

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	30/09/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 20 identical solid hemispheres of radius 3 cm are melted to form a big solid hemisphere. What is the radius (in cm) of the biggest hemisphere formed, if 20% of the solid is wasted during the process?

- Ans
- ☐ 1. $3\sqrt{2}$
 - ☒ 2. $6\sqrt[3]{2}$
 - ☐ 3. 6
 - ☐ 4. 3

Q.2 The average monthly income of A and B is ₹3,590. The average monthly income of B and C is ₹4,250. The average monthly income of A and C is ₹6,500. What is the monthly income of C?

- Ans
- ☐ 1. ₹7,545
 - ☒ 2. ₹7,160
 - ☐ 3. ₹8,190
 - ☐ 4. ₹6,984

Q.3 The area of an equilateral triangle is $\frac{\sqrt{5043}}{4}$ sq. cm. The side of the equilateral triangle is:

- Ans
- ☐ 1. $\sqrt{47}$ cm
 - ☒ 2. $\sqrt{41}$ cm
 - ☐ 3. $\sqrt{23}$ cm
 - ☐ 4. $\sqrt{29}$ cm

Q.4 Atul sold two sacks of rice for ₹19,200 each. On one, he gained 20% and on the other, he lost 20%. Find his gain or loss percentage in the whole transaction.

- Ans
- ☐ 1. 5% loss
 - ☐ 2. 8% profit
 - ☐ 3. 7% profit
 - ☒ 4. 4% loss

Q.5 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 7% per year rate of interest for 5 years.

- Ans
- ☐ 1. 1010
 - ☐ 2. 1090
 - ☐ 3. 990
 - ☒ 4. 1050

Q.6 In a 100-marks test, the average of marks scored by 50 students was found to be 65. Later on, it was discovered that a score of 88 was misread as 68. Find the correct average.

- Ans
- ☒ 1. 65.40
 - ☐ 2. 65.60
 - ☐ 3. 65.50
 - ☐ 4. 65.70

Q.7 Two trains, 148 m and 152 m long, are running towards each other on parallel lines at 62 km/h and 46km/h, respectively. In what time will they be clear of each other from the moment they meet?

- Ans**
- ☐ 1. 5 sec
 - ☐ 2. 20 sec
 - ☒ 3. 10 sec
 - ☐ 4. 15 sec

Q.8 A man sells an article at a certain price and suffers a loss of 20%. If he sells the article at ₹100 more, he gets a profit of 30%. Find the cost price of the article (in ₹).

- Ans**
- ☐ 1. 400
 - ☐ 2. 250
 - ☒ 3. 200
 - ☐ 4. 300

Q.9 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 7% per year rate of interest for 6 years.

- Ans**
- ☐ 1. 1510
 - ☐ 2. 1410
 - ☐ 3. 1430
 - ☒ 4. 1470

Q.10 The ratio of the present age of A and B is 3 : 1. Five years ago, the ratio of their ages was 5 : 1. The age of A (in years) after eight years will be:

- Ans**
- ☒ 1. 38
 - ☐ 2. 22
 - ☐ 3. 40
 - ☐ 4. 30

Q.11 Riya offers 12% discount on all her goods and offers an additional discount of 6% to those customers who pay in cash. How much will a customer have to pay for a fan marked for ₹2,400 if he pays in cash?

- Ans**
- ☐ 1. ₹2,122.50
 - ☐ 2. ₹2,300.50
 - ☐ 3. ₹1,900
 - ☒ 4. ₹1,985.28

Q.12 A sum invested at 5% simple interest per annum grows to ₹806 in 6 years. If the amount remains the same, how much will it grow at a 12% simple interest rate in 5 years?

- Ans**
- ☐ 1. ₹1,120
 - ☒ 2. ₹992
 - ☐ 3. ₹1,000
 - ☐ 4. ₹985

Q.13 In a college, 20% of the number of boys are equal to the three-fourth of the number of girls. What is the ratio of boys and girls in that college ?

- Ans**
- ☐ 1. 13 : 4
 - ☐ 2. 7 : 6
 - ☒ 3. 15 : 4
 - ☐ 4. 5 : 3

Q.14 Rice worth ₹43/kg and ₹67/kg are mixed with a third variety in the ratio 2 : 1 : 5. If the mixture is worth ₹96/kg, the price (in ₹) of the third variety of rice per kg will be:

- Ans**
- ☐ 1. 142
 - ☐ 2. 159
 - ☒ 3. 123
 - ☐ 4. 131

Q.15 A thief saw a policeman, and he started running at a speed of 18 m/s. After 12 seconds, the policeman starts running behind the thief at a certain speed. If the policeman covered 864 meters distance to reach the thief, then the speed (in m/s) of the policeman is:

- Ans
- ☒ 1. 24
 - ☐ 2. 28
 - ☐ 3. 30
 - ☐ 4. 15

Q.16 If 6.5% more is gained by selling a watch for ₹466 than by selling it for ₹440, then what is the cost price of the watch?

- Ans
- ☒ 1. ₹400
 - ☐ 2. ₹450
 - ☐ 3. ₹420
 - ☐ 4. ₹390

Q.17 Simplify $\frac{8.7 - [7.6 - \{6.5 - (5.4 - \overline{4.3 - 2})\}]}{48 \div 12 \left[\frac{9}{8} \text{ of } \frac{4}{3} \div \frac{3}{4} \text{ of } \frac{2}{3} \right]}$

- Ans
- ☒ 1. 3.375
 - ☐ 2. 3.675
 - ☐ 3. 3.875
 - ☐ 4. 3.475

Q.18 Three numbers are in the ratio of 6:7:3 and their LCM is 3654. Their HCF is:

- Ans
- ☐ 1. 27
 - ☒ 2. 87
 - ☐ 3. 29
 - ☐ 4. 28

Q.19 The average monthly expenditure of a family was ₹8,600 during the first three months, ₹9,750 during the next four months and ₹9,920 during the last five months of a year. If the total savings during the year was ₹65,300, the average monthly income (in ₹) of the family was:

- Ans
- ☐ 1. 14,597
 - ☒ 2. 14,975
 - ☐ 3. 15,479
 - ☐ 4. 15,794

Q.20 The area of a regular hexagon is $2048\sqrt{3} \text{ cm}^2$. What is the length (in cm) of each side of the hexagon?

- Ans
- ☐ 1. $32\sqrt{3}$
 - ☐ 2. $\frac{32\sqrt{3}}{3}$
 - ☐ 3. $64\sqrt{3}$
 - ☒ 4. $\frac{64\sqrt{3}}{3}$

Q.1 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $39 \div 3 - 24 + 60 \times 12 = ?$

- Ans**
- ☐ 1. 190
 - ☒ 2. 136
 - ☐ 3. 163
 - ☐ 4. 86

Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

No bus is a car.

No car is a truck.

Conclusions:

(I) No car is a bus.

(II) No truck is a car.

- Ans**
- ☐ 1. Only conclusion I follows.
 - ☒ 2. Both conclusions I and II follow.
 - ☐ 3. Only conclusion II follows.
 - ☐ 4. Neither conclusion I nor II follows.

Q.3 PT21 is related to XB44 in a certain way. In the same way, CG58 is related to KO81. To which of the following is SW65 related, following the same logic?

- Ans**
- ☐ 1. EA78
 - ☐ 2. EA88
 - ☒ 3. AE88
 - ☐ 4. AE78

Q.4 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). A is sitting second to the right of E. Only one person is sitting between D and A. B is sitting third to the right of G. F is an immediate neighbour of B. How many people are sitting between D and E when counted from the left of E?

- Ans**
- ☐ 1. Three
 - ☐ 2. Four
 - ☒ 3. Two
 - ☐ 4. One

Q.5 In a code language, 'COLONY' is coded as '48' and 'INTERCHANGE' is coded as '88'. How will 'MOUNTAIN' be coded in the same language?

- Ans**
- ☐ 1. 84
 - ☐ 2. 86
 - ☐ 3. 66
 - ☒ 4. 64

Q.6 What should come in place of ? in the given series based on the English alphabetical order?

ACE ,FHJ, KMO, PRT , ?

- Ans**
- ☐ 1. NOP
 - ☐ 2. GJK
 - ☒ 3. UWY
 - ☐ 4. BCD

Q.7 17 is related to 69 following a certain logic. Following the same logic, 21 is related to 85. To which of the following is 24 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 95
 - ☐ 2. 99
 - ☒ 3. 97
 - ☐ 4. 93

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some chickens are hens.
No hen is an egg.

Conclusions:
(I) No chicken is an egg.
(II) All hens are chickens.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☒ 2. Neither conclusion I nor II follows
 - ☐ 3. Only conclusion I follows
 - ☐ 4. Both conclusions I and II follow

Q.9 In a certain code language, 'WING' is coded as '2618' and 'NEAT' is coded as '3469'. What is the code for 'N' in that language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 3
 - ☐ 3. 1
 - ☒ 4. 6

Q.10 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(4, 35, 11)
(1, 82, 61)

- Ans**
- ☒ 1. (13, 53, 20)
 - ☐ 2. (21, 310, 23)
 - ☐ 3. (8, 33, 15)
 - ☐ 4. (2, 53, 6)

Q.11 JM12 is related to EH15 in a certain way. In the same way, QT34 is related to LO37. To which of the following is SV 23 related following the same logic?

- Ans**
- ☐ 1. MP26
 - ☐ 2. MQ27
 - ☐ 3. NP27
 - ☒ 4. NQ26

Q.12 Two Statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
I. All dolls are toys.
II. Some teddy bears are dolls.
Conclusions:
I. All teddy bears are toys.
II. Some toys are dolls.
III. No teddy bear is a toy.

Ans  1. Only conclusion II follows.
 2. Only conclusion III follows.
 3. Both conclusions II and III follow.
 4. Either conclusion I or III follows.

Q.13 HFLI is related to OMSP in a certain way based on the English alphabetical order. In the same way, KIOL is related to RPVS. To which of the following is MKQN related, following the same logic?

Ans  1. TRUX
 2. RTXU
 3. RTUX
 4. TRXU

Q.14 What should come in place of '?' in the given series?
200, 202, 197, 199, ?, 196, 191, 193

Ans  1. 194
 2. 197
 3. 198
 4. 195

Q.15 What should come in place of '?' in the given series?
-12, +24, -48, +96, ?, +384

Ans  1. 108
 2. 96
 3. -192
 4. -108

Q.16 In a code language, 'CAKE' is written as 'ACIG' and 'GOLD' is written as 'EQJF'. How will 'WIRE' be written in that language?

Ans  1. UKPG
 2. GPUK
 3. GUKP
 4. GUPK

Q.17 7 is related to 30 following a certain logic. Following the same logic, 14 is related to 100. To which of the following is 22 related following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans  1. 189
 2. 170
 3. 190
 4. 180

Q.18 In a certain code language, 'I swim fast' is coded as 'cp lk bs' and 'may I go' is coded as 'ap sb lk'. How is 'I' coded in that code language?

Ans  1. bs
 2. lk
 3. sb
 4. cp

Q.19 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the center (but not necessarily in the same order). C is sitting to the immediate right of E. D is sitting third to the left of C. A is the immediate neighbour of B and C. F is not the immediate neighbour of E.

What is the position of G with respect to A?

- Ans**
- ☒ 1. Third to the left
 - ☐ 2. Second to the left
 - ☐ 3. Second to the right
 - ☐ 4. To the immediate left

Q.20 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$5 \div 6 \times 3 - 4 + 11 = ?$$

- Ans**
- ☐ 1. 14
 - ☐ 2. 11
 - ☒ 3. 3
 - ☐ 4. 7

Section : **General Awareness**

Q.1 In which part of India is cool mountain climate observed?

- Ans**
- ☐ 1. East
 - ☒ 2. North
 - ☐ 3. South
 - ☐ 4. West

Q.2 How many countries share their land borders with India?

- Ans**
- ☐ 1. Nine
 - ☐ 2. Eight
 - ☒ 3. Seven
 - ☐ 4. Six

Q.3 With reference to medieval Indian architecture style, what is 'Pietra Dura'?

- Ans**
- ☐ 1. Oil paintings on the walls of Taj Mahal
 - ☐ 2. Fine quality clothes used by the Mughals
 - ☐ 3. Sculpture art of the Mauryan period
 - ☒ 4. Decorating the walls with floral designs made of semi-precious stones

Q.4 Who among the following established the Indore gharana?

- Ans**
- ☐ 1. Ustad Ghaghe Khuda Baksh
 - ☐ 2. Tansen
 - ☒ 3. Ustad Amir Khan
 - ☐ 4. Bhimsen Joshi

Q.5 With which sport is Sanjana Bathula associated?

- Ans**
- ☒ 1. Roller skating
 - ☐ 2. Badminton
 - ☐ 3. Squash
 - ☐ 4. Shooting

Q.6 Which of the following acts introduced the system of dyarchy in the provincial administration in India?

- Ans**
- ☐ 1. The Government of India Act of 1909
 - ☐ 2. The Government of India Act of 1947
 - ☐ 3. The Government of India Act of 1935
 - ☒ 4. The Government of India Act of 1919

Q.7 On which date did Punjab abolish the Legislative Council?

- Ans**
- ☒ 1. 1 January 1970
 - ☐ 2. 1 January 1971
 - ☐ 3. 1 January 1977
 - ☐ 4. 1 January 1975

Q.8 In which state/union territory is Losar celebrated to mark the start of the new year in that region?

- Ans**
- ☐ 1. Kerala
 - ☒ 2. Ladakh
 - ☐ 3. New Delhi
 - ☐ 4. Bihar

Q.9 The chemical compound present in turmeric is:

- Ans**
- ☐ 1. carotene
 - ☒ 2. curcumin
 - ☐ 3. tartaric acid
 - ☐ 4. capsaicin

Q.10 As of 31st October 2023, the senior-most member (in terms of age) in the 17th Lok Sabha, Shafiqur Rahman Barq represents which political party?

- Ans**
- ☐ 1. Rashtriya Janata Dal
 - ☒ 2. Samajwadi Party
 - ☐ 3. Indian National Congress
 - ☐ 4. Bharatiya Janata Party

Q.11 The red colour of tomatoes is due to the presence of:

- Ans**
- ☐ 1. alizarin
 - ☐ 2. beta carotene
 - ☒ 3. lycopene
 - ☐ 4. limonene

Q.12 Which of the following statements is/are correct about the famous place Mawsynram?

- A. It is the wettest place on the earth.**
B. It is located in Meghalaya state of India.

- Ans**
- ☐ 1. Only B is correct.
 - ☐ 2. Neither A nor B is correct.
 - ☒ 3. A and B both are correct.
 - ☐ 4. Only A is correct.

Q.13 In 1976, in which Part of the Indian Constitution under Article 51A were Fundamental Duties added?

- Ans**
- ☐ 1. VI
 - ☒ 2. IV A
 - ☐ 3. V
 - ☐ 4. III

Q.14 Who was the captain of Royal Challengers Bangalore in the Women's Premier League event 2023?

- Ans**
- ☐ 1. Shafali Verma
 - ☐ 2. Deepti Sharma
 - ☒ 3. Smriti Mandhana
 - ☐ 4. Harmanpreet Kaur

Q.15 Who was the founder of the Mauryan dynasty?

- Ans**
- ☒ 1. Chandragupta Maurya
 - ☐ 2. Vikramaditya
 - ☐ 3. Bindusara
 - ☐ 4. Ashoka

Q.16	Kanak Rele, who established Nalanda Dance Research Centre, was a performer of which of the following classical dance forms of India?
Ans	☒ 1. Manipuri ☒ 2. Sattriya ☒ 3. Mohiniyattam ☒ 4. Kathak
Q.17	What is the chemical formula for sodium bicarbonate?
Ans	☒ 1. NaHCO_3 ☒ 2. Na_2CO_3 ☒ 3. NaCl ☒ 4. NaOH
Q.18	Which of the following is one of the features of capital goods?
Ans	☒ 1. They are Giffen goods. ☒ 2. They are durable. ☒ 3. They are inferior goods. ☒ 4. They are inexpensive.
Q.19	What is the decreasing order of the Padma awards?
Ans	☒ 1. Padma Shri, Padma Vibhushan, Padma Bhushan ☒ 2. Padma Bhushan, Padma Shri, Padma Vibhushan ☒ 3. Padma Vibhushan, Padma Bhushan, Padma Shri ☒ 4. Padma Shri, Padma Bhushan, Padma Vibhushan
Q.20	The Pharmacy (Amendment) Bill, 2023 was introduced in Lok Sabha on 3 August 2023, which amends the _____.
Ans	☒ 1. Pharmacy Act, 1949 ☒ 2. Pharmacy Act, 1947 ☒ 3. Pharmacy Act, 1948 ☒ 4. Pharmacy Act, 1950
Q.21	The Rabi season of agriculture begins in October-November and ends in _____.
Ans	☒ 1. May-June ☒ 2. March-April ☒ 3. January-February ☒ 4. June-July
Q.22	Which Union Territory had minimum literacy rate as per 2011 Census?
Ans	☒ 1. Chandigarh ☒ 2. Delhi ☒ 3. Dadra and Nagar Haveli ☒ 4. Lakshadweep
Q.23	The historical fiction 'The Glory of Patan' by KM Munshi was originally written in which Indian language?
Ans	☒ 1. Malayalam ☒ 2. Gujarati ☒ 3. Tamil ☒ 4. Bengali
Q.24	Which of the following books is written by Dadabhai Naoroji?
Ans	☒ 1. Poverty and Un-British Rule in India ☒ 2. Important Chapters of Poverty ☒ 3. Poverty and India ☒ 4. Economics History of India

Q.25 Which of the following dynasties established the Vijayanagara kingdom in fourteenth century?

- Ans**
- ☒ 1. Sangama dynasty
 - ☐ 2. Aravidu dynasty
 - ☐ 3. Saluva dynasty
 - ☐ 4. Tuluva dynasty

Section : English Language and Comprehension

Q.1 Select the most appropriate synonym of the given word.
Energy

- Ans**
- ☒ 1. Power
 - ☐ 2. strife
 - ☐ 3. Speed
 - ☐ 4. Frailty

Q.2 Select the most appropriate synonym of the underlined word
The project's tight deadline and complex requirements made it a gruelling task for the team.

- Ans**
- ☐ 1. Accessible
 - ☐ 2. Inclusive
 - ☒ 3. Challenging
 - ☐ 4. Empowering

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
My secretary is disposed of / discuss everything in great detail / before she begins / the actual work.

- Ans**
- ☐ 1. the actual work.
 - ☐ 2. before she begins
 - ☐ 3. discuss everything in great detail
 - ☒ 4. My secretary is disposed of

Q.4 The following sentence has been divided into four segments. One of them contains an error. Select the segment that contains the error from the given options.
Neither Smith / nor Rose / were in / the classroom.

- Ans**
- ☐ 1. the classroom
 - ☐ 2. Neither Smith
 - ☐ 3. nor Rose
 - ☒ 4. were in

Q.5 The following sentence has been split into four segments. Identify the segment that contains a phrasal verb error.

Mrs. Premalatha asked / Malini to hand down / all the / payment slips.

- Ans**
- ☐ 1. all the
 - ☐ 2. Mrs. Premalatha asked
 - ☐ 3. payment slips
 - ☒ 4. Malini to hand down

Q.6 Select the most appropriate option to fill in the blank.
Accepting how wonderful you truly are and incorporating this _____ into your attitude and personality is perhaps one of the most difficult things to do in life.

- Ans**
- ☐ 1. craziness
 - ☐ 2. folly
 - ☐ 3. glitch
 - ☒ 4. insight

Q.7 Select the most appropriate synonym of the word 'pursue' from the given sentence.
Dr. Kalam's success in the field of science has inspired young Indians to dream big and chase those dreams with immense hard work.

- Ans**
- ☐ 1. inspired
 - ☐ 2. success
 - ☐ 3. immense
 - ☒ 4. chase

Q.8 Select the option that correctly rectifies the underlined spelling error.
The accideent on the highway caused a long traffic jam.

- Ans**
- ☐ 1. accidnt
 - ☐ 2. acident
 - ☐ 3. acidnent
 - ☒ 4. accident

Q.9 Select the most appropriate option to fill in the blank.

He is _____ tired to finish his homework.

- Ans**
- ☒ 1. too
 - ☐ 2. most
 - ☐ 3. to
 - ☐ 4. more

Q.10 Select the sentence that has a grammatical error.

- Ans**
- ☐ 1. He works as a software developer.
 - ☐ 2. She always eats healthy meals.
 - ☐ 3. The sun rises in the east.
 - ☒ 4. We watches movies every Friday night.

Q.11 Select the most appropriate option to fill in the blank.

Cultural heritage is the lifeblood of any _____ and serves as a link between generations.

- Ans**
- ☐ 1. believe
 - ☐ 2. lethargy
 - ☒ 3. civilisation
 - ☐ 4. birthright

Q.12 Select the most appropriate verb form to fill in the blank.

Arun _____ his bicycle to school every day.

- Ans**
- ☒ 1. rides
 - ☐ 2. ride
 - ☐ 3. rode
 - ☐ 4. riding

Q.13 Select the most appropriate synonym of the given word.
Ecstatic

- Ans**
- ☐ 1. Interested
 - ☐ 2. Shocked
 - ☒ 3. Happy
 - ☐ 4. Angry

Q.14 Select the most appropriate meaning of the given idiom.
A piece of cake

- Ans**
- ☐ 1. A slice of cake for eating
 - ☐ 2. A cake that broke into pieces
 - ☐ 3. A cake which is sold as a piece
 - ☒ 4. Easy to do or achieve

Q.15 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Consicstent
 - ☐ 2. Disgust
 - ☐ 3. Trifle
 - ☐ 4. Surrender

Q.16 What does it imply when people say to ‘read between the lines’?

- Ans**
- ☒ 1. To avoid detailed information
 - ☒ 2. To read with an ability to infer the meaning
 - ☒ 3. To skip initial and final lines in a paragraph
 - ☒ 4. To read something fast

Q.17 Select the most appropriate synonym of the underlined word.
The detective's job was to discern the truth from the web of lies.

- Ans**
- ☒ 1. Perceive
 - ☒ 2. Ignore
 - ☒ 3. Confuse
 - ☒ 4. Fabricate

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The workers had been repairing / the mall road in / town for / several days now.

- Ans**
- ☒ 1. The workers had been repairing
 - ☒ 2. town for
 - ☒ 3. the mall road in
 - ☒ 4. several days now

Q.19 Select the option that correctly rectifies the underlined spelling error.
The rainbow only appears after a hurican.

- Ans**
- ☒ 1. hurricane
 - ☒ 2. hurrecain
 - ☒ 3. hurrican
 - ☒ 4. hurrecane

Q.20 Select the most appropriate option to fill in the blank.
Please listen to all announcements _____.

- Ans**
- ☒ 1. attentively
 - ☒ 2. generally
 - ☒ 3. easily
 - ☒ 4. hungrily

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

My next pet, Ari, was a pigeon. He became convinced that he was not a bird at all and refused to ____ 1 _____. If he wanted to get on a table or a chair, he stood below it, cooing until someone picked him up. He would even try to come ____ 2 _____ walks with us. This, however, we had to stop for, ____ 3 _____ you carried him on your shoulder or else you let him walk behind. If you let him walk, you had to slow down your own ____ 4 _____ to suit his, for should you get too far ahead, you would find him running after you, cooing frantically, his chest pouted out with ____ 5 _____.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. flea
 - ☒ 2. fly
 - ☒ 3. file
 - ☒ 4. read

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

My next pet, Ari, was a pigeon. He became convinced that he was not a bird at all and refused to ____ 1 _____. If he wanted to get on a table or a chair, he stood below it, cooing until someone picked him up. He would even try to come ____ 2 _____ walks with us. This, however, we had to stop for, ____ 3 _____ you carried him on your shoulder or else you let him walk behind. If you let him walk, you had to slow down your own ____ 4 _____ to suit his, for should you get too far ahead, you would find him running after you, cooing frantically, his chest pouted out with ____ 5 _____.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. in
 - ☒ 2. on
 - ☒ 3. by
 - ☒ 4. at

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

My next pet, Ari, was a pigeon. He became convinced that he was not a bird at all and refused to ____ 1 _____. If he wanted to get on a table or a chair, he stood below it, cooing until someone picked him up. He would even try to come ____ 2 _____ walks with us. This, however, we had to stop for, ____ 3 _____ you carried him on your shoulder or else you let him walk behind. If you let him walk, you had to slow down your own ____ 4 _____ to suit his, for should you get too far ahead, you would find him running after you, cooing frantically, his chest pouted out with ____ 5 _____.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. never
 - ☒ 2. ever
 - ☒ 3. either
 - ☒ 4. neither

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

My next pet, Ari, was a pigeon. He became convinced that he was not a bird at all and refused to ____ 1 _____. If he wanted to get on a table or a chair, he stood below it, cooing until someone picked him up. He would even try to come ____ 2 _____ walks with us. This, however, we had to stop for, ____ 3 _____ you carried him on your shoulder or else you let him walk behind. If you let him walk, you had to slow down your own ____ 4 _____ to suit his, for should you get too far ahead, you would find him running after you, cooing frantically, his chest pouted out with ____ 5 _____.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. pace
 - ☒ 2. piece
 - ☒ 3. peace
 - ☒ 4. space

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

My next pet, Ari, was a pigeon. He became convinced that he was not a bird at all and refused to ____ 1 _____. If he wanted to get on a table or a chair, he stood below it, cooing until someone picked him up. He would even try to come ____ 2 _____ walks with us. This, however, we had to stop for, ____ 3 _____ you carried him on your shoulder or else you let him walk behind. If you let him walk, you had to slow down your own ____ 4 _____ to suit his, for should you get too far ahead, you would find him running after you, cooing frantically, his chest pouted out with ____ 5 _____.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. ignition
 - ☒ 2. indignation
 - ☒ 3. intimation
 - ☒ 4. inclination

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	30/09/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 In a mock test conducted by a coaching institute, 20 students average scored 75% marks and the remaining 15 students average scored 54% marks. Find the average score.

- Ans
- ☐ 1. 67%
 - ☐ 2. 63%
 - ☒ 3. 66%
 - ☐ 4. 62%

Q.2 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 6% per year rate of interest for 3 years.

- Ans
- ☐ 1. 490
 - ☐ 2. 410
 - ☒ 3. 450
 - ☐ 4. 390

Q.3 The mean (rounded off to two decimal place) of the first 6 odd prime numbers is:

- Ans
- ☐ 1. 8.61
 - ☐ 2. 7.93
 - ☒ 3. 9.33
 - ☐ 4. 10.71

Q.4 A trader marks his goods at 20% higher than the cost price. Further, he uses a weighing balance which shows 1200 grams for a kilogram. What is his profit percentage?

- Ans
- ☐ 1. 66%
 - ☒ 2. 44%
 - ☐ 3. 55%
 - ☐ 4. 50%

Q.5 Rohan deposited ₹500 for 2 years, ₹650 for 4 years and ₹1,300 for 6 years, at the same rate of interest. He received the total simple interest of ₹1,140. What is the rate of interest per annum?

- Ans
- ☐ 1. 9.5%
 - ☐ 2. 10.5%
 - ☒ 3. 10%
 - ☐ 4. 11%

Q.6 If Anil takes 5 days to complete a task when he works for 8 hours a day, how many days will he take to complete the task if he works 6 hours a day?

- Ans
- ☐ 1. $7\frac{2}{3}$ days
 - ☐ 2. $7\frac{1}{2}$ days
 - ☒ 3. $6\frac{2}{3}$ days
 - ☐ 4. 6 days

Q.7 The average of the sales of an electronics shop in the years 1991, 1992, 1993 and 1994 is 2000, and that for the years 1992, 1993, 1994 and 1995 is 2200. If the sales in 1995 are 1800, find the sales in 1991.

- Ans**
- ☐ 1. 1200
 - ☒ 2. 1000
 - ☐ 3. 800
 - ☐ 4. 500

Q.8 An oil dealer had three types of oil. 403 litres of the first kind, 434 litres of the second kind and 465 litres of the third kind. Find the maximum volume of oil, filled in each barrel, if equal number of barrels are filled.

- Ans**
- ☐ 1. 41 litres
 - ☐ 2. 48 litres
 - ☐ 3. 52 litres
 - ☒ 4. 31 litres

Q.9 A policeman chases a thief. The speed of the policeman and thief are 10 kmph and 8 kmph, respectively. If the policeman started 15 minutes late, find the time taken by the policeman to catch the thief.

- Ans**
- ☒ 1. 60 minutes
 - ☐ 2. 45 minutes
 - ☐ 3. 15 minutes
 - ☐ 4. 30 minutes

Q.10 What is the value of the given expression?

$$2 + \left[2 \times \left\{ 2 + \left(8 \div \frac{2}{5} - 15 \text{ of } \frac{2}{3} \right) \times 2 \right\} + 1 \right]$$

- Ans**
- ☒ 1. 47
 - ☐ 2. 51
 - ☐ 3. 48
 - ☐ 4. 44

Q.11 In an election contested by two candidates, one candidate got 25% of the total votes and still lost by 20,000 votes. Find the total number of votes cast? (all votes are valid)

- Ans**
- ☐ 1. 55000
 - ☐ 2. 35000
 - ☐ 3. 25000
 - ☒ 4. 40000

Q.12 A shopkeeper buys 50 pencils for ₹80 and sells them at 40 pencils for ₹90. Find his gain percentage.

- Ans**
- ☐ 1. 35%
 - ☐ 2. $40\frac{3}{8}\%$
 - ☐ 3. 37.5%
 - ☒ 4. $40\frac{5}{8}\%$

Q.13 In the first 5 overs of a T-20 international cricket match, the run rate was only 5.6. What should be the run rate (approximately) in the remaining 15 overs to reach a target of 185 runs?

- Ans**
- ☐ 1. 9.55
 - ☐ 2. 11.15
 - ☒ 3. 10.46
 - ☐ 4. 10.25

Q.14 Find the area of a square whose diagonal is of 14 cm length.

- Ans
- ☐ 1. 96 cm²
 - ☐ 2. 94 cm²
 - ☐ 3. 95 cm²
 - ☒ 4. 98 cm²

Q.15 A dishonest shopkeeper claims to sell rice at the cost price of ₹95 per kg, but the weight he uses has 1 kg written on it, while it actually weighs 950 gm. The profit he thus earns on selling rice having an actual weight of 95 kg rice is:

- Ans
- ☐ 1. ₹500
 - ☐ 2. ₹375
 - ☒ 3. ₹475
 - ☐ 4. ₹275

Q.16 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 5% per year rate of interest for 5 years.

- Ans
- ☐ 1. 835
 - ☒ 2. 875
 - ☐ 3. 815
 - ☐ 4. 915

Q.17 The marked price of a scooter is ₹1,80,000. The shopkeeper gave a scheme discount of 4% on ₹1,20,000 and 2.5% on the remaining amount. The selling price (in ₹) of the scooter is:

- Ans
- ☐ 1. 1,37,700
 - ☐ 2. 1,77,300
 - ☒ 3. 1,73,700
 - ☐ 4. 1,73,070

Q.18 A right circular cone of height h and radius R is cut by a plane parallel to the base at a distance h/4 from the base. The ratio of the curved surface areas of the resulting cone to the frustum is:

- Ans
- ☐ 1. 7 : 16
 - ☐ 2. 16 : 9
 - ☒ 3. 9 : 7
 - ☐ 4. 16 : 7

Q.19 A policeman follows a thief, who is 150 metres ahead of him., and they run at the speed of 6 km/h and 5 km/h, respectively.What distance does the policeman cover to catch up with the thief?

- Ans
- ☐ 1. 870 metres
 - ☐ 2. 890 metres
 - ☒ 3. 900 metres
 - ☐ 4. 880 metres

Q.20 A shot-put made of iron with a diameter of 12 cm is melted into a solid cylinder with a height of 2 cm. What is the diameter of the cylinder made?

- Ans
- ☐ 1. 12 cm
 - ☐ 2. 21 cm
 - ☒ 3. 24 cm
 - ☐ 4. 18 cm

Section : Reasoning Ability and Problem Solving

Q.1 In a certain code language, 'FAST' is coded as '6842' and 'TILE' is coded as '5761'.What is the code for 'T' in the given code language?

- Ans
- ☐ 1. 5
 - ☐ 2. 1
 - ☒ 3. 6
 - ☐ 4. 2

Q.2 Rajan, Pragyan, Kamal, Sachin, Ashok, Narendra, and Laksh are sitting around a circular table, facing the centre (but not necessarily in the same order).
Rajan sits 3rd to the right of Narendra. Kamal sits 2nd to the right of Rajan. Ashok is an immediate neighbour of Narendra. Pragyan sits to the immediate right of Sachin.
Who is sitting 3rd to the left of Narendra?

Ans  1. Sachin
 2. Kamal
 3. Laksh
 4. Pragyan

Q.3 In a certain code language, 'will make you' is written as 'ft fy fd' and 'you see what' is written as 'fi fo ft'. How will 'you' be written in the given language?

Ans  1. fd
 2. fo
 3. fy
 4. ft

Q.4 P, Q, R, S, T, U, V and W are sitting around a circular table facing the centre (but not necessarily in the same order). P is sitting to the immediate right of V and third to the left of U. S is sitting fourth to the right of Q, who is not an immediate neighbour of P and T. Q is sitting to the second right of U. R is sitting to the immediate right of Q and second to the left of P. How many people are sitting between R and T when counted from the left of T?

Ans  1. Four
 2. Two
 3. Five
 4. Three

Q.5 Which two signs should be interchanged to make the following equation correct?

$$27 - 45 \times 15 \div 8 + 3 = 6$$

Ans  1. - and $\times$
 2. $\div$ and $\times$
 3. - and +
 4. + and $\times$

Q.6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- Some hooks are rags.
- All rags are bottles.

Conclusions:

- (I) Some bottles are hooks.
(II) All bottles are rags.

Ans  1. Only conclusion (II) follows
 2. Both conclusions (I) and (II) follow
 3. Only conclusion (I) follows
 4. Neither conclusion (I) nor (II) follows

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- Some juices are teas.
All teas are coffees.

Conclusions:

- (I): Some coffees are juices.
(II): No coffee is a juice.

Ans  1. Neither conclusion (I) nor (II) follows.
 2. Both conclusions (I) and (II) follow.
 3. Only conclusion (I) follows.
 4. Only conclusion (II) follows.

Q.8 What should come in place of the question mark (?) in the following series?

25, 26, 30, 39, 55, ?, 116, 165

- Ans**
- ☐ 1. 70
 - ☒ 2. 80
 - ☐ 3. 100
 - ☐ 4. 90

Q.9 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
EGC, IFG, MEK, QDO, ?

- Ans**
- ☐ 1. VWS
 - ☒ 2. UCS
 - ☐ 3. SWU
 - ☐ 4. WSU

Q.10 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$140 \times 2 - 4 \div 56 + 82 = ?$

- Ans**
- ☐ 1. 268
 - ☒ 2. 212
 - ☐ 3. 241
 - ☐ 4. 262

Q.11 12 is related to 59 following a certain logic. Following the same logic, 17 is related to 79. To which of the following is 24 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☐ 1. 96
 - ☐ 2. 101
 - ☐ 3. 117
 - ☒ 4. 107

Q.12 What should come in place of the question mark (?) in the given series?

34 51 85 102 136 ?

- Ans**
- ☐ 1. 142
 - ☒ 2. 153
 - ☐ 3. 146
 - ☐ 4. 157

Q.13 GMIE is related to HNJF in a certain way based on the English alphabetical order. In the same way, KQMI is related to LRNJ. To which of the following is NTPL related, following the same logic?

- Ans**
- ☐ 1. UOQM
 - ☐ 2. OUMQ
 - ☐ 3. UOMQ
 - ☒ 4. OUQM

Q.14 In a certain code language, 'checked his mirror' is written as 'aw ar ae' and 'book inevitably mirror' is coded as 'al aw ao'. How is 'mirror' coded in that language?

- Ans**
- ☐ 1. al
 - ☒ 2. aw
 - ☐ 3. ae
 - ☐ 4. ao

Q.15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

Some metals are iron.

Some iron are steel.

Conclusions:

(I) Some metals are steel.

(II) All steel are iron.

- Ans**
- ☒ 1. Only conclusion (I) follows.
 - ☒ 2. Neither conclusion (I) nor (II) follows.
 - ☒ 3. Only conclusion (II) follows.
 - ☒ 4. Both conclusions (I) and (II) follow.

Q.16 In a certain code language, 'DONER' is coded as '52369' and 'DROVE' is coded as '32957'. What is the code for 'N' in the given code language?

- Ans**
- ☒ 1. 7
 - ☒ 2. 9
 - ☒ 3. 5
 - ☒ 4. 6

Q.17 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(20, 76, 91)

(87, 41, 123)

- Ans**
- ☒ 1. (40, 80, 15)
 - ☒ 2. (47, 19, 51)
 - ☒ 3. (57, 18, 100)
 - ☒ 4. (84, 47, 126)

Q.18 NEST is related to SJXY in a certain way based on the English alphabetical order. In the same way, CTHI is related to HYMN. To which of the following is RIWX related, following the same logic?

- Ans**
- ☒ 1. WNCB
 - ☒ 2. WNBC
 - ☒ 3. WBNC
 - ☒ 4. WCNB

Q.19 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(4, 64, 4)

(5, 36, 1)

- Ans**
- ☒ 1. (2, 25, 3)
 - ☒ 2. (25, 27, 69)
 - ☒ 3. (14, 23, 44)
 - ☒ 4. (2, 4, 9)

Q.20 TAHO is related to XELS in a certain way based on the English alphabetical order. In the same way, HOVC is related to LSZG. To which of the following is NUBI related, following the same logic?

- Ans**
-  1. RYGM
 -  2. RYFM
 -  3. FYKM
 -  4. RYKM

Section : **General Awareness**

Q.1 Which organelle contains ribosomal RNA and is involved in the production of ribosomes?

- Ans**
-  1. Endoplasmic reticulum
 -  2. Nucleolus
 -  3. Golgi apparatus
 -  4. Nucleus

Q.2 In 1928, who among the following wrote the Congress Party's Nehru Report, a future constitution for independent India, based on the granting of dominion status?

- Ans**
-  1. Jawaharlal Nehru
 -  2. Motilal Nehru
 -  3. Subhash Chandra Bose
 -  4. Mahatma Gandhi

Q.3 Which programme, that was introduced in the year 2000-2001, aims to offer homes, drinking water, primary education and basic healthcare in rural areas?

- Ans**
-  1. Pradhan Mantri Vaya Vandana Yojana
 -  2. The Pradhan Mantri Gram Sadak Yojana
 -  3. Pradhan Mantri Gramodaya Yojana
 -  4. Pradhan Mantri Kisan Samman Nidhi

Q.4 Which of the following correctly describes the nature of the Indian Constitution?

- Ans**
-  1. Rigid
 -  2. Very rigid and difficult to amend
 -  3. Neither rigid nor flexible
 -  4. Flexible

Q.5 Raga Deepak has been associated with which famous musician?

- Ans**
-  1. Lal Kalawant
 -  2. Ali Khan Karori
 -  3. Tansen
 -  4. Khusrau

Q.6 Who was the court poet of king Harshavardhana?

- Ans**
-  1. Vatsbhatti
 -  2. Banabhatta
 -  3. Ravikirti
 -  4. Kalidas

Q.7 How many cities have been selected to be developed as sustainable and responsible destinations as per the Swadesh Darshan 2.0 scheme launched by the Union Ministry of Tourism in January 2023?

- Ans**
-  1. 45
 -  2. 21
 -  3. 67
 -  4. 30

Q.8 Which of the following architectural elements is excluded from the construction sites of the Indus Valley Civilisation?

- Ans**
- ☐ 1. Sun Dried Bricks
 - ☒ 2. Iron Slabs
 - ☐ 3. Baked Bricks
 - ☐ 4. Mortar of Gypsum

Q.9 The 'Bathukamma' festival is associated with which state?

- Ans**
- ☐ 1. Tripura
 - ☒ 2. Telangana
 - ☐ 3. Punjab
 - ☐ 4. Sikkim

Q.10 The Patkai hills are part of the _____ mountains.

- Ans**
- ☐ 1. Eastern Ghats
 - ☐ 2. Karakoram
 - ☒ 3. Purvachal
 - ☐ 4. Western Ghats

Q.11 Select the INCORRECT pair of molecule/formula units and their molar mass from the following.

- Ans**
- ☐ 1. NaCl - 58.5
 - ☒ 2. HNO₃ - 62
 - ☐ 3. CH₄ - 16
 - ☐ 4. HCl - 36.5

Q.12 Which of the following revolutionaries, who was arrested in Lahore conspiracy case by the British Government of India, was martyred in the hunger strike of 63 days in jail?

- Ans**
- ☐ 1. Ram Prasad Bismil
 - ☐ 2. Prafulla Chaki
 - ☐ 3. Rash Behari Bose
 - ☒ 4. Jatindra Nath Das

Q.13 The autobiography 'Wings of Fire' chronicles the life of which notable Indian personality?

- Ans**
- ☐ 1. Kiran Bedi
 - ☒ 2. APJ Abdul Kalam
 - ☐ 3. Arundhati Roy
 - ☐ 4. Ratan Tata

Q.14 In September 2023, after the retirement of Incumbent Sanjay Kumar Mishra, who was appointed as In-charge Director of ED?

- Ans**
- ☐ 1. TV Somanathan
 - ☒ 2. Rahul Navin
 - ☐ 3. Tushar Mehta
 - ☐ 4. Samant Goel

Q.15 Which of the following institutes/projects is declared as a masterpiece of oral and intangible heritage of humanity by UNESCO in May 2001?

- Ans**
- ☒ 1. National Project to support Kuttiyattam
 - ☐ 2. Jawaharlal Nehru Manipur Dance Academy
 - ☐ 3. National Institute of Kathak Dance
 - ☐ 4. Music Academy Madras

Q.16 In the 1991 Census, which state was the highest in rank in terms of literacy rate and held higher than the national average of literacy rate?

- Ans**
- ☐ 1. West Bengal
 - ☐ 2. Karnataka
 - ☐ 3. Tamil Nadu
 - ☒ 4. Kerala

Q.17 Calculate the revenue receipts from the following information.
Revenue deficit= 2.80% of GDP Revenue expenditure= 10.80% of GDP

- Ans**
- ☐ 1. 12.80
 - ☒ 2. 8.00
 - ☐ 3. 2.70
 - ☐ 4. 13.60

Q.18 Which of the following dances is traditionally performed by the males of three adjacent states - Jharkhand, Odisha and West Bengal?

- Ans**
- ☐ 1. Sattriya
 - ☒ 2. Chhau
 - ☐ 3. Kuchipudi
 - ☐ 4. Odissi

Q.19 Which of the following dams is a part of the Damodar Valley Corporation?

- Ans**
- ☐ 1. Koyna
 - ☐ 2. Rihand
 - ☐ 3. Salal
 - ☒ 4. Maithon

Q.20 In animal cells, the breakdown of very long chain fatty acids through β -oxidation is conducted by which of the following organelles?

- Ans**
- ☐ 1. Golgi apparatus
 - ☒ 2. Peroxisome
 - ☐ 3. Mitochondria
 - ☐ 4. Ribosome

Q.21 Balban's rule as an absolute despot led to which of the following events?

- Ans**
- ☐ 1. Appointed Hindus in administration
 - ☒ 2. Destruction of the Forts
 - ☐ 3. Respected common man
 - ☐ 4. Granting Jagirs to Nobles

Q.22 The term 'foot fault' is associated with which of the following games?

- Ans**
- ☐ 1. Archery
 - ☐ 2. Basketball
 - ☒ 3. Tennis
 - ☐ 4. Hockey

Q.23 When a large amount of carbon dioxide dissolves in a water body, the water becomes acidic because of the formation of which of the following acids?

- Ans**
- ☐ 1. Carbamic acid
 - ☐ 2. Carboxylic acid
 - ☐ 3. Carbolic acid
 - ☒ 4. Carbonic acid

Q.24 As per Article 181, the _____ can not preside while a resolution for his removal from office is under consideration in State Legislative Assembly.

- Ans**
- ☒ 1. Speaker
 - ☐ 2. Deputy Chairman
 - ☐ 3. Chairman
 - ☐ 4. Advocate General

Q.25 In which of the following events did India get its first individual Olympic gold medal?

- Ans**
- ☒ 1. Wrestling
 - ☒ 2. Shooting
 - ☒ 3. Weightlifting
 - ☒ 4. Boxing

Section : **English Language and Comprehension**

Q.1 Select the most appropriate meaning of the idiom from the options given below.
To show the white feather

- Ans**
- ☒ 1. To show anger
 - ☒ 2. To act bravely
 - ☒ 3. To act cowardly
 - ☒ 4. To maintain peace

Q.2 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options.
Select the correct alternative.
All in all, he had the more splendid collection of antique paintings ever.

- Ans**
- ☒ 1. most splendid
 - ☒ 2. splendid
 - ☒ 3. splendidest
 - ☒ 4. more splendider

Q.3 Select the most appropriate meaning of the underlined word.
I cannot see without my glasses.

- Ans**
- ☒ 1. A device used to correct the defects of vision
 - ☒ 2. A container
 - ☒ 3. An unbreakable object
 - ☒ 4. A fragile object

Q.4 Select the most appropriate ANTONYM of the given word.

Triumph

- Ans**
- ☒ 1. Attentiveness
 - ☒ 2. Lapse
 - ☒ 3. Failure
 - ☒ 4. Delay

Q.5 One of the four underlined words in the given sentence is incorrectly spelt. Select the INCORRECTLY spelt word.

Let us appreciate, support and contribute our might to the promotional efforts of the comunity.

- Ans**
- ☒ 1. appreciate
 - ☒ 2. comunity
 - ☒ 3. contribute
 - ☒ 4. promotional

Q.6 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in the blanks.

Johannes Gutenberg invented the first printing press that could print thousands of _____ a day. This made books cheaper and information _____ widely available.

- Ans**
- ☒ 1. sheet; much
 - ☒ 2. leaf; many
 - ☒ 3. pages; more
 - ☒ 4. sides; most

Q.7 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The company plans to expand its operations into global markets soon.

- Ans**
- ☒ 1. Diversify
 - ☒ 2. Restrict
 - ☒ 3. Spread
 - ☒ 4. Eliminate

Q.8 Select the option that has an error in the use of phrasal verb.

- Ans**
- ☒ 1. Why does she break out with all her near and dear ones?
 - ☒ 2. We look forward to seeing you during the event.
 - ☒ 3. To earn a significant profit, you are advised to deal in electronic items.
 - ☒ 4. Clean up the mess in the kitchen. It is unhygienic.

Q.9 Select the correct spelling of the underlined word in the given sentence.

After their disagreement, they decided to saparate their belongings and part ways.

- Ans**
- ☒ 1. separate
 - ☒ 2. seprate
 - ☒ 3. seprete
 - ☒ 4. seperate

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Although she is usually / rude with everyone, / she behaved nice / with all of us today.

- Ans**
- ☒ 1. with all of us today
 - ☒ 2. she behaved nice
 - ☒ 3. rude with everyone
 - ☒ 4. Although she is usually

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.

I long from travel outside the country, dreaming of adventures among the towering Alps and basking in the turquoise waters of the Caribbean.

- Ans**
- ☒ 1. long to travel
 - ☒ 2. long at travel
 - ☒ 3. long for travelling
 - ☒ 4. long for travelled

Q.12 Rectify the sentence by selecting the correct spelling from the options.

All the political parties of India appaer lost in the physical exercise of fighting elections.

- Ans**
- ☒ 1. Appear
 - ☒ 2. Aappear
 - ☒ 3. Apearr
 - ☒ 4. Apeear

Q.13 Select the grammatically correct sentence from the given options.

- Ans**
- ☒ 1. An unexpected power failure completely foiled a plan of a team.
 - ☒ 2. An unexpected power failure completely foiled the plan of the team.
 - ☒ 3. A unexpected power failure completely foiled the plan of a team.
 - ☒ 4. An unexpected power failure completely foiled an plan of the team.

Q.14 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

My brother trains young girls at the football academy, whereas I gets a handsome salary to teach mathematics at the same place.

- Ans**
- ☒ 1. I gets a handsome salary
 - ☐ 2. at the football academy, whereas
 - ☐ 3. to teach mathematics at the same place
 - ☐ 4. My brother trains young girls

Q.15 Select the most appropriate ANTONYM that can substitute the underlined segment in the given sentence.

They all felt that the movie was truly captivating and unforgettable.

- Ans**
- ☐ 1. tantalising
 - ☒ 2. repugnant
 - ☐ 3. charismatic
 - ☐ 4. relatable

Q.16 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options. Select the correct alternative.
The bread was drier and stale.

- Ans**
- ☒ 1. dry
 - ☐ 2. driest
 - ☐ 3. much drier
 - ☐ 4. more drier

Q.17 Select the most appropriate option to fill in the blank.

The scientist conducted a series of experiments to _____ his hypothesis.

- Ans**
- ☐ 1. vague
 - ☒ 2. verify
 - ☐ 3. variable
 - ☐ 4. variation

Q.18 Select the most appropriate synonym of the given word.

Reverent

- Ans**
- ☐ 1. Important
 - ☐ 2. Rushed
 - ☒ 3. Respectful
 - ☐ 4. Related

Q.19 Select the option that can be used as a one-word substitute for the given group of words.

A building where animals are butchered

- Ans**
- ☐ 1. Cemetery
 - ☒ 2. Abattoir
 - ☐ 3. Decanter
 - ☐ 4. Burrow

Q.20 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

She is someone who always discourages our enthusiasm; therefore, we have decided to keep our distance from her.

- Ans**
- ☐ 1. a nine days' wonder
 - ☐ 2. a cash cow
 - ☒ 3. a wet blanket
 - ☐ 4. a fish out of water

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Goddess Shailputri is the first form of Goddess Durga, who is worshipped ____ (1) ____ Navaratri. In this form, she is worshipped as the daughter of ____ (2) ____ Himalayas. She is the goddess ____ (3) ____ nature and is adorned with flowers. She ____ (4) ____ a bull and holds a trident in one hand and a lotus flower in another. During Navaratri, nine different forms of Durga are worshipped. Durga is a ____ (5) ____, ____ (6) ____, ____ (7) ____ deity who is also known as Adishakti—the energy that manifested to create the universe.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. by
 - ☒ 2. among
 - ☒ 3. during
 - ☒ 4. to

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Goddess Shailputri is the first form of Goddess Durga, who is worshipped ____ (1) ____ Navaratri. In this form, she is worshipped as the daughter of ____ (2) ____ Himalayas. She is the goddess ____ (3) ____ nature and is adorned with flowers. She ____ (4) ____ a bull and holds a trident in one hand and a lotus flower in another. During Navaratri, nine different forms of Durga are worshipped. Durga is a ____ (5) ____, ____ (6) ____, ____ (7) ____ deity who is also known as Adishakti—the energy that manifested to create the universe.

SubQuestion No : 22

Q.22 Select the most appropriate article to fill in blank number 2.

- Ans**
- ☒ 1. a
 - ☒ 2. the
 - ☒ 3. no article
 - ☒ 4. an

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Goddess Shailputri is the first form of Goddess Durga, who is worshipped ____ (1) ____ Navaratri. In this form, she is worshipped as the daughter of ____ (2) ____ Himalayas. She is the goddess ____ (3) ____ nature and is adorned with flowers. She ____ (4) ____ a bull and holds a trident in one hand and a lotus flower in another. During Navaratri, nine different forms of Durga are worshipped. Durga is a ____ (5) ____, ____ (6) ____, ____ (7) ____ deity who is also known as Adishakti—the energy that manifested to create the universe.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. at
 - ☒ 2. with
 - ☒ 3. around
 - ☒ 4. of

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Goddess Shailputri is the first form of Goddess Durga, who is worshipped ____ (1) ____ Navaratri. In this form, she is worshipped as the daughter of ____ (2) ____ Himalayas. She is the goddess ____ (3) ____ nature and is adorned with flowers. She ____ (4) ____ a bull and holds a trident in one hand and a lotus flower in another. During Navaratri, nine different forms of Durga are worshipped. Durga is a ____ (5) ____, ____ (6) ____, ____ (7) ____ deity who is also known as Adishakti—the energy that manifested to create the universe.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. rode
 - ☒ 2. was riding
 - ☒ 3. had ridden
 - ☒ 4. rides

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Goddess Shailputri is the first form of Goddess Durga, who is worshipped ____ (1) ____ Navaratri. In this form, she is worshipped as the daughter of ____ (2) ____ Himalayas. She is the goddess ____ (3) ____ nature and is adorned with flowers. She ____ (4) ____ a bull and holds a trident in one hand and a lotus flower in another. During Navaratri, nine different forms of Durga are worshipped. Durga is a ____ (5) ____, ____ (6) ____, ____ (7) ____ deity who is also known as Adishakti—the energy that manifested to create the universe.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blanks number 5.

- Ans**
-  1. powerful; Indian; radiant
 -  2. Indian; radiant; powerful
 -  3. powerful; radiant; Indian
 -  4. radiant; Indian; powerful

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	30/09/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

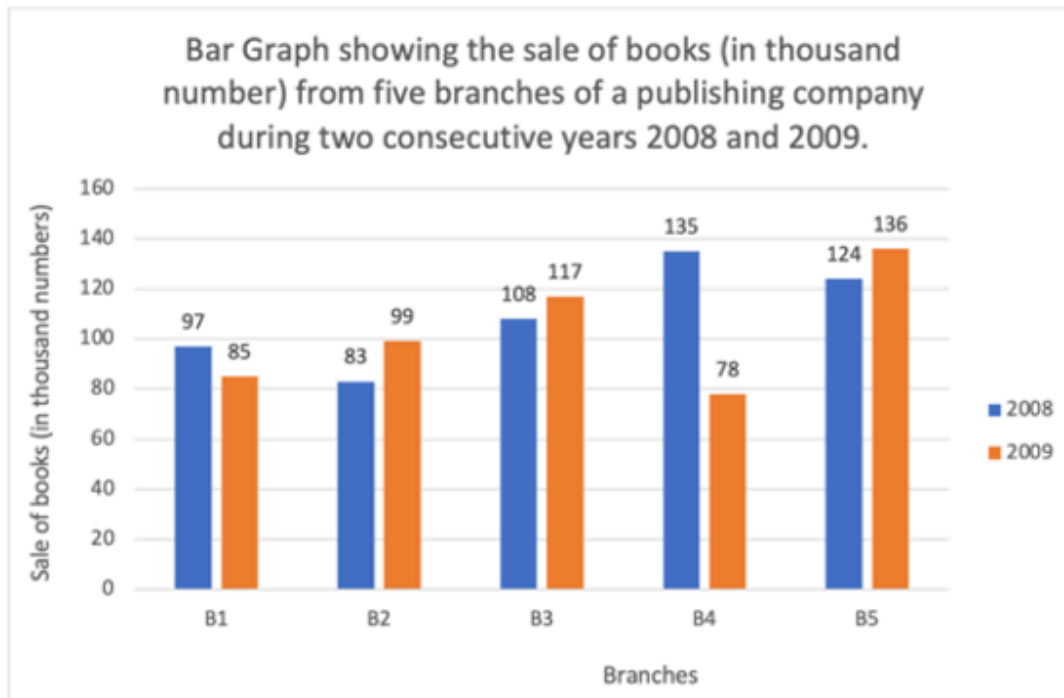
Q.1 Three numbers are in the ratio 3 : 4 : 5 and their HCF is 60. The numbers are:

- Ans
- ☐ 1. 20, 15, 12
 - ☒ 2. 180, 240, 300
 - ☐ 3. 90, 120, 150
 - ☐ 4. 45, 60, 75

Q.2 In a circular race of 1500 m, P and Q start from the same point and at the same time, at speeds of 20 km/h and 35 km/h, respectively. After what time will they meet for the first time on the track if they are running in the same direction?

- Ans
- ☐ 1. 340 sec
 - ☐ 2. 840 sec
 - ☐ 3. 640 sec
 - ☒ 4. 360 sec

Q.3 The bar graph below shows the sale of books (in thousands) from five branches of a publishing company during 2008 and 2009.



What is the ratio of the total sale of books from the branches B1, B2 and B5 in 2009 to the total sale of books from the branches B2, B3, B4 and B5 in 2008?

- Ans
- ☐ 1. 45 : 32
 - ☐ 2. 47 : 39
 - ☒ 3. 32 : 45
 - ☐ 4. 39 : 47

Q.4 The average of the numbers 253, 245, 325, 120 and $115+2K$ is 212. Find the average of the numbers 353, 354, 225, 220 and $110+3K$.

- Ans
- ☐ 1. 252
 - ☐ 2. 250
 - ☐ 3. 251
 - ☒ 4. 253

Q.5 By selling an article for ₹19.5, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 50%?

- Ans
- ☐ 1. 8.09
 - ☐ 2. 10.09
 - ☐ 3. 9.09
 - ☒ 4. 7.09

Q.6 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 68 kg and 35 kg is:

- Ans
- ☐ 1. 50.6
 - ☐ 2. 51.6
 - ☒ 3. 49.6
 - ☐ 4. 48.6

Q.7 The average score obtained by 64 boys and a certain number of girls in a test is 59.15, while the average score obtained by the boys is 55.25. If the average score of the girls is 68.75, then how many girls appeared for the test?

- Ans
- ☐ 1. 28
 - ☒ 2. 26
 - ☐ 3. 27
 - ☐ 4. 25

Q.8 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 9% per year rate of interest for 2 years.

- Ans
- ☒ 1. 360
 - ☐ 2. 320
 - ☐ 3. 300
 - ☐ 4. 400

Q.9 Two candidates contested in an election. One of them secured 62.5% of the total votes and won by 996 votes. What is the total number of votes cast?(all votes are valid)

- Ans
- ☐ 1. 1594
 - ☐ 2. 2656
 - ☒ 3. 3984
 - ☐ 4. 2988

Q.10 Ramani sells her car to Sarla at a loss of 15%. If Sarla pays ₹1,91,250 for it, then what is the cost price of the car for Ramani?

- Ans
- ☐ 1. ₹225600
 - ☒ 2. ₹2,25,000
 - ☐ 3. ₹2,75,000
 - ☐ 4. ₹3,00,000

Q.11 The lengths of the two diagonals of a rhombus are 20 cm and 23 cm. What is the area (in cm^2) of the rhombus?

- Ans
- ☐ 1. 115
 - ☒ 2. 230
 - ☐ 3. 345
 - ☐ 4. 460

Q.12 Refer to the given table and answer the question that follows.

Month	Cumulative production of cars
July	350
August	600
September	1220
October	1450
November	2080
December	2470

How many cars were manufactured in October and November?

- Ans
- ☐ 1. 840
 - ☐ 2. 880
 - ☐ 3. 900
 - ☒ 4. 860

Q.13 The height of a right circular cylinder is three times its radius. If the curved surface area of the right circular cylinder is 3696 cm^2 , then the volume of the cylinder is equal to (taking $\pi = \frac{22}{7}$):

- Ans
- ☐ 1. $25,992 \text{ cm}^3$
 - ☐ 2. $25,972 \text{ cm}^3$
 - ☐ 3. $25,892 \text{ cm}^3$
 - ☒ 4. $25,872 \text{ cm}^3$

Q.14 The average weight of a class of 115 students is 52.4 kg. If the average weight of the 63 boys is 60 kg, then find the average weight (in kg) of the girls in the class.
(Rounded off to one decimal place)

- Ans
- ☐ 1. 47.6
 - ☐ 2. 41.8
 - ☒ 3. 43.2
 - ☐ 4. 45.5

Q.15 What is the number of gold coins, each having a radius of 0.875 cm and a thickness of 2 mm, that need to be melted to create a cuboid with dimensions $5.5 \text{ cm} \times 5 \text{ cm} \times 3.5 \text{ cm}$? (Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 175
 - ☐ 2. 250
 - ☒ 3. 200
 - ☐ 4. 225

Q.16 Sharad invested two equal amounts for 6 years and 3 years at the rate of 7% and 9% per annum, respectively. The sum of their simple interest is ₹1,587. The invested amount (in ₹) by Sharad is:

- Ans
- ☐ 1. 4,374
 - ☐ 2. 4,650
 - ☐ 3. 4,550
 - ☒ 4. 4,600

Q.17 In a park there are rabbits and pigeons in the ratio 4 : 9. If legs are counted, the total number of legs is 340. Find the number of rabbits.

- Ans**
- ☒ 1. 40
 - ☐ 2. 70
 - ☐ 3. 20
 - ☐ 4. 30

Q.18 The marked price of a chair is ₹1,800 and a discount of 18% is offered on the marked price. What additional discount must be offered to the customer now to bring the net price to ₹1,220? (Correct to two places of decimals.)

- Ans**
- ☐ 1. 14.37%
 - ☒ 2. 17.34%
 - ☐ 3. 13.47%
 - ☐ 4. 31.47%

Q.19 The speed of a boat in still water is 13 km/h and the speed of the stream is 4 km/h. How much more time will it take in going upstream than ingoing downstream a distance of 68 km? (Correct to the nearest minute)

- Ans**
- ☐ 1. 3 h 30 min
 - ☐ 2. 3 h 50 min
 - ☐ 3. 2 h 55 min
 - ☒ 4. 3 h 33 min

Q.20 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 9% per year rate of interest for 3 years.

- Ans**
- ☐ 1. 770
 - ☐ 2. 750
 - ☐ 3. 850
 - ☒ 4. 810

Section : Reasoning Ability and Problem Solving

Q.1 Six students Dhiraj, Mohan, Lokesh, Param, Rohan and Suresh are sitting around a circular table, facing the centre (but not necessarily in the same order). Rohan is sitting second to the right of Suresh. Param is sitting third to the right of Rohan. Param is an immediate neighbour of both Lokesh and Suresh. Mohan and Lokesh are immediate neighbours. Who is the immediate neighbour of both Dhiraj and Mohan?

- Ans**
- ☐ 1. Suresh
 - ☐ 2. Lokesh
 - ☒ 3. Rohan
 - ☐ 4. Param

Q.2 What should come in place of the question mark (?) in the given series?

162 184 206 228 250 ?

- Ans**
- ☐ 1. 277
 - ☒ 2. 272
 - ☐ 3. 262
 - ☐ 4. 284

Q.3 In a certain code language, 'Do you follow' is coded as 'MP TQ IX' and 'How are you' is coded as 'TQ LV IJ'. How is 'you' coded in that code language?

- Ans**
- ☐ 1. LU
 - ☐ 2. IX
 - ☐ 3. MP
 - ☒ 4. TQ

Q.4 What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$90 - 6 + 69 \div 54 \times 27 = ?$

- Ans**
- ☐ 1. -43
 - ☐ 2. -45
 - ☐ 3. -44
 - ☒ 4. -42

Q.5 In a certain code language, 'clean the room' is written as 'rt yp fs' and 'room is good' is coded as 'sw rt la'. How is 'room' coded in the given language

- Ans**
-  1. yp
 -  2. fs
 -  3. rt
 -  4. sw

Q.6 What should come in place of the question mark (?) in the given series based on the English alphabetical order ?

HAF, KDI, NGL, QJO, ?

- Ans**
-  1. PQR
 -  2. RTW
 -  3. SKP
 -  4. TMR

Q.7 S, T, U, V, W and X are sitting around a circular table facing the centre (but not necessarily in the same order). W sits second to the right of U. T sits second to the right of W. X sits to the immediate right of T. Who sits to the immediate right of X?

- Ans**
-  1. V
 -  2. W
 -  3. U
 -  4. S

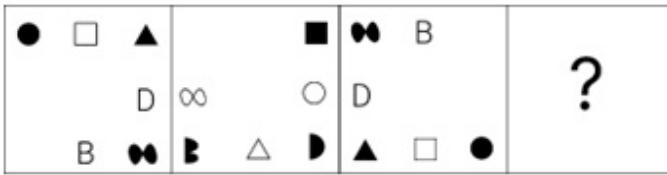
Q.8 ACDB is related to ZXWY in a certain way. In the same way, EGHF is related to VTSU. To which of the following is IKLJ related, following the same logic?

- Ans**
-  1. PROQ
 -  2. RPQO
 -  3. RPOQ
 -  4. PRQO

Q.9 UDLT is related to XGOW in a certain way based on the English alphabetical order. In the same way, ZIQY is related to CLTB. To which of the following is IQYH related, following the same logic?

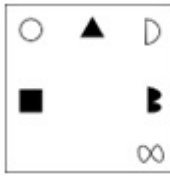
- Ans**
-  1. MKBK
 -  2. LTBK
 -  3. LGKK
 -  4. LTCL

Q.10 Select the figure from among the given options that can replace the question mark (?) in the following series.

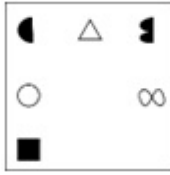


Ans

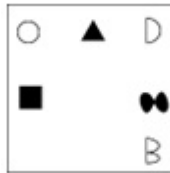
✗ 1.



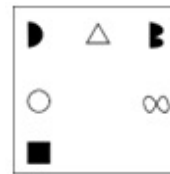
✗ 2.



✗ 3.



✓ 4.



Q.11 10 is related to 102 following a certain logic. Following the same logic, 13 is related to 171. To which of the following is 16 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans ✗ 1. 268

✗ 2. 265

✓ 3. 258

✗ 4. 251

Q.12 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(16, 3, 27)
(10, 19, 37)

Ans ✗ 1. (5, 14, 20)

✓ 2. (7, 25, 40)

✗ 3. (15, 17, 30)

✗ 4. (19, 15, 32)

Q.13 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some creepers are stones.

Some stones are buds.

Conclusions:

(I) Some buds are stones.

(II) No creeper is a bud.

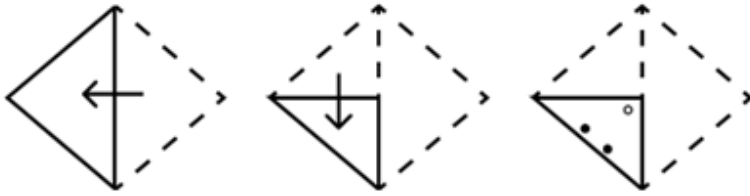
Ans ✓ 1. Only conclusion (I) follows

✗ 2. Only conclusion (II) follows

✗ 3. Neither conclusion (I) nor (II) follows

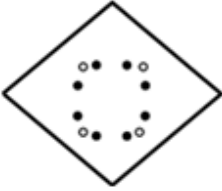
✗ 4. Both conclusions (I) and (II) follow

Q.14 A square sheet of paper is folded along the dotted line successively along the directions shown and is then punched as shown in the last figure. How would the paper look when unfolded?

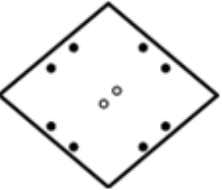


Ans

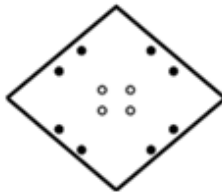
✗ 1.



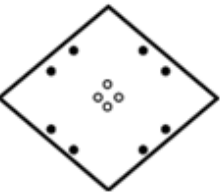
✗ 2.



✓ 3.



✗ 4.



Q.15 In a certain code language, 'MICE' is coded as '6481' and 'RICE' is coded as '1584'. What is the code for 'R' in the given code language?

Ans ✗ 1. 4

✓ 2. 5

✗ 3. 1

✗ 4. 8

Q.16 Which two signs should be interchanged to make the following equation mathematically correct?
 $49 + 7 \times 10 \div 6 - 3 = 73$

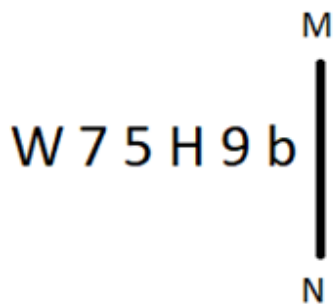
Ans ✗ 1. + and –

✓ 2. + and ÷

✗ 3. – and ×

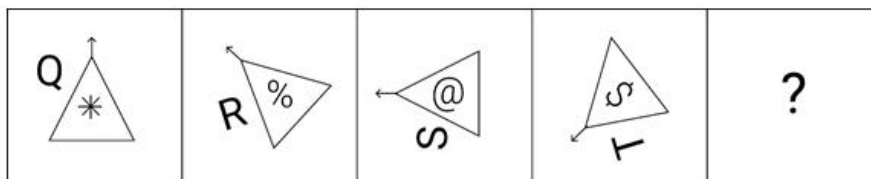
✗ 4. × and ÷

Q.17 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. d e H 5 7 W
 - ☒ 2. e p H 5 7 W
 - ☒ 3. 9 b H 2 7 W
 - ☒ 4. d e H 2 7 W

Q.18 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.



- Ans
- ☒ 1.
 - ☒ 2.
 - ☒ 3.
 - ☒ 4.

Q.19 In a certain code language, 'BATH' is coded as '9823' and 'DUMB' is coded as '1526'. How is 'B' coded in the given language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 9
 - ☐ 3. 5
 - ☒ 4. 2

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some actors are dancers.

Some dancers are singers.

Conclusions:

(I) Some actors are singers.

(II) No singer is a dancer.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☐ 2. Both conclusions I and II follow
 - ☒ 3. Neither conclusion I nor II follows
 - ☐ 4. Only conclusion I follows

Section : **General Awareness**

Q.1 Which of the following National Parks is located in Madhya Pradesh?

- Ans**
- ☐ 1. Nanda Devi
 - ☒ 2. Bandhavgarh
 - ☐ 3. Silent Valley
 - ☐ 4. Periyar

Q.2 Jyotiba Phule belonged from which state?

- Ans**
- ☐ 1. Gujarat
 - ☐ 2. Karnataka
 - ☐ 3. Tamil Nadu
 - ☒ 4. Maharashtra

Q.3 Which of the following is the compound with the chemical formula H_2SO_4 ?

- Ans**
- ☒ 1. Sulfuric Acid
 - ☐ 2. Sulfurous Acid
 - ☐ 3. Nitric Acid
 - ☐ 4. Hydrogen Sulfide

Q.4 Which country won the 4th Asian Kho-Kho Championship 2023 event in the Men's category?

- Ans**
- ☒ 1. India
 - ☐ 2. South Korea
 - ☐ 3. Iran
 - ☐ 4. Indonesia

Q.5 In which of the following states is the Behdienkhlam Festival celebrated, in which the young men make a symbolic gesture of driving away of the evil spirit, plague and disease by beating the roof of every house with bamboo poles?

- Ans**
- ☐ 1. Bihar
 - ☐ 2. Manipur
 - ☒ 3. Meghalaya
 - ☐ 4. Odisha

Q.6 On 27th october 2019, Dushyant Chautala took an oath as Deputy Chief Minister of which of the following states?

- Ans**
- ☐ 1. Himachal Pradesh
 - ☒ 2. Haryana
 - ☐ 3. Madhya Pradesh
 - ☐ 4. Punjab

Q.7 Where was Global Technology Summit 2022 held?

- Ans**
- ☐ 1. Jaipur
 - ☐ 2. Varanasi
 - ☐ 3. Bengaluru
 - ☒ 4. New Delhi

Q.8 The Hindu temples 'Hinglaj Mata' and 'Katasraj' are located in which neighbouring country of India?

- Ans**
- ☐ 1. Nepal
 - ☐ 2. Bhutan
 - ☐ 3. Sri Lanka
 - ☒ 4. Pakistan

Q.9 Who among the following personalities was the recipient of the Lata Mangeshkar Award for Music 2021, presented by the Madhya Pradesh government?

- Ans**
- ☐ 1. Udit Narayan
 - ☐ 2. Shaan
 - ☐ 3. Darshan Raval
 - ☒ 4. Kumar Sanu

Q.10 R Muthukannammal, who was awarded the Padma Shri in 2022, is a _____ dancer.

- Ans**
- ☐ 1. Garba
 - ☐ 2. Rouf
 - ☒ 3. Sadir
 - ☐ 4. Chhau

Q.11 On boiling an egg, why does the outer part become opaque and white?

- Ans**
- ☐ 1. The heat causes a change in the structure of egg protein.
 - ☐ 2. The heat causes a change in the crystal structure of egg yolk.
 - ☒ 3. The heat causes denaturation, hardening the albumin and colouring it opaque white
 - ☐ 4. The heat causes a reaction of the egg with water and makes it opaque.

Q.12 The Ganesh-rath is one of the finest monolithic temples at _____.

- Ans**
- ☐ 1. Gangaikondacholapuram
 - ☒ 2. Mahabalipuram
 - ☐ 3. Kanchipuram
 - ☐ 4. Sarnath

Q.13 Which of the following Articles on Fundamental Duties was added to the Indian Constitution by the 42nd Constitutional Amendment Act?

- Ans**
- ☒ 1. 51-A
 - ☐ 2. 52-A
 - ☐ 3. 40
 - ☐ 4. 45A

Q.14 The average separation between the sun and the earth in terms of light years is 8.311 minutes. Here, minutes indicate:

- Ans**
- ☐ 1. time
 - ☐ 2. speed
 - ☒ 3. distance
 - ☐ 4. velocity

Q.15 Calculate the Body Mass Index (BMI) of a person whose weight is 50 kg and height is 1.5 m.

Ans  1. 18.0 kg/m²

 2. 16.6 kg/m²

 3. 25.0 kg/m²

 4. 22.2 kg/m²

Q.16 Which of the following is an Indian folk dance?

Ans  1. Bihu

 2. Sattriya

 3. Bharatanatyam

 4. Mohiniyattam

Q.17 The word 'Megalith' comes from two _____ words; 'megas' means great and 'lithas' means stone.

Ans  1. Hebrew

 2. Greek

 3. English

 4. Latin

Q.18 Identify the INCORRECT pair of cropping season and related crop from the following.

Ans  1. Rabi - Wheat

 2. Rabi - Paddy

 3. Kharif - Maize

 4. Kharif – Soyabean

Q.19 The officer known as Diwan belonged to which of the following departments of the Mughal empire during Akbar's reign?

Ans  1. Military

 2. Finance

 3. Foreign affairs

 4. Judicial

Q.20 Where was the Hindu college established in the year 1791 to teach ancient Sanskrit texts?

Ans  1. Calcutta

 2. Madras

 3. Agra

 4. Banaras

Q.21 The famous Hindi novel 'Maila Aanchal' is written by:

Ans  1. Mridula Garg

 2. Phanishwar Nath Renu

 3. Shrilal Shukla

 4. Premchand

Q.22 Which of the following states of India marked the lowest in National Multi-dimensional Poverty Index: A Progress Review 2023?

Ans  1. Tamil Nadu

 2. Goa

 3. Kerala

 4. Sikkim

Q.23 The first post-independence National Games were hosted by which of the following cities?

Ans  1. Jabalpur

 2. Lucknow

 3. Delhi

 4. Madras

Q.24 Which of the following is NOT a part of the capital receipts?

- Ans**
- ☐ 1. Disinvestment
 - ☒ 2. Tax revenue
 - ☐ 3. Recovery of loan
 - ☐ 4. Borrowing

Q.25 According to Article 74(1), who is at the head of the Council of Ministers?

- Ans**
- ☐ 1. President
 - ☐ 2. Chief Justice
 - ☒ 3. Prime Minister
 - ☐ 4. Speaker of the House

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to fill in the blank.

He needs to _____ as his exams are approaching.

- Ans**
- ☐ 1. learn the ropes
 - ☐ 2. hit the sack
 - ☐ 3. bury himself in
 - ☒ 4. hit the books

Q.2 The given sentence is divided into four segments. Select the option that has the segment with the grammatical error.

Mahesh and his workers / will have been worked / on the project / for a long time.

- Ans**
- ☐ 1. for a long time
 - ☒ 2. will have been worked
 - ☐ 3. Mahesh and his workers
 - ☐ 4. on the project

Q.3 Select the most appropriate option that can substitute the underlined word in the given sentence.

Mita is smart than many other kids in the school.

- Ans**
- ☐ 1. less smart
 - ☐ 2. smartest
 - ☐ 3. most smart
 - ☒ 4. smarter

Q.4 Select the most appropriate option to fill in the blank.

The billionaire knows how to _____ money.

- Ans**
- ☐ 1. do
 - ☒ 2. make
 - ☐ 3. form
 - ☐ 4. develop

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

After she will get her degree, she moved to Germany.

- Ans**
- ☒ 1. After she got her degree
 - ☐ 2. After she gets her degree
 - ☐ 3. After she get her degree
 - ☐ 4. No substitution

Q.6 Select the most appropriate option to fill in the blank and complete the phrase/idiom.

When Jane realised that she had made a serious mistake at work, she knew she had to face the _____ and take responsibility for her actions.

- Ans**
- ☒ 1. mirror
 - ☒ 2. fun
 - ☒ 3. music
 - ☒ 4. band

Q.7 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Calender
 - ☒ 2. Conscience
 - ☒ 3. Cemetery
 - ☒ 4. Accommodate

Q.8 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Neutral
 - ☒ 2. Motevate
 - ☒ 3. Mutual
 - ☒ 4. Nostalgia

Q.9 Which of the following sentences contains an error in the use of a phrasal verb?

- Ans**
- ☒ 1. Can you please take care for my belongings for some time?
 - ☒ 2. Let's call off the picnic as there is a possibility of heavy rain.
 - ☒ 3. While visiting the library, I came across an interesting book.
 - ☒ 4. It is wise to put up with one's quarrelsome neighbours.

Q.10 Select the most appropriate word to replace the underlined word in the following sentence.

The officer was polite to the workers.

- Ans**
- ☒ 1. officious
 - ☒ 2. humble
 - ☒ 3. harsh
 - ☒ 4. adamant

Q.11 Select the most appropriate **ANTONYM** of the underlined word.

Rakesh committed the mistake, and he must be convicted.

- Ans**
- ☒ 1. Sentenced
 - ☒ 2. Acquitted
 - ☒ 3. Punished
 - ☒ 4. Crucified

Q.12 Select the most appropriate synonym of the underlined word in the given sentence.

It is impossible to think of Lady Stranleigh as an ordinary mother.

- Ans**
- ☒ 1. Usual
 - ☒ 2. Strange
 - ☒ 3. Unlucky
 - ☒ 4. Blessed

Q.13 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

By next December / we will has lived / in this city for 28 years.

- Ans**
- ☒ 1. no error
 - ☒ 2. we will has lived
 - ☒ 3. by next December
 - ☒ 4. in this city for 28 years

Q.14 Select the most appropriate option that can substitute the underlined segment in the given sentence.

It is essential that you act in accordance with the rules and regulations of the organisation.

- Ans**
- ☐ 1. fulfill
 - ☒ 2. comply
 - ☐ 3. obey
 - ☐ 4. observe

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
In accordance to / the factual data, / serious measures are required / to control the loss.

- Ans**
- ☐ 1. to control the loss
 - ☒ 2. In accordance to
 - ☐ 3. serious measures are required
 - ☐ 4. the factual data

Q.16 Select the correct spelling of the underlined word.

"Today's whether is very pleasant", said Maya.

- Ans**
- ☒ 1. Weather
 - ☐ 2. Wheather
 - ☐ 3. Weathur
 - ☐ 4. Wether

Q.17 Select the most appropriate synonym of the underlined word in the given sentence.

A detrimental attitude can always be cured with a cordial approach.

- Ans**
- ☐ 1. unmindful
 - ☒ 2. damaging
 - ☐ 3. social
 - ☐ 4. cooperative

Q.18 The following sentence has been split into four segments. Identify the segment that contains an error.

A Gita is considered / to be a dialogue between / the Pandava prince, Arjuna, / and Lord Krishna.

- Ans**
- ☐ 1. and Lord Krishna
 - ☐ 2. the Pandava prince, Arjuna
 - ☐ 3. to be a dialogue between
 - ☒ 4. A Gita is considered

Q.19 Select the most appropriate synonym of the underlined word.

The lavish party had a luxurious atmosphere and elegant decorations.

- Ans**
- ☒ 1. Excessive
 - ☐ 2. Happy
 - ☐ 3. Middling
 - ☐ 4. Simple

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

If you do not followed the rules, you will not be allowed to stay at this hostel.

- Ans**
- ☐ 1. If you should not follow the rules
 - ☐ 2. If you cannot be following the rules
 - ☐ 3. No substitution
 - ☒ 4. If you do not follow the rules

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Credit cards originated in the 1920s in the US, with European references dating back to 1890. John Biggins, 1. _____ of the first bank-issued credit card, invented the 'Charge-It' programme in 1946, 2. _____ bank customers and local merchants. In 1950, Diners Club introduced their credit card in the US, 3. _____ customers to pay restaurant bills without cash. American Express 4. _____ their first credit card in 1958, while the Bank of America introduced the Bank America Card (now Visa) in 1958. Visa, now known as the Visa International Service Association, is accepted in over 150 countries, making it one of the most 5. _____ credit cards available.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. finder
 - ☒ 2. inventor
 - ☒ 3. discoverer
 - ☒ 4. producer

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Credit cards originated in the 1920s in the US, with European references dating back to 1890. John Biggins, 1. _____ of the first bank-issued credit card, invented the 'Charge-It' programme in 1946, 2. _____ bank customers and local merchants. In 1950, Diners Club introduced their credit card in the US, 3. _____ customers to pay restaurant bills without cash. American Express 4. _____ their first credit card in 1958, while the Bank of America introduced the Bank America Card (now Visa) in 1958. Visa, now known as the Visa International Service Association, is accepted in over 150 countries, making it one of the most 5. _____ credit cards available.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. splitting
 - ☒ 2. connecting
 - ☒ 3. untangling
 - ☒ 4. smashing

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Credit cards originated in the 1920s in the US, with European references dating back to 1890. John Biggins, 1. _____ of the first bank-issued credit card, invented the 'Charge-It' programme in 1946, 2. _____ bank customers and local merchants. In 1950, Diners Club introduced their credit card in the US, 3. _____ customers to pay restaurant bills without cash. American Express 4. _____ their first credit card in 1958, while the Bank of America introduced the Bank America Card (now Visa) in 1958. Visa, now known as the Visa International Service Association, is accepted in over 150 countries, making it one of the most 5. _____ credit cards available.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. prohibiting
 - ☒ 2. enjoying
 - ☒ 3. forbidding
 - ☒ 4. allowing

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Credit cards originated in the 1920s in the US, with European references dating back to 1890. John Biggins, 1. _____ of the first bank-issued credit card, invented the 'Charge-It' programme in 1946, 2. _____ bank customers and local merchants. In 1950, Diners Club introduced their credit card in the US, 3. _____ customers to pay restaurant bills without cash. American Express 4. _____ their first credit card in 1958, while the Bank of America introduced the Bank America Card (now Visa) in 1958. Visa, now known as the Visa International Service Association, is accepted in over 150 countries, making it one of the most 5. _____ credit cards available.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. censored
 - ☐ 2. published
 - ☒ 3. issued
 - ☐ 4. suppressed

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Credit cards originated in the 1920s in the US, with European references dating back to 1890. John Biggins, 1. _____ of the first bank-issued credit card, invented the 'Charge-It' programme in 1946, 2. _____ bank customers and local merchants. In 1950, Diners Club introduced their credit card in the US, 3. _____ customers to pay restaurant bills without cash. American Express 4. _____ their first credit card in 1958, while the Bank of America introduced the Bank America Card (now Visa) in 1958. Visa, now known as the Visa International Service Association, is accepted in over 150 countries, making it one of the most 5. _____ credit cards available.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. solidify
 - ☒ 2. universal
 - ☐ 3. entitle
 - ☐ 4. amateur

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	01/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 A cylindrical disc of thickness 1 cm is made by melting two solid cylinders of radii 4 cm and 5 cm, and length 6 cm and 4 cm, respectively. The radius of the new cylinder is:

- Ans**
- ☒ 1. 14 cm
 - ☐ 2. 7 cm
 - ☐ 3. 21 cm
 - ☐ 4. 28 cm

Q.2 Chandrasekhar sold 12 identical articles for a total of ₹430, incurring a loss equal to the cost price of 7 such articles. The cost price of 1 such article is:

- Ans**
- ☒ 1. ₹86
 - ☐ 2. ₹84
 - ☐ 3. ₹60
 - ☐ 4. ₹48

Q.3 The least number of square tiles required to pave the ceiling of a room 525 centimetre long and 378 centimetre broad is:

- Ans**
- ☐ 1. 380
 - ☐ 2. 150
 - ☒ 3. 450
 - ☐ 4. 178

Q.4 Find the average of 300, 129, 49, 120 and 102.

- Ans**
- ☐ 1. 120
 - ☒ 2. 140
 - ☐ 3. 130
 - ☐ 4. 150

Q.5 The average weight of a certain number of students in a group was 72 kg. If 11 students, with an average weight of 76 kg each, leave the group, and 5 students, each with an average weight of 79 kg, join the group, the average weight of the students in the group decreases by 0.6 kg. The number of students initially in the group was:

- Ans**
- ☒ 1. 21
 - ☐ 2. 25
 - ☐ 3. 17
 - ☐ 4. 19

Q.6 The ratio of the present ages of Ram and Shyam is 3 : 4, and 4 years ago the ratio was 2 : 3. What will be the ratio of the ages of Ram and Shyam 4 years from now?

- Ans**
- ☐ 1. 1 : 5
 - ☒ 2. 4 : 5
 - ☐ 3. 2 : 5
 - ☐ 4. 3 : 5

Q.7 By selling an article for ₹20, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 20%?

- Ans**
- ☐ 1. 2.82
 - ☐ 2. 4.82
 - ☐ 3. 3.82
 - ☒ 4. 1.82

Q.8 A cylindrical tank of height 10 m and radius 5 m has a small circular cut of 0.5 m radius on its top surface. What would be the total surface area of the tank?

- Ans
- ☐ 1. $\frac{299\pi}{2} \text{ m}^2$
 - ☐ 2. $150\pi \text{ m}^2$
 - ☐ 3. $156\pi \text{ m}^2$
 - ☒ 4. $\frac{599\pi}{4} \text{ m}^2$

Q.9 A retailer allows a trade discount of 25% and a further discount of 8% on the marked price of the products, if paid along with his shop's membership card. He makes a net profit of 15% on the cost. By what percentage are the products marked up by him?

- Ans
- ☒ 1. $66\frac{2}{3}\%$
 - ☐ 2. $46\frac{1}{3}\%$
 - ☐ 3. $59\frac{2}{3}\%$
 - ☐ 4. $84\frac{1}{3}\%$

Q.10 Two successive increases of 15% each, is by what percentage more than the two successive decreases of 12% each? (Rounded off to 2 decimal places)

- Ans
- ☐ 1. 28.25%
 - ☒ 2. 42.95%
 - ☐ 3. 22.12%
 - ☐ 4. 30.56%

Q.11 A grocer mixes two varieties of tea worth ₹120/kg and ₹125/kg in a ratio to produce a new variety worth ₹122/kg. What is the ratio of the varieties to be mixed to obtain the new variety?

- Ans
- ☐ 1. 4 : 4
 - ☐ 2. 2 : 5
 - ☒ 3. 3 : 2
 - ☐ 4. 1 : 3

Q.12 Two mixers and one TV cost ₹7,000, while two TVs and one mixer cost ₹9,800. The value of one TV is:

- Ans
- ☐ 1. ₹3,600
 - ☐ 2. ₹3,200
 - ☐ 3. ₹4,600
 - ☒ 4. ₹4,200

Q.13 Two trains running towards each other on parallel tracks, at speeds of 45 km/hr and 51 km/hr, take 21 seconds to cross each other. If the length of one train is 290 m, then the length (in m) of the other train is:

- Ans
- ☐ 1. 230
 - ☐ 2. 290
 - ☒ 3. 270
 - ☐ 4. 250

Q.14 A borrows ₹89,500 for 3 years at 7% p.a. simple interest. B borrows the same amount at simple interest of 9% for the first year, 8% for the second year, and 7% for the third year. What is the total simple interest (in ₹) paid by A and B?

- Ans**
- ☐ 1. 47,025
 - ☒ 2. 40,275
 - ☐ 3. 45,027
 - ☐ 4. 42,075

Q.15 Find the area of the quadrilateral ABCD, the coordinates of whose vertices are A(6,-3),B(-4,-2),C(3,1) and D(5,0)?

- Ans**
- ☒ 1. 21 unit²
 - ☐ 2. 25 unit²
 - ☐ 3. 16 unit²
 - ☐ 4. 30 unit²

Q.16 What sum (in ₹) will earn a simple interest of ₹240 in 4 years at 12% per year rate of interest?

- Ans**
- ☒ 1. 500
 - ☐ 2. 750
 - ☐ 3. 250
 - ☐ 4. 1000

Q.17 The average of 9 numbers is 3. If the average of the first 8 of these numbers is 2, the 9th number is:

- Ans**
- ☐ 1. 14
 - ☐ 2. 15
 - ☐ 3. 12
 - ☒ 4. 11

Q.18 Simplify the following.

$$\left[1\frac{2}{3} \text{ of } 3\frac{3}{4} \div 1\frac{1}{4} + 99\frac{48}{49} \times 245 \right] - \left[\frac{3.39 \times 3.39 - 2.61 \times 2.61}{0.78} - \frac{7.50}{3.75} \right]$$

- Ans**
- ☐ 1. 24400
 - ☐ 2. 24500
 - ☒ 3. 24496
 - ☐ 4. 24492

Q.19 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 7% per year rate of interest for 5 years.

- Ans**
- ☐ 1. 915
 - ☐ 2. 815
 - ☐ 3. 835
 - ☒ 4. 875

Q.20 Ravi goes to college from his village at the speed of 5km/h and returns at the speed of 4km/h. If he takes 9 hours in all, find the distance (in km) between the village and the college.

- Ans**
- ☐ 1. 9
 - ☐ 2. 40
 - ☐ 3. 18
 - ☒ 4. 20

Q.1 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. Select the pair in which the numbers are related in the same way as are the numbers of the given pairs.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

128, 239
136, 247

- Ans**
- ☒ 1. 735, 846
 - ☐ 2. 581, 691
 - ☐ 3. 633, 724
 - ☐ 4. 845, 946

Q.2 GY 16 is related to DV 23 in a certain way. In the same way, OD 11 is related to LA 18. To which of the following is LW 13 related, following the same logic?

- Ans**
- ☐ 1. HT 19
 - ☐ 2. HS 20
 - ☒ 3. IT 20
 - ☐ 4. IS 20

Q.3 What should come in place of the question mark (?) in the given series?

26, 27, 31, 40, 56, ?

- Ans**
- ☐ 1. 73
 - ☐ 2. 77
 - ☐ 3. 71
 - ☒ 4. 81

Q.4 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some carrots are radishes.

Some cucumbers are radishes.

Conclusions:

I. All cucumbers are carrots.

II. Some cucumbers are carrots.

- Ans**
- ☐ 1. Both conclusions I and II follow
 - ☐ 2. Only conclusion I follows
 - ☒ 3. Neither conclusion I nor II follows
 - ☐ 4. Only conclusion II follows

Q.5 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All pages are candles.

All candles are books.

Conclusions:

(I) Atleast some books are pages.

(II) All candles are pages.

- Ans**
- ☐ 1. Neither conclusion (I) nor (II) follows.
 - ☒ 2. Only conclusion (I) follows.
 - ☐ 3. Only conclusion (II) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.6 In a certain code language, 'PLAY' is coded as '4831' and 'CLAY' is coded as '1824'. What is the code for 'C' in that language?

- Ans**
- ☐ 1. 4
 - ☐ 2. 8
 - ☐ 3. 1
 - ☒ 4. 2

Q.7 In a certain code language, 'TALE' is coded as '5173' and 'AIDS' is coded as '6452'.What is the code for 'A' in the given code language?

- Ans**
- ☐ 1. 1
 - ☒ 2. 5
 - ☐ 3. 6
 - ☐ 4. 2

Q.8 What will come in the place of the question mark (?) in the following equation if '–' and '×' are interchanged and '÷' and '+' are interchanged?

$$6 - 8 \div 12 + 3 \times 9 + 3 \div 17 = ?$$

- Ans**
- ☐ 1. 2
 - ☒ 2. 66
 - ☐ 3. 56
 - ☐ 4. 71

Q.9 18 is related to 80 following a certain logic. Following the same logic, 23 is related to 100. To which of the following is 36 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☐ 1. 138
 - ☒ 2. 152
 - ☐ 3. 142
 - ☐ 4. 144

Q.10 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

TKU, UNP, VQK, WTF, ?

- Ans**
- ☒ 1. XWA
 - ☐ 2. XXA
 - ☐ 3. WAW
 - ☐ 4. YXB

Q.11 What should come in place of the question mark (?) in the given series?

53, 52, 39, 38, ?, 24

- Ans**
- ☐ 1. 28
 - ☐ 2. 23
 - ☐ 3. 26
 - ☒ 4. 25

Q.12 UK 11 is related to OE 121 in a certain way. In the same way, IW 16 is related to CQ 256.To which of the following is XN 13 related following the same logic?

- Ans**
- ☐ 1. EV 189
 - ☐ 2. BN 289
 - ☒ 3. RH 169
 - ☐ 4. BZ 189

Q.13 UBIP is related to YFMT in a certain way based on the English alphabetical order. In the same way, IPWD is related to MTAH. To which of the following is OVCJ related, following the same logic?

- Ans**
- ☐ 1. SJZM
 - ☐ 2. SZMG
 - ☒ 3. SZGN
 - ☐ 4. SMGJ

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All parrots are eagles.

No parrot is a crow.

Conclusions:

(I) No eagle is a crow.

(II) All crows are parrots.

- Ans**
- ☒ 1. Only conclusion I follows
 - ☒ 2. Neither conclusion I nor II follows
 - ☒ 3. Only conclusion II follows
 - ☒ 4. Both conclusions I and II follow

Q.15 Which of the following interchanges of signs would make the given equation correct?
 $15 - 54 \times 18 + 16 \div 2 = 44$

- Ans**
- ☒ 1. + and $\times$
 - ☒ 2. - and $\div$
 - ☒ 3. - and +
 - ☒ 4. $\div$ and $\times$

Q.16 In a certain code language, '22 55 77' is coded as 'rr pp tt' and '77 66 44' is coded as 'pp kk ll' and '66 11 22' is coded as 'kk tt zz'. How is '11' coded in the given language?

- Ans**
- ☒ 1. zz
 - ☒ 2. tt
 - ☒ 3. pp
 - ☒ 4. kk

Q.17 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the center (but not necessarily in the same order). G is sitting third to the left of E. A is sitting to the immediate left of G. D is the immediate neighbour of A and B. F is sitting to the immediate left of C.

How many people are sitting between F and D when counted from the right of F?

- Ans**
- ☒ 1. Five
 - ☒ 2. Three
 - ☒ 3. Four
 - ☒ 4. Two

Q.18 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(12, 4, 160)

(6, 11, 157)

- Ans**
- ☒ 1. (9, 15, 90)
 - ☒ 2. (6, 15, 90)
 - ☒ 3. (14, 7, 245)
 - ☒ 4. (21, 4, 168)

Q.19 In a certain code language, 'EAGER' is written as 'CGGTG' and 'LEARN' is written as 'GNAPT'. How will 'HINDI' be written in that language?

- Ans**
- ☒ 1. JKNKF
 - ☒ 2. KJNKF
 - ☒ 3. KJNFK
 - ☒ 4. KJPKF

Q.20 P, Q, R, S, T and U are sitting around a circular table facing the centre (but not necessarily in the same order). P is second to the left of T. Q is an immediate neighbour of both U and P. S and P are immediate neighbours. Who among the following has both T and U as his immediate neighbours?

- Ans**
- ☐ 1. Q
 - ☐ 2. S
 - ☐ 3. P
 - ☒ 4. R

Section : **General Awareness**

Q.1 A coastal area was flooded with sea water and resulted in heavy salt deposits in the nearby area. After a few days, it was observed that many plants died. Based on these statements, which of the following is the most probable cause of the plant deaths?

- A. Plants died due to infection from sea water borne germs.
- B. Plants died due to absence of sunlight.
- C. Plants died due to plasmolysis in the plant cells.
- D. Plants died because they were eaten by sea organisms.

- Ans**
- ☐ 1. D
 - ☒ 2. C
 - ☐ 3. A
 - ☐ 4. B

Q.2 Which of the following dances of Goa is performed to celebrate the victory of the Maratha warriors over the Portuguese?

- Ans**
- ☐ 1. Zemmado
 - ☐ 2. Goff
 - ☐ 3. Morulem
 - ☒ 4. Ghodemodni

Q.3 The Universal Adult Franchise in Indian Constitution is applicable to Indian Citizens from the age of _____.

- Ans**
- ☐ 1. 22 years
 - ☐ 2. 17 years
 - ☐ 3. 21 years
 - ☒ 4. 18 years

Q.4 The Mughal emperor, Babur was a devotee of the _____ Sufi Silsila.

- Ans**
- ☐ 1. Qadri
 - ☐ 2. Chisti
 - ☐ 3. Suhrawardi
 - ☒ 4. Naqshbandi

Q.5 In which stadium did Indian cricketer Saurav Ganguly take off and waive his t-shirt?

- Ans**
- ☐ 1. Perth Stadium, Australia
 - ☐ 2. Cape Town Stadium, South Africa
 - ☒ 3. Lord's Stadium, England
 - ☐ 4. The Melbourne Cricket Ground, Australia

Q.6 Which of the following can be a basis of difference between a salamander and a house-wall lizard apart from their habitat?

- Ans**
- ☐ 1. Egg-laying feature
 - ☐ 2. Three-chambered heart
 - ☒ 3. Scales on the skin
 - ☐ 4. Cold-blood

Q.7 The PM-SVANidhi Scheme (2020) is run by which Ministry of the Government of India?

- Ans**
- ☐ 1. Ministry of Rural Development
 - ☒ 2. Ministry of Housing and Urban Affairs
 - ☐ 3. Ministry of Labour and Employment
 - ☐ 4. Ministry of Finance

Q.8 When was National Judicial Commission Bill, which is a private member bill to regulate the appointment of judges through the National Judicial Commission, introduced in Rajya Sabha?

- Ans**
- ☐ 1. July 2023
 - ☒ 2. December 2022
 - ☐ 3. March 2022
 - ☐ 4. August 2023

Q.9 The Bidar Fort of Karnataka is irregularly _____ in shape.

- Ans**
- ☒ 1. rhomboid
 - ☐ 2. circular
 - ☐ 3. rectangular
 - ☐ 4. square

Q.10 At the Sansad Ratna Awards 2023, who among the following received the Dr. APJ Abdul Kalam Lifetime Achievement Award?

- Ans**
- ☐ 1. Laxminarayan Yadav
 - ☐ 2. HD Deve Gowda
 - ☒ 3. TK Rangarajan
 - ☐ 4. Nagendra Singh

Q.11 According to Indian Meteorology, which of the following is NOT a season experienced in India?

- Ans**
- ☐ 1. The hot weather season
 - ☐ 2. The cold weather season
 - ☒ 3. Equatorial season
 - ☐ 4. The southwest monsoon season

Q.12 Which of the following Kathak dancers received the Padma Shri of 2022?

- Ans**
- ☐ 1. Shovana Narayan
 - ☒ 2. Kamalini and Nalini Asthana
 - ☐ 3. Sunayana Hazarlal Agrawal
 - ☐ 4. Shakti and Mukti Mohan

Q.13 In general, deficit is considered as a _____ concept.

- Ans**
- ☒ 1. flow
 - ☐ 2. margin
 - ☐ 3. stock
 - ☐ 4. surplus

Q.14 Which of the following age groups is considered as working population or working age in India?

- Ans**
- ☐ 1. 0-60 years
 - ☐ 2. 15-40 years
 - ☐ 3. 25-65 years
 - ☒ 4. 15-59 years

Q.15 A party recognised by the Election Commission of India that secures at least _____ of the total votes in the General Election to Lok Sabha or Legislative Assembly in four or more states in addition to winning four Lok Sabha seats is called a National Party.

- Ans**
- ☐ 1. one per cent
 - ☐ 2. eight per cent
 - ☐ 3. three per cent
 - ☒ 4. six per cent

Q.16 Bawris are traditionally used for:

- Ans**
- ☒ 1. storing and recharging water
 - ☐ 2. collecting garbage
 - ☐ 3. getting petroleum oil
 - ☐ 4. getting useful minerals

Q.17	Who was appointed as the Viceroy of India in place of Lord Wavell in February 1947?
Ans	✗ 1. Lord Linlithgow ✓ 2. Lord Mountbatten ✗ 3. Lord Willingdon ✗ 4. Lord Irwin
Q.18	Which musical duo is part of the Khayal singing lineage of the Banaras Gharana?
Ans	✗ 1. Salamat Ali and Nazakat Ali Khan ✓ 2. Rajan and Sajan Mishra ✗ 3. Subhan Kasim and Subhan Bab ✗ 4. Sandhya and Prasun Banerjee
Q.19	Which of the following novels is NOT written by Aravind Adiga?
Ans	✓ 1. The English Teacher ✗ 2. Last Man in Tower ✗ 3. The White Tiger ✗ 4. Selection Day
Q.20	Who among the following deciphered the Brahmi Script of the Mauryan period?
Ans	✗ 1. Herbert Hope Risley ✗ 2. James Mill ✗ 3. Rakhal Das Banerji ✓ 4. James Prinsep
Q.21	The IUPAC name of $\text{CH}_3\text{-(CH}_2\text{)}_{18}\text{-CH}_3$ is _____.
Ans	✓ 1. icosane ✗ 2. decane ✗ 3. dodecane ✗ 4. triacontane
Q.22	Hornbill festival is organised every year in which of the following states?
Ans	✗ 1. Tripura ✓ 2. Nagaland ✗ 3. Sikkim ✗ 4. Goa
Q.23	After which of the following Acts did India come to be governed in the name of the British crown?
Ans	✗ 1. Charter Act of 1833 ✗ 2. Government of India Act, 1919 ✓ 3. Government of India Act, 1858 ✗ 4. Charter Act of 1853
Q.24	Who was the Indian match referee in the ICC - T20 World Cup 2021 tournament?
Ans	✗ 1. Venkatesh Prasad ✗ 2. Sunil Gavaskar ✗ 3. Rahul Dravid ✓ 4. Javagal Srinath
Q.25	What is the approx width of broad-gauge railway network in India?
Ans	✗ 1. 1 metre ✓ 2. 1.6 metres ✗ 3. 1.2 metres ✗ 4. 1.3 metres

Q.1 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

She is / as more intelligent as / her brothers are.

- Ans**
- ☒ 1. She is
 - ☐ 2. as more intelligent as
 - ☒ 3. No error.
 - ☒ 4. her brothers are.

Q.2 Select the **INCORRECTLY** spelt word from the given sentence.

The gardener's meticulous care ensured the vibrant colours of the flowers.

- Ans**
- ☒ 1. Meticulous
 - ☒ 2. Care
 - ☒ 3. Gardener's
 - ☐ 4. Vibrant

Q.3 Select the most appropriate option to fill in the blank.

The _____ of the scientific experiment raised questions about the validity of the results.

- Ans**
- ☒ 1. meticulousness
 - ☒ 2. transparency
 - ☐ 3. ambiguity
 - ☒ 4. verbosity

Q.4 Select the option that rectifies the spelling error in the given sentence.
The student received an A+ for her excellent performance.

- Ans**
- ☐ 1. excellent
 - ☒ 2. performence
 - ☒ 3. performance
 - ☒ 4. excelleant

Q.5 Select the most appropriate synonym of the given word.

Inspire

- Ans**
- ☒ 1. Aspire
 - ☒ 2. Daunt
 - ☒ 3. Reach
 - ☐ 4. Stimulate

Q.6 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He dropped out / at his friend's house / on his way home / the day before yesterday.

- Ans**
- ☐ 1. He dropped out
 - ☒ 2. at his friend's house
 - ☒ 3. the day before yesterday
 - ☒ 4. on his way home

Q.7 Select the present perfect tense of the verb given in the brackets to fill in the blank.

Alex _____ (study) two programming languages.

- Ans**
- ☐ 1. has studied
 - ☒ 2. have study
 - ☒ 3. has been studying
 - ☒ 4. had studied

Q.8 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. stringent
 - ☒ 2. perepharal
 - ☒ 3. tentative
 - ☒ 4. belated

Q.9 Select the most appropriate synonym of 'scanty' in the sentence given below.
India has varied regions which have excess, moderate and deficient rainfall all through the year.

- Ans**
- ☒ 1. Excess
 - ☒ 2. Varied
 - ☒ 3. Deficient
 - ☒ 4. Moderate

Q.10 Select the correctly spelt word to fill in the blank.
Arvind wanted to bake a cake for Riya's birthday, so he mixed the _____, eggs and butter.

- Ans**
- ☒ 1. flower
 - ☒ 2. flour
 - ☒ 3. flover
 - ☒ 4. flower

Q.11 Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.

The disposal of hazardous waste in hospitals and factories is a serious problem and needs to be taken care of urgently.

- Ans**
- ☒ 1. belligerent
 - ☒ 2. benign
 - ☒ 3. dangerous
 - ☒ 4. hazy

Q.12 Select the most appropriate option that can substitute the underlined segment in the sentence.

She was deeply effected by the news, to the point of tears.

- Ans**
- ☒ 1. affected by
 - ☒ 2. affected of
 - ☒ 3. affect from
 - ☒ 4. effected from

Q.13 Select the most appropriate option to fill in the blank.

Please put the dishes in the _____ after you finish eating.

- Ans**
- ☒ 1. shrink
 - ☒ 2. sink
 - ☒ 3. cinque
 - ☒ 4. sync

Q.14 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Raghav, who studies tourism at present, is planning to go abroad after his graduation.

- Ans**
- ☒ 1. will study
 - ☒ 2. studied
 - ☒ 3. study
 - ☒ 4. is studying

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The society / of the / our place / is good.

- Ans**
- ☒ 1. our place
 - ☒ 2. is good
 - ☒ 3. of the
 - ☒ 4. The society

Q.16 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
I am / cleaning the sofa / when she called me.

- Ans**
- ☒ 1. when she called me
 - ☒ 2. I am
 - ☒ 3. cleaning the sofa
 - ☒ 4. No error

Q.17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The teacher checked / whether each of them / have a blanket / as it was a cold night.

- Ans**
- ☒ 1. have a blanket
 - ☒ 2. The teacher checked
 - ☒ 3. whether each of them
 - ☒ 4. as it was a cold night

Q.18 Select the most appropriate expression that can substitute the underlined word in the given sentence.
Sonali is contemplating whether to accept the offer from Saanvi or not; she is still not in a position to be able to arrive at a decision.

- Ans**
- ☒ 1. blowing hot and cold
 - ☒ 2. raising the eyebrows
 - ☒ 3. chewing the cud
 - ☒ 4. getting her act together

Q.19 You overhear someone say, "He's always on cloud nine." What does this idiom mean in the given context?

- Ans**
- ☒ 1. Frequently daydreaming
 - ☒ 2. Always busy
 - ☒ 3. Often absent
 - ☒ 4. Extremely happy

Q.20 Select the most appropriate option to fill in the blank.

The student leader has _____ politics recently.

- Ans**
- ☒ 1. gathered
 - ☒ 2. entered
 - ☒ 3. jumped
 - ☒ 4. approached

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was one January morning, very early — a pinching, frosty morning — the cove all grey ____ 1 ____ hoar-frost and the ripple lapping softly on the stones. The captain had ____ 2 ____ earlier than usual and set out down the beach. Mother was upstairs with father and I was ____ 3 ____ the breakfast table against the captain's return when the parlour door opened and a man stepped in on whom I had never set my eyes before. He was a pale, tallowy creature, wanting two fingers of the left hand, and ____ 4 ____ he wore a cutlass, he did not look much like a fighter. I had always my eye open for seafaring ____ 5 ____ with one leg or two, and I remember this one puzzled me.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. with
 - ☒ 2. among
 - ☒ 3. amongst
 - ☒ 4. about

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was one January morning, very early — a pinching, frosty morning — the cove all grey ____ 1 ____ hoar-frost and the ripple lapping softly on the stones. The captain had ____ 2 ____ earlier than usual and set out down the beach. Mother was upstairs with father and I was ____ 3 ____ the breakfast table against the captain's return when the parlour door opened and a man stepped in on whom I had never set my eyes before. He was a pale, tallowy creature, wanting two fingers of the left hand, and ____ 4 ____ he wore a cutlass, he did not look much like a fighter. I had always my eye open for seafaring ____ 5 ____ with one leg or two, and I remember this one puzzled me.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. waltzed
 - ☒ 2. written
 - ☒ 3. danced
 - ☒ 4. risen

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was one January morning, very early — a pinching, frosty morning — the cove all grey ____ 1 ____ hoar-frost and the ripple lapping softly on the stones. The captain had ____ 2 ____ earlier than usual and set out down the beach. Mother was upstairs with father and I was ____ 3 ____ the breakfast table against the captain's return when the parlour door opened and a man stepped in on whom I had never set my eyes before. He was a pale, tallowy creature, wanting two fingers of the left hand, and ____ 4 ____ he wore a cutlass, he did not look much like a fighter. I had always my eye open for seafaring ____ 5 ____ with one leg or two, and I remember this one puzzled me.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. laying
 - ☒ 2. playing
 - ☒ 3. lying
 - ☒ 4. throwing

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was one January morning, very early — a pinching, frosty morning — the cove all grey ____ 1 ____ hoar-frost and the ripple lapping softly on the stones. The captain had ____ 2 ____ earlier than usual and set out down the beach. Mother was upstairs with father and I was ____ 3 ____ the breakfast table against the captain's return when the parlour door opened and a man stepped in on whom I had never set my eyes before. He was a pale, tallowy creature, wanting two fingers of the left hand, and ____ 4 ____ he wore a cutlass, he did not look much like a fighter. I had always my eye open for seafaring ____ 5 ____ with one leg or two, and I remember this one puzzled me.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. threw
 - ☒ 2. though
 - ☒ 3. through
 - ☒ 4. throw

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was one January morning, very early — a pinching, frosty morning — the cove all grey ____ 1 ____ hoar-frost and the ripple lapping softly on the stones. The captain had ____ 2 ____ earlier than usual and set out down the beach. Mother was upstairs with father and I was ____ 3 ____ the breakfast table against the captain's return when the parlour door opened and a man stepped in on whom I had never set my eyes before. He was a pale, tallowy creature, wanting two fingers of the left hand, and ____ 4 ____ he wore a cutlass, he did not look much like a fighter. I had always my eye open for seafaring ____ 5 ____ with one leg or two, and I remember this one puzzled me.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans
- ☒ 1. flowers
 - ☒ 2. men
 - ☒ 3. plants
 - ☒ 4. birds

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	01/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Find the HCF of 24, 36 and 60.

- Ans
- ☒ 1. 360
 - ☒ 2. 12
 - ☒ 3. 4
 - ☒ 4. 6

Q.2 A bought an item for ₹384 and sold it for ₹576 and B bought another item for ₹1,254 and sold it for ₹1,672. What is the ratio of gain % of A to gain % of B?

- Ans
- ☒ 1. $\frac{3}{2}$
 - ☒ 2. $\frac{5}{3}$
 - ☒ 3. $\frac{3}{4}$
 - ☒ 4. $\frac{5}{2}$

Q.3 A 725 m long train passes through a 235 m long tunnel in 48 sec. Find the speed of the train.

- Ans
- ☒ 1. 72 km/h
 - ☒ 2. 66 km/h
 - ☒ 3. 82 km/h
 - ☒ 4. 54 km/h

Q.4 A hemispherical bowl is of radius 7.7 cm. It is to be painted from inside as well as outside. Find the cost (in ₹) of painting the bowl at a rate of ₹17 per 7 cm^2 .

$$\left[\text{Take } \pi = \frac{22}{7} \right]$$

- Ans
- ☒ 1. 1810.16
 - ☒ 2. 1025.24
 - ☒ 3. 745.36
 - ☒ 4. 1620.35

Q.5 If the curved surface area of a cylindrical pipe is $44,000 \text{ cm}^2$ and its diameter is 5 cm, find its length.

$$\left(\text{Take } \pi = \frac{22}{7} \right)$$

- Ans
- ☒ 1. 24.5 m
 - ☒ 2. 19 m
 - ☒ 3. 28 m
 - ☒ 4. 14 m

Q.6 If tea that costs ₹7.50 per kg is mixed with tea that costs ₹10.50 per kg in the proportion of 2 : 1 then, what is the cost (in ₹) of the resultant mixture per kg?

- Ans**
- ☐ 1. 7.50
 - ☐ 2. 9.00
 - ☒ 3. 8.50
 - ☐ 4. 7.00

Q.7 A person deposited ₹2,500 in a bank that pays 8% simple interest. He withdrew ₹1,000 (from amount) at the end of the first year. What will be his balance after 4 years?

- Ans**
- ☒ 1. ₹2,108
 - ☐ 2. ₹2,480
 - ☐ 3. ₹2,280
 - ☐ 4. ₹2,018

Q.8 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 4% per year rate of interest for 5 years.

- Ans**
- ☐ 1. 440
 - ☐ 2. 460
 - ☒ 3. 500
 - ☐ 4. 540

Q.9 Sunil, Basid, Vikram, and Kuldeep receive salaries in the ratio of 3 : 7 : 8 : 13. If the difference between the salaries of Sunil and Basid is ₹2,000, then what is the difference between the salaries (in ₹) of Vikram and Kuldeep?

- Ans**
- ☐ 1. 2,200
 - ☐ 2. 2,000
 - ☐ 3. 2,400
 - ☒ 4. 2,500

Q.10 A class of 30 students appeared in a test. The average score of 12 students is 80, and that of the rest is 70. What is the average score of the class?

- Ans**
- ☐ 1. 87
 - ☐ 2. 77
 - ☒ 3. 74
 - ☐ 4. 67

Q.11 By selling an article for ₹19, a dealer makes a profit of 20%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 40%?

- Ans**
- ☒ 1. 3.17
 - ☐ 2. 5.17
 - ☐ 3. 6.17
 - ☐ 4. 4.17

Q.12 If 4% of (A + B) is equal to 28% of (A – B), then find A : B.

- Ans**
- ☒ 1. 4 : 3
 - ☐ 2. 1 : 3
 - ☐ 3. 3 : 4
 - ☐ 4. 2 : 3

Q.13 A shopkeeper makes a 15% profit on a sale. He would have made 18%, if he had sold it for Rs.18 more. The cost price of the article is:

- Ans**
- ☐ 1. Rs.500
 - ☐ 2. Rs.650
 - ☐ 3. Rs.550
 - ☒ 4. Rs.600

Q.14 Manpreet offers two successive discounts of 12% and 8% on the sale of a sweater to his customers on the occasion of Diwali. What is the equivalent single percentage discount offered by Manpreet?

- Ans**
- ☐ 1. 19.64%
 - ☐ 2. 20.00%
 - ☐ 3. 20.96%
 - ☒ 4. 19.04%

Q.15 A solid cylinder with a height of 8 units and a radius of 3.5 units is to be covered with a paper sheet. If the cost of the paper sheet is ₹40 per 5 square units, the cost (in ₹) of covering the cylinder is _____ (take $\pi = \frac{22}{7}$).

- Ans**
- ☒ 1. 2024
 - ☐ 2. 1012
 - ☐ 3. 1664
 - ☐ 4. 2268

Q.16 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 4% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 360
 - ☒ 2. 400
 - ☐ 3. 340
 - ☐ 4. 440

Q.17 A merchant has 5000 kg of Basmati rice. He sells some part of this Basmati rice at 20% profit and the rest at 35% profit. He gains 29% in the entire transaction. What is the quantity sold at 20% profit and 35% profit, respectively?

- Ans**
- ☐ 1. 1800 kg, 3200 kg
 - ☒ 2. 2000 kg, 3000 kg
 - ☐ 3. 2200 kg, 2800 kg
 - ☐ 4. 2600 kg, 2400 kg

Q.18 The value of $3 \div \left[(9 - 4) \div \left\{ (4 - 2) + \left(4 + \frac{8}{15} \right) \right\} \right]$ is:

- Ans**
- ☐ 1. $\frac{44}{15}$
 - ☐ 2. $\frac{98}{15}$
 - ☐ 3. $\frac{15}{98}$
 - ☒ 4. $\frac{98}{25}$

Q.19 A train travelling at a speed of 60 km/h leaves station A at 7:00 a.m. and another train travelling at a speed of 84 km/h starts from station A at 9:30 a.m. in the same direction on a parallel track. At what distance (in km) from station A and after how many hours of travel of the second train will they be together? Express your answer in the same order.

- Ans**
- ☐ 1. 495, 8.25
 - ☐ 2. 375, 6.25
 - ☒ 3. 525, 6.25
 - ☐ 4. 693, 8.25

Q.20 The average weight of a group of 20 women was calculated as 58.5 kg and it was later discovered that the weight of one of the women was read as 35 kg, whereas her actual weight was 65 kg. What is the actual average weight of the group of 20 women?

- Ans**
- ☐ 1. 40 kg
 - ☒ 2. 60 kg
 - ☐ 3. 70 kg
 - ☐ 4. 50 kg

Section : **Reasoning Ability and Problem Solving**

Q.1 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All bottles are rocks.

All rocks are plates.

Conclusions:

(I) At least some plates are bottles.

(II) All bottles are plates.

- Ans**
- ☐ 1. Neither conclusion (I) nor (II) follows.
 - ☐ 2. Only conclusion (I) follows.
 - ☒ 3. Both conclusions (I) and (II) follow.
 - ☐ 4. Only conclusion (II) follows.

Q.2 Which of the following letter-clusters will replace the question mark (?) in the given series to make it logically complete?
EMU, DNT, COS, BPR, ?

- Ans**
- ☒ 1. AQQ
 - ☐ 2. FCD
 - ☐ 3. BST
 - ☐ 4. UBO

Q.3 In a certain code language, 'BRIGHT' is coded as '371562', and 'GIRTHS' is coded as '653782'. What is the code for 'B' in 'BRIGHT'?

- Ans**
- ☐ 1. 8
 - ☐ 2. 2
 - ☒ 3. 1
 - ☐ 4. 7

Q.4 What will come in the place of '?' in the following equation, if '+' and '×' are interchanged and '-' and '÷' are interchanged?
 $17 + 77 - 7 \times 37 \div 47 = ?$

- Ans**
- ☐ 1. 187
 - ☒ 2. 177
 - ☐ 3. 167
 - ☐ 4. 157

Q.5 10 is related to 75 following a certain logic. Following the same logic, 6 is related to 47. To which of the following is 15 related following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 164
 - ☒ 2. 110
 - ☐ 3. 123
 - ☐ 4. 156

Q.6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All shirts are trousers.

No trouser is a belt.

Conclusions:

(I) No shirt is a belt.

(II) Some belts may be trousers.

- Ans**
- ☐ 1. Both conclusions I and II follow
 - ☐ 2. Neither conclusion I nor II follows
 - ☐ 3. Only conclusion II follows
 - ☒ 4. Only conclusion I follows

Q.7 In a certain code language, 'BORDER' is coded as 'OBDRRE' and 'BEYOND' is coded as 'EBOYDN'. How will 'BURDEN' be coded in the same language?

- Ans**
- ☒ 1. UBDRNE
 - ☐ 2. UBRDNE
 - ☐ 3. UBDREN
 - ☐ 4. NEDRUB

Q.8 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/ subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(1, 5, 18)
(5, 3, 24)

- Ans**
- ☐ 1. (2, 4, 9)
 - ☒ 2. (7, 1, 24)
 - ☐ 3. (6, 5, 32)
 - ☐ 4. (4, 2, 12)

Q.9 WY34 is related to AC46 in a certain way. In the same way, RT58 is related to VX70. To which of the following is HJ32 related following the same logic?

- Ans**
- ☐ 1. LN43
 - ☒ 2. LN44
 - ☐ 3. NL43
 - ☐ 4. NL44

Q.10 What should come in place of the question mark (?) in the following series?
2, 7, 16, 29, ? , 67, 92

- Ans**
- ☐ 1. 49
 - ☐ 2. 47
 - ☐ 3. 48
 - ☒ 4. 46

Q.11 Seven people R, S, T, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). T is sitting to the immediate right of G. R is sitting to the immediate right of E. Only two people are sitting between D and S when counted from the right of S. E is an immediate neighbour of S. If F is not an immediate neighbour of S, who is sitting third to the left of F?

- Ans**
- ☐ 1. T
 - ☒ 2. E
 - ☐ 3. S
 - ☐ 4. R

Q.12 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$456 \times 4 - 3 \div 11 + 70 = ?$$

- Ans**
- ☒ 1. 77
 - ☐ 2. 87
 - ☐ 3. 84
 - ☐ 4. 79

Q.13 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

Some whales are sharks.

No shark is a dolphin.

Conclusions:

(I) No dolphin is a shark.

(II) Some sharks are whales.

- Ans**
- ☒ 1. Both conclusions I and II follow.
 - ☐ 2. Only conclusion I follows.
 - ☐ 3. Only conclusion II follows.
 - ☐ 4. Neither conclusion I nor II follows.

Q.14 In a certain code language, 'VOLT' is coded as '3517' and 'TURN' is coded as '2348'. What is the code for 'T' in that language?

- Ans**
- ☐ 1. 2
 - ☐ 2. 8
 - ☐ 3. 7
 - ☒ 4. 3

Q.15 CE 77 is related to IK 87 in a certain way. In the same way, GJ 52 is related to MP 62. To which of the following is BG 43 related following the same logic?

- Ans**
- ☐ 1. NZ 30
 - ☒ 2. HM 53
 - ☐ 3. XY 35
 - ☐ 4. WZ 20

Q.16 Six friends are sitting on a circular table, facing towards the centre (but not necessarily in the same order) . X is to the immediate left of Z and W is to the immediate right of Y. Z and U are separated by only one person sitting between them. W is an immediate neighbour of U. Only V is sitting between Z and Y. Who among the following are the immediate neighbours of U?

- Ans**
- ☐ 1. Z and Y
 - ☐ 2. W and Y
 - ☐ 3. W and V
 - ☒ 4. X and W

Q.17 What should come in place of the question mark (?) in the given series?

10, 22, 46, 94, 190, ?

- Ans**
- ☐ 1. 385
 - ☒ 2. 382
 - ☐ 3. 389
 - ☐ 4. 387

Q.18 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

8, 30
12, 46

- Ans**
- ☒ 1. 15, 61
 - ☒ 2. 16, 62
 - ☒ 3. 15, 62
 - ☒ 4. 16, 61

Q.19 In a certain code language, 'make some noise' is written as 'ja sp ko' and 'noise is painful' is written as 'la ma sp'. How will 'noise' be written in that language?

- Ans**
- ☒ 1. sp
 - ☒ 2. la
 - ☒ 3. ko
 - ☒ 4. ma

Q.20 MJHI is related to TQOP in a certain way. In the same way, GDBC is related to NKIJ. To which of the following is XUST related following the same logic?

- Ans**
- ☒ 1. EABZ
 - ☒ 2. BZAC
 - ☒ 3. DABZ
 - ☒ 4. EBZA

Section : **General Awareness**

Q.1 As per Article 51A of the Constitution of India, Fundamental Duty (h) is to develop the _____, humanism and the spirit of inquiry and reform.

- Ans**
- ☒ 1. scientific temper
 - ☒ 2. cultural temper
 - ☒ 3. sociological temper
 - ☒ 4. religious temper

Q.2 Which of the following statements is/are FALSE for the Harappan town planning?

1. Most of the towns have citadel in harappan civilization.
2. Every town had a temple in Harappan civilization.
3. Every building was made of sand stone in Harappan civilization.

- Ans**
- ☒ 1. Both 2 and 3
 - ☒ 2. Only 1
 - ☒ 3. Both 1 and 3
 - ☒ 4. Both 1 and 2

Q.3 Which Article of the Constitution of India specifically addresses the qualifications for the office of the President?

- Ans**
- ☒ 1. Article 56
 - ☒ 2. Article 50
 - ☒ 3. Article 58
 - ☒ 4. Article 60

Q.4 What is the name of Formula E's first ever race in India, which was hosted in collaboration with the Telangana government?

- Ans**
- ☒ 1. The 2023 Greenko Hyderabad E-Prix
 - ☒ 2. The 2023 Mahindra Bangalore E-Prix
 - ☒ 3. The 2023 Mahindra Mumbai E-Prix
 - ☒ 4. The 2023 Greenko Buddha Circuit E-Prix

Q.5 The Steel Authority of India Limited (SAIL) is an example of the _____ industry.

- Ans**
- ☒ 1. public sector
 - ☐ 2. joint sector
 - ☐ 3. private sector
 - ☐ 4. cooperative sector

Q.6 The autobiography of which of the following actors is titled 'The Substance And The Shadow: An Autobiography'?

- Ans**
- ☐ 1. Vinod Khanna
 - ☒ 2. Dilip Kumar
 - ☐ 3. Rajesh Khanna
 - ☐ 4. Rishi Kapoor

Q.7 Non-polar molecules possess _____.

- Ans**
- ☐ 1. partial charge
 - ☒ 2. instantaneous dipole moment
 - ☐ 3. permanent dipole moment
 - ☐ 4. no dipole moment

Q.8 During which centuries did several Buddhist pilgrims and scholars travel to China on the historic 'silk route'?

- Ans**
- ☒ 1. First, second and third centuries AD
 - ☐ 2. Fourth and fifth centuries AD
 - ☐ 3. Eighth and ninth centuries AD
 - ☐ 4. Sixth and seventh centuries AD

Q.9 According to the National Multidimensional Poverty Index 2021, which Union Territory has the lowest proportion of poor?

- Ans**
- ☐ 1. Chandigarh
 - ☐ 2. Delhi
 - ☐ 3. Lakshadweep
 - ☒ 4. Puducherry

Q.10 In which state is Kawal Wildlife Sanctuary located?

- Ans**
- ☒ 1. Telangana
 - ☐ 2. Gujarat
 - ☐ 3. Maharashtra
 - ☐ 4. Odisha

Q.11 Which of the following options correctly matches column-A and column-B?

Column-A (Food component) Column-B (Enzyme involved in digestion)

- i. Protein a. Amylase
ii. Carbohydrates b. Lipase
iii. Fats c. Trypsin

- Ans**
- ☒ 1. i-c, ii-a, iii-b
 - ☐ 2. i-a, ii-c, iii-b
 - ☐ 3. i-a, ii-b, iii-c
 - ☐ 4. i-b, ii-a, iii-c

Q.12 Which Indian dancer of the Manipuri style won the Tagore Award for Cultural Harmony in 2014?

- Ans**
- ☐ 1. Nirmala Mehta
 - ☒ 2. Rajkumar Singhajit Singh
 - ☐ 3. Guru Bipin Sinha
 - ☐ 4. Elam Endira Devi

Q.13 Which edition of the Intercontinental Cup event was played in India in 2023?

- Ans**
- ☒ 1. 3rd
 - ☐ 2. 5th
 - ☐ 3. 1st
 - ☐ 4. 10th

Q.14 A process like river bifurcation can create valuable landforms for the environment, providing growth of vegetation. An example of such landform is _____.

- Ans**
- ☐ 1. potholes
 - ☐ 2. V-shaped valleys
 - ☐ 3. cascades
 - ☒ 4. river deltas

Q.15 Who among the following led the Parliamentary delegation to participate in the 9th BRICS Parliamentary Forum in September 2023?

- Ans**
- ☐ 1. Om Birla
 - ☒ 2. Harivansh Narayan Singh
 - ☐ 3. Nitin Gadkari
 - ☐ 4. Jagdeep Dhankar

Q.16 When was the All Bengal Students Conference held in the chairmanship of Jawaharlal Nehru?

- Ans**
- ☐ 1. 1939
 - ☐ 2. 1934
 - ☒ 3. 1928
 - ☐ 4. 1920

Q.17 In October 2023, Maharashtra government planned which of the following schemes to overhaul its medical system after the death of 38 patients in Nanded?

- Ans**
- ☐ 1. Arogya Mission
 - ☒ 2. Vision 2035
 - ☐ 3. Ayushman Maharashtra
 - ☐ 4. Sahakar Mitra

Q.18 The Taj Mahal was built by who among the following?

- Ans**
- ☒ 1. Shah Jahan
 - ☐ 2. Jahangir
 - ☐ 3. Akbar
 - ☐ 4. Babar

Q.19 In the context of microfinance, what does 'S' stand for in SHG?

- Ans**
- ☐ 1. Social
 - ☒ 2. Self
 - ☐ 3. Sustainable
 - ☐ 4. Steady

Q.20 Select the synthetic indicator from among the given options.

- Ans**
- ☒ 1. Methyl orange
 - ☐ 2. Turmeric
 - ☐ 3. Litmus solution
 - ☐ 4. Cabbage juice

Q.21 Which classical dance form is performed by the renowned artists; Sitara Devi, Rohini Bhate, Pandit Munnalal Shukla, Kumudini Lakhia and Uma Sharma?

Ans  1. Kuchipudi
 2. Odissi
 3. Kathak
 4. Bharatanatyam

Q.22 Who among the following was the most important god of the Aryans?

Ans  1. Marut
 2. Pashupatinath
 3. Indra
 4. Agni

Q.23 In which state is 'Bhogali Bihu' festival celebrated?

Ans  1. Jharkhand
 2. Assam
 3. Gujarat
 4. Chhattisgarh

Q.24 The Ramoshi Uprising of 1824 took place in which of the following present states of India?

Ans  1. Maharashtra
 2. Uttar Pradesh
 3. Tamil Nadu
 4. West Bengal

Q.25 _____ was the pioneer who modified the Hawaiian slide guitar to play classical ragas.

Ans  1. Buddhadev Dasgupta
 2. Brij Bhushan Kabra
 3. Palghat Raghu
 4. Krishna Ram Chaudhary

Section : **English Language and Comprehension**

Q.1 Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.

She accused her sister of being vindictive when she was trying to defame her.

Ans  1. vigilant
 2. righteous
 3. venerable
 4. revengeful

Q.2 Select the most appropriate ANTONYM of the given word.

Enmity

Ans  1. Friendship
 2. Hostility
 3. Antipathy
 4. Malignity

Q.3 Select the most appropriate ANTONYM of the highlighted word in the given sentence.

The athlete demonstrated remarkable agility during the gymnastics routine.

Ans  1. Nimbleness
 2. Flexibility
 3. Stiffness
 4. Prowess

Q.4 Select the option that expresses the given sentence in future tense form.
Since next Friday, the team of three members has been tracking the animal.

- Ans**
- ☒ 1. Since last Friday, the team of three members had tracked the animal.
 - ☒ 2. From next Friday, the team of three members are tracking the animal.
 - ☒ 3. From next Friday, the team of three members will be tracking the animal.
 - ☒ 4. From next Friday, the team of three members have been tracking the animal.

Q.5 Select the most appropriate option to fill in the blank.

The loud thunder _____ the children, making them cry.

- Ans**
- ☒ 1. fainted
 - ☒ 2. fancied
 - ☒ 3. frightened
 - ☒ 4. fastened

Q.6 Select the most appropriate option to substitute the underlined segment in the given sentence.

They looked out the matter and found the root cause of the problem.

- Ans**
- ☒ 1. looked into the matter and found
 - ☒ 2. looked until the matter and found
 - ☒ 3. looked of the matter and found
 - ☒ 4. looked unless the matter and found

Q.7 Select the most appropriate meaning of the given idiom.

Apple of one's eye

- Ans**
- ☒ 1. Very stubborn
 - ☒ 2. Very precious
 - ☒ 3. Very strong
 - ☒ 4. Very docile

Q.8 Change the following sentence into superlative degree.

No other mountain in the world is as high as the Mount Everest.

- Ans**
- ☒ 1. No other mountain is highest than Mount Everest.
 - ☒ 2. Mount Everest is the highest mountain in the world.
 - ☒ 3. Mount Everest is high mountain in the world.
 - ☒ 4. Mount Everest is higher than any other mountain in the world.

Q.9 Select the most appropriate option to fill in the blank.

My grandparents live in a beautiful house _____ the countryside.

- Ans**
- ☒ 1. at
 - ☒ 2. onto
 - ☒ 3. on
 - ☒ 4. in

Q.10 Select the correct spelling of the underlined word in the given sentence.

Rahul's personality is complamented by his confident looks.

- Ans**
- ☒ 1. complimented
 - ☒ 2. complemented
 - ☒ 3. complieminted
 - ☒ 4. complamanted

Q.11 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Placing a huge magnet atop the temple pose to being the biggest hurdle for the masons.

- Ans**
- ☒ 1. poses for being
 - ☒ 2. posed to be
 - ☒ 3. No improvement required
 - ☒ 4. posing as be

Q.12 Parts of the following sentence have been given as options. Select the option that contains an error.

The farm cattle is grazing in the field when the tiger attacked.

- Ans**
- ☒ 1. in the field when
 - ☒ 2. The farm cattle
 - ☒ 3. is grazing
 - ☒ 4. the tiger attacked.

Q.13 Select the most appropriate meaning of the given idiom.

When pigs fly

- Ans**
- ☒ 1. Something terrible
 - ☒ 2. Something unplanned
 - ☒ 3. Something that spoils relationships
 - ☒ 4. Something that will never happen

Q.14 Select the sentence with the most appropriate use of preposition.

- Ans**
- ☒ 1. Reetu slept all through the history class.
 - ☒ 2. Reetu slept all into the history class.
 - ☒ 3. Reetu slept all during the history class.
 - ☒ 4. Reetu slept all in the history class.

Q.15 One of the four words in bold in the given sentence is incorrectly spelt. Select the INCORRECTLY spelt word.

The hurricane left behind a **devasstating** trail of destruction.

- Ans**
- ☒ 1. hurricane
 - ☒ 2. trail
 - ☒ 3. destruction
 - ☒ 4. devasstating

Q.16 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The children's laughter was filled with exuberant joy.

- Ans**
- ☒ 1. euphoric
 - ☒ 2. repressed
 - ☒ 3. flawless
 - ☒ 4. sarcastic

Q.17 Select the most appropriate synonym of the given word.

Blunt

- Ans**
- ☒ 1. Insensitive
 - ☒ 2. Adventurous
 - ☒ 3. tactful
 - ☒ 4. Rowdy

Q.18 Read the sentence given below and identify if there is an error in it. The error can be in any segment of the sentence which are marked A, B, C, and D. Select option D if there is 'No error'.
(A) Ritika angrily / (B) spoke to Kartik / (C) after the meeting / (D) No error.

- Ans**
- ☒ 1. C
 - ☒ 2. B
 - ☒ 3. D
 - ☒ 4. A

Q.19 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.
The children were merry than usual on Sunday.

- Ans**
- ☒ 1. merrier
 - ☒ 2. the merriest
 - ☒ 3. merriest
 - ☒ 4. more merrier

Q.20 Select the INCORRECTLY spelt word from the given sentence.

The artist's unique technique added a touch of individuality to the painting.

- Ans**
- ☒ 1. Individuality
 - ☒ 2. Technique
 - ☒ 3. Artist's
 - ☒ 4. Unique

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A monsoon is traditionally a seasonal reversing wind (1)_____ by corresponding changes in precipitation but is now (2)_____ describe seasonal changes in atmospheric circulation and precipitation associated (3)_____ annual latitudinal oscillation of the Intertropical Convergence Zone (ITCZ) between its limits to the north and south of the equator. Usually, the term monsoon (4)_____ refer to the rainy phase of a seasonally changing pattern, although technically there is also a dry phase. The term is also sometimes used to (5)_____ locally heavy but short-term rains.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. accompany
 - ☒ 2. accompanies
 - ☒ 3. accompanied
 - ☒ 4. accompanying

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A monsoon is traditionally a seasonal reversing wind (1)_____ by corresponding changes in precipitation but is now (2)_____ describe seasonal changes in atmospheric circulation and precipitation associated (3)_____ annual latitudinal oscillation of the Intertropical Convergence Zone (ITCZ) between its limits to the north and south of the equator. Usually, the term monsoon (4)_____ refer to the rainy phase of a seasonally changing pattern, although technically there is also a dry phase. The term is also sometimes used to (5)_____ locally heavy but short-term rains.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. using to
 - ☒ 2. uses to
 - ☒ 3. use to
 - ☒ 4. used to

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A monsoon is traditionally a seasonal reversing wind (1)_____ by corresponding changes in precipitation but is now (2)_____ describe seasonal changes in atmospheric circulation and precipitation associated (3)_____ annual latitudinal oscillation of the Intertropical Convergence Zone (ITCZ) between its limits to the north and south of the equator. Usually, the term monsoon (4)_____ refer to the rainy phase of a seasonally changing pattern, although technically there is also a dry phase. The term is also sometimes used to (5)_____ locally heavy but short-term rains.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. for
 - ☒ 2. with
 - ☒ 3. on
 - ☒ 4. of

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A monsoon is traditionally a seasonal reversing wind (1)_____ by corresponding changes in precipitation but is now (2)_____ describe seasonal changes in atmospheric circulation and precipitation associated (3)_____ annual latitudinal oscillation of the Intertropical Convergence Zone (ITCZ) between its limits to the north and south of the equator. Usually, the term monsoon (4)_____ refer to the rainy phase of a seasonally changing pattern, although technically there is also a dry phase. The term is also sometimes used to (5)_____ locally heavy but short-term rains.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. are used to
 - ☒ 2. is used to
 - ☒ 3. were used to
 - ☒ 4. is use to

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A monsoon is traditionally a seasonal reversing wind (1)_____ by corresponding changes in precipitation but is now (2)_____ describe seasonal changes in atmospheric circulation and precipitation associated (3)_____ annual latitudinal oscillation of the Intertropical Convergence Zone (ITCZ) between its limits to the north and south of the equator. Usually, the term monsoon (4)_____ refer to the rainy phase of a seasonally changing pattern, although technically there is also a dry phase. The term is also sometimes used to (5)_____ locally heavy but short-term rains.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. describes
 - ☒ 2. describe
 - ☒ 3. describing
 - ☒ 4. described

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	07/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Raju sold 4 laptops at a rate of ₹1,54,005 all together and incurred a loss of 25%. At what rate should he sell the laptops to gain a profit of 25%?

- Ans
- ☒ 1. ₹2,56,675
 - ☐ 2. ₹2,31,007.5
 - ☐ 3. ₹2,25,820
 - ☐ 4. ₹2,05,340

Q.2 If + means $\div$, $\div$ means $\times$, $\times$ means - and - means +, then what will be the value of the following expression, $7+4\div 2-6\times 2$?

- Ans
- ☐ 1. $\frac{13}{4}$
 - ☒ 2. $\frac{15}{2}$
 - ☐ 3. $\frac{2}{15}$
 - ☐ 4. $\frac{2}{13}$

Q.3 The average age of 12 men is increased by 6 years when three of them, whose ages are 36, 40 and 44 years, are replaced by 3 persons. What is the average age of the 3 persons?

- Ans
- ☐ 1. 58 years
 - ☐ 2. 67 years
 - ☐ 3. 50 years
 - ☒ 4. 64 years

Q.4 The average age of a group of 32 women is 60 years and that of another group of 40 men is 33 years. The average age of the two groups mixed together is:

- Ans
- ☐ 1. 42 years
 - ☒ 2. 45 years
 - ☐ 3. 48 years
 - ☐ 4. 46.5 years

Q.5 A person travels equal distances with speeds of 3 km/hr, 4 km/hr and 8 km/hr, respectively, and takes a total of 425 minutes. What is the total distance (in km) travelled?

- Ans
- ☐ 1. 27
 - ☐ 2. 32
 - ☐ 3. 28
 - ☒ 4. 30

Q.6 The highest common factor of 84 and 108 is:

- Ans
- ☐ 1. 16
 - ☐ 2. 6
 - ☒ 3. 12
 - ☐ 4. 8

Q.7 The speed of a boat in still water is 15 km/h and the speed of the current is 3 km/h. How much distance (in km) can be covered going downstream in 12 minutes?

- Ans**
- ☒ 1. 3.6
 - ☐ 2. 3.7
 - ☐ 3. 3.5
 - ☐ 4. 3.4

Q.8 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 6% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 660
 - ☐ 2. 760
 - ☐ 3. 680
 - ☒ 4. 720

Q.9 A hemispherical bowl is 264 cm round at the brim. Suppose that the bowl is half-full of beverage. If the beverage is served in hemispherical glasses 6 cm in the diameter at the top, how many people would be served?

- Ans**
- ☒ 1. 1372
 - ☐ 2. 1470
 - ☐ 3. 1270
 - ☐ 4. 1170

Q.10 By selling an item at a 10% profit a seller makes a profit of ₹727.70. Find the cost price of the item.

- Ans**
- ☒ 1. ₹7,277
 - ☐ 2. ₹7,177
 - ☐ 3. ₹7,707
 - ☐ 4. ₹7,777

Q.11 The marked price of a folding bed is ₹18,000. Aman bought it after two successive discount of 15% and 10%. He spent ₹830 on transportation and sold it for ₹18,440. Find his profit.

- Ans**
- ☐ 1. ₹3,148
 - ☒ 2. ₹3,840
 - ☐ 3. ₹3,539
 - ☐ 4. ₹2,869

Q.12 Two vessels, A and B, contain spirit and water in the ratio 3 : 4 and 5 : 3, respectively. Find the ratio in which these two mixtures be mixed to obtain a new mixture in vessel C containing spirit and water in the ratio 4 : 3.

- Ans**
- ☐ 1. 5 : 8
 - ☒ 2. 3 : 8
 - ☐ 3. 4 : 7
 - ☐ 4. 3 : 7

Q.13 What is the area of the remaining portion of a circle of radius 14 cm when a square with maximum possible area inscribed in it is removed from it? (Use $\pi = \frac{22}{7}$)

- Ans**
- ☒ 1. 224 cm^2
 - ☐ 2. 520 cm^2
 - ☐ 3. 518 cm^2
 - ☐ 4. 616 cm^2

Q.14 If the cash difference between the selling price of an item at a gain of 3% and 6% is ₹9, which of the following options is the correct ratio between the selling prices?

- Ans**
- ☐ 1. 101 : 105
 - ☒ 2. 103 : 106
 - ☐ 3. 103 : 100
 - ☐ 4. 101 : 103

Q.15 If the volume and surface area of a sphere are numerically the same, then find the volume (in cm^3) of its semi – sphere. (correct to two places of decimals, use $\pi = 3.14$)

- Ans**
- ☐ 1. 65.25
 - ☐ 2. 65.52
 - ☐ 3. 56.25
 - ☒ 4. 56.52

Q.16 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 9% per year rate of interest for 6 years.

- Ans**
- ☐ 1. 1310
 - ☐ 2. 1390
 - ☐ 3. 1290
 - ☒ 4. 1350

Q.17 Surendra bought an old bicycle for ₹2,500 and spent ₹300 on its repair. He sold it for ₹3,000. Find his profit percentage.

- Ans**
- ☐ 1. $11\frac{2}{3}\%$
 - ☐ 2. $13\frac{4}{11}\%$
 - ☒ 3. $7\frac{1}{7}\%$
 - ☐ 4. $7\frac{5}{9}\%$

Q.18 In a student council election, there were three contestants. All the voters participated in the voting and 10% of votes were declared invalid. The contestants got the votes in the ratio 8 : 7 : 5. If the second candidate in the list got 4725 votes, the total number of valid votes is:

- Ans**
- ☒ 1. 13,500
 - ☐ 2. 9,000
 - ☐ 3. 11,500
 - ☐ 4. 10,000

Q.19 A vendor wants to gain 25% by adding water to milk and selling the mixture at the cost price. Find the ratio of water and milk in the mixture.

- Ans**
- ☐ 1. 1 : 5
 - ☐ 2. 2 : 5
 - ☐ 3. 2 : 7
 - ☒ 4. 1 : 4

Q.20 A sum of ₹2,380 is lent out into two parts, one at 25% p.a. and another at 20% p.a. . If the total annual income is ₹500, find the money (in ₹) lent at 25% rate.

- Ans**
- ☐ 1. 560
 - ☒ 2. 480
 - ☐ 3. 240
 - ☐ 4. 320

Section : Reasoning Ability and Problem Solving

Q.1 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(16, 8, 24)
(4, 6, 2)

- Ans**
- ☐ 1. (9, 10, 18)
 - ☐ 2. (16, 10, 42)
 - ☒ 3. (13, 19, 7)
 - ☐ 4. (11, 13, 19)

Q.2 In a certain code language, 'FLOAT' is coded as '14238' and 'BLOAT' is coded as '23849'. What is the code for 'F' in the given code language?

- Ans**
- ☐ 1. 9
 - ☐ 2. 4
 - ☐ 3. 2
 - ☒ 4. 1

Q.3 What will come in the place of the question mark (?) in the following equation, if '+' and 'x' are interchanged and '÷' and '-' are interchanged?
 $15 \div 5 + 8 - 4 \times 7 = ?$

- Ans**
- ☐ 1. 22
 - ☐ 2. 18
 - ☐ 3. 25
 - ☒ 4. 12

Q.4 Seven friends, Kamala, Raveena, Amruta, Nisha, Gautami, Bhavana and Triveni, are sitting in a circular dining table facing the centre (but not necessarily in the same order). Raveena is sitting second to the right of Nisha. Gautami has Kamala and Triveni as immediate neighbours. Triveni is sitting third to the left of Nisha. Amruta is not an immediate neighbour of Nisha. Who is seated fourth to the left of Bhavana?

- Ans**
- ☐ 1. Nisha
 - ☐ 2. Raveena
 - ☐ 3. Kamala
 - ☒ 4. Triveni

Q.5 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some kites are rocks.

All rocks are stones.

Conclusions:

(I) Atleast some kites are stones.

(II) All stones are rocks.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow.
 - ☒ 2. Only conclusion (II) follows.
 - ☐ 3. Only conclusion (I) follows.
 - ☐ 4. Neither conclusion (I) nor (II) follows.

Q.6 In a certain code language, 'GIFT' is coded as '5197' and 'FIST' is coded as '4157'. What is the code for 'S' in that language?

- Ans**
- ☒ 1. 4
 - ☐ 2. 5
 - ☐ 3. 1
 - ☐ 4. 9

Q.7 519 is related to 781 following a certain logic. Following the same logic, 642 is related to 904. To which of the following is 485 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 747
 - ☐ 2. 794
 - ☐ 3. 756
 - ☐ 4. 721

Q.8 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $8 + 2 - 1 \times 1 \div 1 = ?$

- Ans**
- ☒ 1. 7
 - ☐ 2. 5
 - ☐ 3. 3
 - ☐ 4. 10

Q.9 In a certain code language, 'father makes tea' is coded as 'ib fx ey' and 'tea and coffee' is coded as 'kr ey wn'. How is 'tea' coded in the given language?

- Ans**
-  1. wn
 -  2. kr
 -  3. fx
 -  4. ey

Q.10 FI29 is related to TW49 in a certain way. In the same way, LO38 is related to ZC58. To which of the following is RU65 related, following the same logic?

- Ans**
-  1. IF58
 -  2. EF58
 -  3. FE85
 -  4. FI85

Q.11 JHMK is related to PNSQ in a certain way based on the English alphabetical order. In the same way, GEJH is related to MKPN. To which of the following is NLQO related, following the same logic?

- Ans**
-  1. TRWU
 -  2. TRUW
 -  3. RTUW
 -  4. RTWU

Q.12 In a certain code language, 'MOVE' is coded as '3917' and 'EAST' is coded as '4692'. What is the code for 'E' in the given code language?

- Ans**
-  1. 4
 -  2. 9
 -  3. 7
 -  4. 2

Q.13 What should come in place of the question mark (?) in the given series?

2, 13, 24, 35, 46, ?

- Ans**
-  1. 58
 -  2. 57
 -  3. 55
 -  4. 60

Q.14 PLRN is related to QMSO in a certain way based on the English alphabetical order. In the same way, LHNJ is related to MIOK. To which of the following is HDJF related, following the same logic?

- Ans**
-  1. IEKG
 -  2. IEGK
 -  3. EIKG
 -  4. EIGK

Q.15 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GGB, HHD, IKH, JPN, ?

- Ans**
-  1. KWV
 -  2. OWV
 -  3. OUV
 -  4. PUV

Q.16 What should come in place of the question mark (?) in the following series?

1, 17, 33, 49, 65, ?

- Ans**
-  1. 80
 -  2. 79
 -  3. 77
 -  4. 81

Q.17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All planets are rocks.

All rocks are lakes.

Conclusions:

(I) All planets are lakes.

(II) All rocks are planets.

- Ans**
- ☒ 1. Only conclusion II follows.
 - ☒ 2. Both conclusions I and II follow.
 - ☒ 3. Only conclusion I follows.
 - ☒ 4. Neither conclusion I nor II follows.

Q.18 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some coats are blazers.

Some blazers are tracksuits.

Conclusions:

I. All tracksuits are coats.

II. Some tracksuits are not coats.

- Ans**
- ☒ 1. Neither conclusion I nor II follows
 - ☒ 2. Only conclusion I follows
 - ☒ 3. Only conclusion II follows
 - ☒ 4. Both conclusions I and II follow

Q.19 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

24, 73

27, 82

- Ans**
- ☒ 1. 33, 100
 - ☒ 2. 33, 101
 - ☒ 3. 32, 101
 - ☒ 4. 32, 100

Q.20 M, N, O, P, Q and R are sitting around a circular table facing the centre (but not necessarily in the same order). N sits to the immediate right of R. M sits second to the right of N. P sits second to the right of M. O sits third to the right of P. Who sits to the immediate right of Q?

- Ans**
- ☒ 1. O
 - ☒ 2. P
 - ☒ 3. M
 - ☒ 4. R

Section : General Awareness

Q.1 Who among the following is the ex-officio Chairperson of the Rajya Sabha as on 10 October 2023?

- Ans**
- ☒ 1. Prakash Javdekar
 - ☒ 2. Virendra Kumar
 - ☒ 3. Jagdeep Dhankar
 - ☒ 4. Piyush Goyal

Q.2 Which of the following states had benefitted by the Indira Gandhi Canal?

- Ans**
- ☐ 1. Madhya Pradesh
 - ☒ 2. Rajasthan
 - ☐ 3. Gujarat
 - ☐ 4. Uttar Pradesh

Q.3 Which of the following is NOT related to goals of Fundamental Duties of Indian Citizens?

- Ans**
- ☐ 1. Preserve
 - ☐ 2. Respect
 - ☒ 3. Courage
 - ☐ 4. Cherish

Q.4 A river is capable of forming which of the following landscapes when the river is in its middle course?

- Ans**
- ☐ 1. A delta
 - ☐ 2. Waterfalls
 - ☐ 3. V shaped valley
 - ☒ 4. A meander

Q.5 According to Census 2011, what is the sex ratio of India?

- Ans**
- ☐ 1. 950
 - ☒ 2. 943
 - ☐ 3. 998
 - ☐ 4. 933

Q.6 The sister of Harshavardhana Rajyashri was married to _____, the king of Maukhari dynasty of Kanyakubja.

- Ans**
- ☐ 1. Sasanka
 - ☐ 2. Isanavarman
 - ☐ 3. Devagupta
 - ☒ 4. Grahavarman

Q.7 'My Country My Life' is the autobiography of:

- Ans**
- ☐ 1. Khushwant Singh
 - ☐ 2. Manmohan Singh
 - ☐ 3. Natwar Singh
 - ☒ 4. Lal Krishna Advani

Q.8 Which of the following is the style of temple architecture that is widely favoured in northern India?

- Ans**
- ☐ 1. Dravid
 - ☐ 2. Madapa
 - ☒ 3. Nagar
 - ☐ 4. Vihar

Q.9 In which of the following systems was the charge of collecting the revenue and paying it to the Company given to the village headman, rather than the zamindar?

- Ans**
- ☒ 1. Mahalwari
 - ☐ 2. Zamindari
 - ☐ 3. Iqtadari
 - ☐ 4. Ryotwari

Q.10 In the inaugural year of the Nehru Cup event for football in 1982, which team emerged as the winner of the first edition?

- Ans**
- ☐ 1. Poland
 - ☐ 2. Ghana
 - ☒ 3. Uruguay
 - ☐ 4. Australia

Q.11 Helium gas can be converted to the liquid form by the _____.

- Ans**
- ☒ 1. London forces of attraction
 - ☐ 2. dipole-dipole forces of attraction
 - ☐ 3. dipole-induced dipole forces of attraction
 - ☐ 4. hydrogen bonding interaction

Q.12 Which team won the Women's Asian Hockey Champions Trophy in 2023?

- Ans**
- ☐ 1. Japan
 - ☒ 2. India
 - ☐ 3. Malaysia
 - ☐ 4. South Korea

Q.13 Pandit Arvind Thatte belongs to which of the following gharanas?

- Ans**
- ☐ 1. Agra gharana
 - ☐ 2. Indore gharana
 - ☐ 3. Benaras gharana
 - ☒ 4. Mewati gharana

Q.14 S Abdul Nazeer was appointed as the Governor of _____ in February 2023.

- Ans**
- ☐ 1. Maharashtra
 - ☒ 2. Andhra Pradesh
 - ☐ 3. Goa
 - ☐ 4. Kerala

Q.15 Which of the following mountain peaks is a part of the Himalayas?

- Ans**
- ☐ 1. Dhupgarh
 - ☐ 2. Taramati
 - ☐ 3. Kalsubai
 - ☒ 4. Kamet

Q.16 Kalamandalam Krishnan Nair was a notable figure in which of the following classical dance forms of India?

- Ans**
- ☐ 1. Bharatnatyam
 - ☒ 2. Kathakali
 - ☐ 3. Mohiniyattam
 - ☐ 4. Kuchipudi

Q.17 Who among the following signed a pact with Lord Irwin on March 5, 1931?

- Ans**
- ☐ 1. Jawaharlal Nehru
 - ☒ 2. Mahatma Gandhi
 - ☐ 3. Subhas Chandra Bose
 - ☐ 4. B R Ambedkar

Q.18 What is Cash Reserve Ratio?

- Ans**
- ☒ 1. Percentage of deposits that a bank must keep as cash reserves with the central bank
 - ☐ 2. Percentage of deposits that a bank must keep as cash reserves with any bank
 - ☐ 3. Percentage of deposits that a central bank must keep as cash reserves with the bank
 - ☐ 4. Percentage of deposits that a central bank must keep as cash reserves with the government

Q.19 Which Tamil superstar founded the Tamilaga Vettri Kazhagam (TVK) political party in Tamil Nadu and Puducherry on 2 February 2024 with the slogan 'Pirappokkum Ellaa Uyirkkum' (All are equal by birth)?

- Ans**
- ☐ 1. Dhanush
 - ☒ 2. Vijay
 - ☐ 3. Kamal Haasan
 - ☐ 4. Rajinikanth

Q.20 Who was the famous Venetian traveller of the 13th century who visited Kerala?

- Ans**
- ☒ 1. Marco Polo
 - ☐ 2. Barthema
 - ☐ 3. Nicolo Conti
 - ☐ 4. Abdur Razzaq

Q.21 The digestive enzymes inside lysosomes are made by:

- Ans**
- ☐ 1. plastids themselves
 - ☐ 2. mitochondria
 - ☐ 3. Golgi apparatus
 - ☒ 4. rough endoplasmic reticulum

Q.22 Sarhul is an agricultural festival of tribals, which is primarily celebrated in the Indian state of _____.

- Ans**
- ☐ 1. Gujarat
 - ☒ 2. Jharkhand
 - ☐ 3. Sikkim
 - ☐ 4. Uttarakhand

Q.23 _____ was well known for creating fusion art by adapting European theatrical techniques to Indian classical dance combined with Indian folk and tribal dance.

- Ans**
- ☒ 1. Uday Shankar
 - ☐ 2. Kelucharan Mohapatra
 - ☐ 3. Guru Bipin Singh
 - ☐ 4. Birju Maharaj

Q.24 What is the primary gas responsible for the leavening effect in bread when yeast ferments sugars?

- Ans**
- ☐ 1. Nitrogen
 - ☐ 2. Helium
 - ☒ 3. Carbon dioxide
 - ☐ 4. Oxygen

Q.25 Who was the Registrar General and Census Commissioner of India for the 2011 Indian Census?

- Ans**
- ☐ 1. Devender Kumar Sikri
 - ☐ 2. Vivek Joshi
 - ☒ 3. Dr. C Chandramouli
 - ☐ 4. Jayant Kumar Banthia

Section : **English Language and Comprehension**

Q.1 Select the most appropriate meaning of the underlined idiom.

He gnashed his teeth at his son's actions.

- Ans**
- ☐ 1. expressed sadness
 - ☒ 2. expressed rage
 - ☐ 3. expressed joy
 - ☐ 4. expressed disappointment

Q.2 Select the most appropriate option to fill in the blank
School classrooms have _____ very little over the last century.

- Ans**
- ☒ 1. changed
 - ☐ 2. startled
 - ☐ 3. unconcerned
 - ☐ 4. freed

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
He cheated in the [A] / examination, making his [B] / already-falling academic [C] / credentials worst. [D]

- Ans**
- ☒ 1. A
 - ☒ 2. B
 - ☒ 3. C
 - ☒ 4. D

Q.4 Select the most appropriate ANTONYM of the given word.

Conscious

- Ans**
- ☒ 1. Secure
 - ☒ 2. Sensible
 - ☒ 3. Unaware
 - ☒ 4. Sentimental

Q.5 Select the option that rectifies the spelling of the underlined word in the given sentence.
The concert was canceeled due to rain.

- Ans**
- ☒ 1. Cencelled
 - ☒ 2. Cancelled
 - ☒ 3. Cancaeled
 - ☒ 4. Cancealed

Q.6 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
He is waiting / at airport to receive / Mr. Smith, who is / coming from South Africa.

- Ans**
- ☒ 1. Mr. Smith, who is
 - ☒ 2. He is waiting
 - ☒ 3. at airport to receive
 - ☒ 4. coming from South Africa.

Q.7 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options.
Select the correct alternative.
The new almirah is big than this one.

- Ans**
- ☒ 1. more bigger
 - ☒ 2. biggest
 - ☒ 3. bigger
 - ☒ 4. more big

Q.8 Select the most appropriate ANTONYM of the given word.

Entice

- Ans**
- ☒ 1. Invite
 - ☒ 2. Tangle
 - ☒ 3. Repulse
 - ☒ 4. Allure

Q.9 Select the most appropriate meaning of the given idiom.

Run errands

- Ans**
- ☒ 1. To do something incorrectly or erroneous in haste
 - ☒ 2. To go out to buy or do something
 - ☒ 3. To finish running before the end point
 - ☒ 4. To participate in a race through unfair means

Q.10 Select the option that will improve the underlined part of the given sentence.

Arun asks Smita to copy the contents of the document word by word.

- Ans**
- ☒ 1. word with word
 - ☒ 2. word for word
 - ☒ 3. word par word
 - ☒ 4. word to word

Q.11 Select the most appropriate **ANTONYM** to substitute the underlined word in the given sentence.

In what ways do you find technological advancements beneficial to your daily life?

- Ans**
- ☒ 1. unfavourable
 - ☐ 2. unwarranted
 - ☐ 3. unfathomable
 - ☐ 4. unapproachable

Q.12 Select the most appropriate option to fill in the blanks.

Our _____ conducted a _____ to get everyone's opinion.

- Ans**
- ☒ 1. principal; poll
 - ☐ 2. principle; poll
 - ☐ 3. principal; pole
 - ☐ 4. principle; pole

Q.13 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Endangered
 - ☐ 2. Spouse
 - ☐ 3. Intransigence
 - ☐ 4. Unambiguous

Q.14 Select the most appropriate synonym of the word given in brackets to fill in the blank.

The rivals in the institution _____ (fabricated) evidence and manipulated the whole dataset.

- Ans**
- ☒ 1. forged
 - ☐ 2. destroyed
 - ☐ 3. wrecked
 - ☐ 4. fluctuated

Q.15 Select the most appropriate degree of comparison to fill in the blank.

Many ornithologists believe that the northern mocking birds are _____ wild birds in the jungle.

- Ans**
- ☐ 1. the noisy
 - ☐ 2. noisier
 - ☒ 3. the noisiest
 - ☐ 4. noisy

Q.16 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

My friend, / Priya looks more cheerful today / as she celebrates her birthday.

- Ans**
- ☐ 1. My friend,
 - ☐ 2. as she celebrates her birthday
 - ☐ 3. Priya looks more cheerful today
 - ☒ 4. No error

Q.17 Select the correctly spelt word to fill in the blank.

We are entering a point where technology will change at _____ speeds.

- Ans**
- ☐ 1. modarate
 - ☐ 2. supprime
 - ☐ 3. inferier
 - ☒ 4. extreme

Q.18 Select the most appropriate option to fill in the blank.
Leisure activities can improve an individual's physical and mental health by _____ stress, and offering a pleasurable experience.

- Ans**
- ☐ 1. upsetting
 - ☐ 2. reconstructing
 - ☒ 3. relieving
 - ☐ 4. irritating

Q.19 Identify the ODD word from the given options.

- Ans**
- ☐ 1. Billiards
 - ☐ 2. Table tennis
 - ☒ 3. Golf
 - ☐ 4. Carom

Q.20 The following sentence has been split into four segments. Identify the segment that contains an error in phrasal verb.

Tina dropped behind of / college and / went straight / into a good job.

- Ans**
- ☐ 1. into a good job
 - ☐ 2. went straight
 - ☐ 3. college and
 - ☒ 4. Tina dropped behind of

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dolphins 1_____ regarded as the friendliest creatures in the sea, and stories of them helping drowning sailors have been common since Roman times. The more we 2_____ about dolphins, the more we realise that their society is more complex 3_____ people previously imagined. They look 4_____ other dolphins when they are ill, care for pregnant 5_____ and protect the weakest in the community, as we do.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. is
 - ☐ 2. has
 - ☐ 3. was
 - ☒ 4. are

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dolphins 1_____ regarded as the friendliest creatures in the sea, and stories of them helping drowning sailors have been common since Roman times. The more we 2_____ about dolphins, the more we realise that their society is more complex 3_____ people previously imagined. They look 4_____ other dolphins when they are ill, care for pregnant 5_____ and protect the weakest in the community, as we do.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☐ 1. learned
 - ☐ 2. learns
 - ☒ 3. learn
 - ☐ 4. learning

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dolphins 1 _____ regarded as the friendliest creatures in the sea, and stories of them helping drowning sailors have been common since Roman times. The more we 2 _____ about dolphins, the more we realise that their society is more complex 3 _____ people previously imagined. They look 4 _____ other dolphins when they are ill, care for pregnant 5 _____ and protect the weakest in the community, as we do.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. to
 - ☐ 2. for
 - ☐ 3. the
 - ☒ 4. than

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dolphins 1 _____ regarded as the friendliest creatures in the sea, and stories of them helping drowning sailors have been common since Roman times. The more we 2 _____ about dolphins, the more we realise that their society is more complex 3 _____ people previously imagined. They look 4 _____ other dolphins when they are ill, care for pregnant 5 _____ and protect the weakest in the community, as we do.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. into
 - ☒ 2. after
 - ☐ 3. up
 - ☐ 4. on

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Dolphins 1 _____ regarded as the friendliest creatures in the sea, and stories of them helping drowning sailors have been common since Roman times. The more we 2 _____ about dolphins, the more we realise that their society is more complex 3 _____ people previously imagined. They look 4 _____ other dolphins when they are ill, care for pregnant 5 _____ and protect the weakest in the community, as we do.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. brothers
 - ☐ 2. fathers
 - ☒ 3. mothers
 - ☐ 4. uncles

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	07/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 141 is divided into two parts in such a way that the one-eighth part of the first and one-ninth part of the second are in the ratio 5 : 6. Find the first part.

- Ans
- ☒ 1. 60
 - ☐ 2. 48
 - ☐ 3. 72
 - ☐ 4. 36

Q.2 A hemispherical bowl with diameter 14 cm has to be painted inside and outside. How much it will be charged at the rate of ₹20 per 40 cm²?

- Ans
- ☒ 1. ₹308
 - ☐ 2. ₹154
 - ☐ 3. ₹224
 - ☐ 4. ₹616

Q.3 The radius of a cylinder is doubled due to which the volume of the new cylinder also gets doubled. The height of the new cylinder is what percentage of the old cylinder?

- Ans
- ☐ 1. 200%
 - ☐ 2. 25%
 - ☐ 3. 100%
 - ☒ 4. 50%

Q.4 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 66 kg and 35 kg is:

- Ans
- ☐ 1. 50.2
 - ☐ 2. 51.2
 - ☐ 3. 48.2
 - ☒ 4. 49.2

Q.5 A fruit seller professes to sell his fruits at cost price, but still gains 24% on his outlay. What weight (in gm) does he substitute for a kilogram?

- Ans
- ☐ 1. 860
 - ☒ 2. 806.45
 - ☐ 3. 880.55
 - ☐ 4. 800

Q.6 The volume of the hemisphere is 486π cm³. If the radius is tripled, then what will be its curved surface area (in cm²)?

- Ans
- ☐ 1. 1025π
 - ☐ 2. 1546
 - ☐ 3. 1458
 - ☒ 4. 1458π

Q.7 What is the value of the given expression?

$$22.5 \div \frac{15}{8} - \frac{8}{15} \times \frac{135}{3} + \frac{197}{591} \text{ of } \frac{105}{7} + 10.5$$

- Ans ☒ 1. 3.5
☐ 2. -4.5
☐ 3. 15.5
☐ 4. 36.5

Q.8 The number of heads on the farm, as determined by the farmer, was 60. When he counted, he discovered there were 150 legs. If all that was present were pigeons or horses, and every horse on the property had four legs while every pigeon had two, how many horses were there on the property?

- Ans ☐ 1. 14
☒ 2. 15
☐ 3. 10
☐ 4. 12

Q.9 The salaries of A and B are in a ratio of 2 : 3. Their savings are equal. If A's expenditure is $\frac{1}{2}$ of the salary, then what per cent of income does B spends?

- Ans ☐ 1. 78.5%
☒ 2. 66.67%
☐ 3. 50%
☐ 4. 75%

Q.10 By selling an article for ₹20, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 50%?

- Ans ☐ 1. 8.27
☐ 2. 9.27
☐ 3. 10.27
☒ 4. 7.27

Q.11 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 6% per year rate of interest for 5 years.

- Ans ☒ 1. 900
☐ 2. 860
☐ 3. 940
☐ 4. 840

Q.12 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 67 kg and 36 kg is:

- Ans ☐ 1. 48.6
☒ 2. 49.6
☐ 3. 51.6
☐ 4. 50.6

Q.13 At what rate percent per annum on simple interest will ₹760 amount to ₹912 in 5 years?

- Ans ☐ 1. 5%
☐ 2. 6%
☒ 3. 4%
☐ 4. 3%

Q.14 Trader A gives a single discount of 45% and Trader B gives two successive discounts of 35% and 10% on an identical item of the same marked price. If the discount given by A is ₹539 more than the discount given by Trader B, then what is the marked price (in ₹) of the item?

- Ans ☐ 1. 16,500
☐ 2. 15,600
☐ 3. 14,500
☒ 4. 15,400

Q.15 The largest number that can divide 147,183 and 271 leaving remainders 11,13 and 16, respectively, is:

- Ans**
- ☐ 1. 14
 - ☐ 2. 15
 - ☐ 3. 16
 - ☒ 4. 17

Q.16 A car can cover 275 km in 5 hours. If its speed is reduced by 5 km/h, then how much time will the car take to cover a distance of 250 km?

- Ans**
- ☐ 1. 5 hr 30 min
 - ☒ 2. 5 hr
 - ☐ 3. 6 hr
 - ☐ 4. 4 hr 30 min

Q.17 Find the simple interest (in ₹) on ₹4000 as a sum borrowed at 4% per year rate of interest for 3 years.

- Ans**
- ☐ 1. 440
 - ☐ 2. 520
 - ☐ 3. 420
 - ☒ 4. 480

Q.18 A 240 m long train crosses a man walking at a speed of 4.5 km/h in the opposite direction in 12 seconds. What is the speed (in km/h) of the train?

- Ans**
- ☐ 1. 61.5
 - ☐ 2. 58.5
 - ☒ 3. 67.5
 - ☐ 4. 60.5

Q.19 The average of seven consecutive numbers is 95. Find the middle number in the series of seven consecutive numbers.

- Ans**
- ☐ 1. 98
 - ☒ 2. 95
 - ☐ 3. 96
 - ☐ 4. 92

Q.20 Anil sells sugar at cost price but uses false weights and thus makes 20% profit. How many grams of sugar does he give in 1 kilogram?

- Ans**
- ☐ 1. 823.33
 - ☐ 2. 833.13
 - ☐ 3. 833.23
 - ☒ 4. 833.33

Section : Reasoning Ability and Problem Solving

Q.1 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $5 \div 4 - 3 \times 1 + 2 = ?$

- Ans**
- ☒ 1. 21
 - ☐ 2. 19
 - ☐ 3. 16
 - ☐ 4. 20

Q.2 GYEV is related to DBBY in a certain way based on the English alphabetical order. In the same way, XHVE is related to UKSH. To which of the following is LTJQ related, following the same logic?

- Ans**
- ☐ 1. IGWT
 - ☒ 2. IWGT
 - ☐ 3. IGTR
 - ☐ 4. TYHU

Q.3 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $14 \div 7 - 27 \times 9 + 12 = ?$

- Ans**
- ☒ 1. 71
 - ☒ 2. 79
 - ☒ 3. 89
 - ☒ 4. 81

Q.4 What should come in place of the question mark (?) in the given series?

77, 76, 78, 77, 79, 78, ?

- Ans**
- ☒ 1. 81
 - ☒ 2. 83
 - ☒ 3. 79
 - ☒ 4. 80

Q.5 In this question, two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follows/follow from the statements.

Statements:

No project is a game.

All games are activities.

Conclusions:

I. All projects are activities.

II. Some projects are activities.

- Ans**
- ☒ 1. Only Conclusion I follows.
 - ☒ 2. Neither Conclusion I nor II follow.
 - ☒ 3. Both Conclusions I and II follow.
 - ☒ 4. Only Conclusion II follows.

Q.6 What should come in place of '?' in the given series?

16, 8.5, 9.5, 15.75, 33.5, ?

- Ans**
- ☒ 1. 86.25
 - ☒ 2. 69
 - ☒ 3. 67
 - ☒ 4. 83.75

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some lights are fans.

Some fans are beds.

Conclusions:

(I) Some lights are beds.

(II) All beds are fans.

- Ans**
- ☒ 1. Only conclusion I follows
 - ☒ 2. Both conclusion I and II follow
 - ☒ 3. Neither conclusion I nor II follows
 - ☒ 4. Only conclusion II follows

Q.8 EX04 is related to ZS16 in a certain way. In the same way, UN06 is related to PI36. To which of the following is WP07 related, following the same logic?

- Ans**
- ☒ 1. KR49
 - ☒ 2. RK49
 - ☒ 3. KR94
 - ☒ 4. RK94

Q.9 In a certain code language, 'good bright boy' is coded as 'xd yf vj' and 'boy is lazy' is coded as 'sb xd ql'. How is 'boy' coded in the given language?

- Ans**
- ☐ 1. vj
 - ☐ 2. ql
 - ☒ 3. xd
 - ☐ 4. yf

Q.10 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the center (but not necessarily in the same order). F is sitting fourth to the right of D. E is sitting second to the left of F. B is sitting to the immediate left of G. A is not an immediate neighbour of F.

How many people are sitting between C and D when counted from the right of D?

- Ans**
- ☐ 1. Three
 - ☐ 2. Four
 - ☐ 3. One
 - ☒ 4. Two

Q.11 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

10 , 99
21, 440

- Ans**
- ☐ 1. 15, 285
 - ☐ 2. 26, 298
 - ☒ 3. 30, 899
 - ☐ 4. 3, 23

Q.12 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(14, 70)
(18, 90)

- Ans**
- ☒ 1. (12, 60)
 - ☐ 2. (11, 66)
 - ☐ 3. (7, 32)
 - ☐ 4. (12, 100)

Q.13 In a certain code language, 'BUY' is written as 'ACTVXZ' and 'CAP' is written as 'BDZBOQ'. How will 'BOX' be written in that language?

- Ans**
- ☐ 1. ACMPUY
 - ☒ 2. ACNPWY
 - ☐ 3. CDPQYZ
 - ☐ 4. ACMPWY

Q.14 In a certain code language, 'like my pet' is written as 'nj kj lk' and 'pet is wet' is written as 'lk mk bt'. How is 'pet' written in the given language?

- Ans**
- ☐ 1. kj
 - ☐ 2. mk
 - ☒ 3. lk
 - ☐ 4. nj

Q.15 FAID is related to GBJE in a certain way based on the English alphabetical order. In the same way, JEMH is related to KFNI. To which of the following is MHPK related, following the same logic?

- Ans**
- ☐ 1. INLQ
 - ☐ 2. NILQ
 - ☒ 3. NIQL
 - ☐ 4. INQL

Q.16 A, B, P, Q, Y and Z are sitting around a circular table facing the centre (but not necessarily in the same order). Q sits to the immediate left of B. Y sits to the immediate right of B. A sits second to the right of B. P sits second to the right of A. Who sits third to the right of Z?

- Ans**
-  1. Q
 -  2. P
 -  3. A
 -  4. B

Q.17 In a certain code language, 'bring hot food' is coded as 'ud lp sj' and 'food is tasty' is coded as 'sj xk jt'. How is 'food' coded in the given language?

- Ans**
-  1. xk
 -  2. lp
 -  3. ud
 -  4. sj

Q.18 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All roses are lilies.

Some lilies are sunflowers.

Conclusions:

(I): Some roses are sunflowers.

(II): All lilies are roses.

- Ans**
-  1. Both conclusions I and II follow.
 -  2. Neither conclusion I nor II follows.
 -  3. Only conclusion I follows.
 -  4. Only conclusion II follows.

Q.19 What should come in place of question mark (?) in the given series based on the English alphabetical order?
XJP, VMN, TPL, RSJ, ?

- Ans**
-  1. PUG
 -  2. PVH
 -  3. PVG
 -  4. QVG

Q.20 14 is related to 93 following a certain logic. Following the same logic, 6 is related to 37. To which of the following is 11 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
-  1. 77
 -  2. 90
 -  3. 72
 -  4. 67

Section : **General Awareness**

Q.1 Which of the following is NOT an example of a 'Lagoon'?

- Ans**
-  1. Kolleru
 -  2. Nainital
 -  3. Chilika
 -  4. Pulicat

Q.2 While estimating Gross Domestic Product, the monetary value of only final goods are considered because _____.
a. its immobility, the active economic flow is ended.
b. of the issues of double counting
c. the value added at each stage of the production process is included

- Ans**
- ☐ 1. All a, b and c
 - ☐ 2. Only b and c
 - ☒ 3. Only b
 - ☐ 4. Only a

Q.3 Under which of the following Acts, was Warren Hastings appointed as the Governor-General of Bengal?

- Ans**
- ☒ 1. The Regulating Act, 1773
 - ☐ 2. The Government of India Act, 1935
 - ☐ 3. The Government of India Act, 1858
 - ☐ 4. The Government of India Act, 1909

Q.4 What was the amount earned by BCCI from the sale of five teams in the inaugural Women's Indian Premier League (WPL) in January 2023?

- Ans**
- ☐ 1. ₹1,289.50 crore
 - ☐ 2. ₹951.25 crore
 - ☐ 3. ₹7,245.89 crore
 - ☒ 4. ₹4,669.99 crore

Q.5 What does WFI stand for in the context of sports?

- Ans**
- ☒ 1. Wrestling Federation of India
 - ☐ 2. Winter Games Federation of India
 - ☐ 3. Women Sports Federation of India
 - ☐ 4. Women Federation of India

Q.6 National Rural Employment Guarantee Act was passed in which of the following years?

- Ans**
- ☒ 1. 2005
 - ☐ 2. 2004
 - ☐ 3. 2009
 - ☐ 4. 2006

Q.7 Sekrenyi festival of Nagaland is celebrated annually in the month of _____ as part of the Mini Hornbill Tribal Festival which is a celebration of purification accompanied with feasting and singing.

- Ans**
- ☒ 1. February
 - ☐ 2. March
 - ☐ 3. July
 - ☐ 4. August

Q.8 Dappu dance is a famous dance form of which of the following states?

- Ans**
- ☐ 1. Bihar
 - ☒ 2. Andhra Pradesh
 - ☐ 3. Kerala
 - ☐ 4. Punjab

Q.9 The Shore Temple at Mahabalipuram was built during the reign of the _____ king Narasimhavarman II.

- Ans**
- ☒ 1. Pallava
 - ☐ 2. Chera
 - ☐ 3. Chola
 - ☐ 4. Chalukya

Q.10 Which of the following is a mineral deficiency disease?

- Ans**
- ☐ 1. Scurvy
 - ☐ 2. Marasmus
 - ☒ 3. Goitre
 - ☐ 4. Rickets

Q.11 The architectural marvels, temples of Gangaikonda-Cholapuram, were built by which of the following king?

- Ans**
- ☒ 1. King Rajendra
 - ☐ 2. King Akabar
 - ☐ 3. King Vijayalaya
 - ☐ 4. King mahendravarman

Q.12 Epilepsy is a disorder that affects which of the following parts of the human body?

- Ans**
- ☐ 1. The teeth and bones
 - ☒ 2. Brain cells
 - ☐ 3. The muscles
 - ☐ 4. The skin

Q.13 With reference to 'slash and burn' agriculture, which of the following names is NOT related to Odisha?

- Ans**
- ☐ 1. Koman
 - ☐ 2. Pama Dabi
 - ☐ 3. Bringa
 - ☒ 4. Roca

Q.14 In its 279th report released in April 2023, the Law Commission of India has recommended the provision of which law to be retained?

- Ans**
- ☒ 1. Sedition Law
 - ☐ 2. Contract Law
 - ☐ 3. Labour Law
 - ☐ 4. Revenue Law

Q.15 Which of the following social organisations was founded by Swami Dayananda Saraswati in 1875?

- Ans**
- ☒ 1. Arya Samaj
 - ☐ 2. Satyashodhak Samaj
 - ☐ 3. Prarthana Samaj
 - ☐ 4. Brahmo Samaj

Q.16 Which event brought about a profound change in Ashoka's administrative policy?

- Ans**
- ☐ 1. The third Buddhist Council
 - ☐ 2. His sending missionary to Ceylon
 - ☒ 3. The Kalinga War
 - ☐ 4. His embracing of Buddhism

Q.17 Purushottam Dadheech, a renowned Kathak dancer who had been honoured with Padma Shri award for 2020, is associated with which of the following places?

- Ans**
- ☒ 1. Madhya Pradesh
 - ☐ 2. Uttar Pradesh
 - ☐ 3. Haryana
 - ☐ 4. Bihar

Q.18 Which of the following options has all vector quantities?

- Ans**
- ☐ 1. Force, Velocity, Momentum, Energy and Power
 - ☐ 2. Force, Velocity, Momentum, Energy and Acceleration
 - ☐ 3. Power, Momentum, Energy, Speed and Work
 - ☒ 4. Force, Velocity, Momentum, Weight and Acceleration

Q.19 As on February 2024, Yanthungo Patton is the Deputy Chief Minister of which of the following states?

- Ans**
- ☐ 1. Sikkim
 - ☐ 2. Assam
 - ☒ 3. Nagaland
 - ☐ 4. Meghalaya

Q.20 The model of 'Quasi Federal' form of government in Indian constitution is borrowed from which country?

- Ans**
- ☐ 1. Germany
 - ☐ 2. Australia
 - ☒ 3. Canada
 - ☐ 4. United Kingdom

Q.21 The name of the autobiography of Saina Nehwal is called:

- Ans**
- ☒ 1. Playing to win, my life on and off court
 - ☐ 2. Playing it my way
 - ☐ 3. Unbreakable
 - ☐ 4. Straight from the heart

Q.22 Mica is which type of mineral?

- Ans**
- ☐ 1. Non-ferrous metallic
 - ☒ 2. Non-metallic
 - ☐ 3. Ferrous metallic
 - ☐ 4. Energy mineral

Q.23 According to Article _____, there shall be equality of opportunities for all citizens in matters relating to employment or appointment to any office under the State.

- Ans**
- ☐ 1. 18
 - ☒ 2. 16
 - ☐ 3. 19
 - ☐ 4. 17

Q.24 In the PM-SVANidhi Scheme (2020), the urban street vendors are eligible to avail a Working Capital Loan up to 10,000 with a tenure of:

- Ans**
- ☐ 1. 3 years
 - ☐ 2. 5 years
 - ☐ 3. 2 years
 - ☒ 4. 1 year

Q.25 Sahaswan gharana of Rampur was established by whom among the following personalities?

- Ans**
- ☐ 1. Abdul Karim Khan
 - ☐ 2. Amanat Ali Khan
 - ☐ 3. Ustad Ghaghe Khuda Baksh
 - ☒ 4. Ustad Inayat Hussain Khan

Section : **English Language and Comprehension**

Q.1 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
She is studying / the medicine / at university / to become a doctor.

- Ans**
- ☐ 1. to become a doctor.
 - ☐ 2. at university
 - ☒ 3. the medicine
 - ☐ 4. She is studying

Q.2 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Elegant
 - ☐ 2. Crowded
 - ☒ 3. Defecteev
 - ☐ 4. Efficient

Q.3 Select the most appropriate ANTONYM of the given word.
Foremost

- Ans**
- ☒ 1. Unimportant
 - ☐ 2. Premature
 - ☐ 3. Forecast
 - ☐ 4. Disposed

Q.4 Select the most appropriate meaning of the underlined idiom.
The situation was out of hand. So, the manager called the police station for help.

- Ans**
- ☒ 1. To be uncontrollable
 - ☐ 2. In an undecided state
 - ☐ 3. To be abrupt
 - ☐ 4. To be serious

Q.5 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in the blanks.

Leif Erikson is a Viking _____ believed to have sailed from the Green Lands to Vinland. Vinland is now thought to be the northern tip of Canada's Newfoundland island where _____ found evidence of Erikson's _____ in 1960s.

- Ans**
- ☒ 1. explorer; archaeologists; settlement
 - ☐ 2. astronomer; sculptors; colony
 - ☐ 3. calligrapher; historians; community
 - ☐ 4. sailor; excavators; packed

Q.6 Select the most appropriate synonym of the underlined word in the given sentence.

His decision to quit his stable job and travel the world was driven by a sudden caprice.

- Ans**
- ☐ 1. Sorrow
 - ☒ 2. Impulse
 - ☐ 3. Determination
 - ☐ 4. Delight

Q.7 Select the option that has an error in the use of phrasal verb.

- Ans**
- ☒ 1. Please suggest me some tips to get out nervousness.
 - ☐ 2. Back up your essential files. Technology is only sometimes reliable.
 - ☐ 3. Please turn up the heater. The weather is too cold today .
 - ☐ 4. Pushpa came across an old photo in the album and asked me to recognise the face in it.

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The gold watch / look really expensive / and is not affordable / for common people.

- Ans**
- ☐ 1. The gold watch
 - ☐ 2. and is not affordable
 - ☒ 3. look really expensive
 - ☐ 4. for common people

Q.9 Rectify the following sentence by selecting the correct spelling of the underlined word from the options.

Life is a collection of ephmeral moments.

- Ans**
- ☐ 1. Ephameral
 - ☐ 2. Ephemerl
 - ☒ 3. Ephemeral
 - ☐ 4. Epmeral

Q.10 Select the most appropriate form of comparative degree that can substitute the underlined segment in the given sentence.

Bilingual children are so intelligent than those who speak just one language.

- Ans**
- ☐ 1. better intelligent than
 - ☒ 2. more intelligent than
 - ☐ 3. so intelligent to
 - ☐ 4. the most intelligent to

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.

One of the most horrified serials of the Indian television industry was broadcast twenty years ago.

- Ans**
- ☒ 1. most horror serials
 - ☐ 2. most horrifying serials
 - ☐ 3. more horrify serials
 - ☐ 4. horrified serials

Q.12 Select the most appropriate synonym of the given word.
Restraint

- Ans**
- ☒ 1. Self-control
 - ☐ 2. Self-esteem
 - ☐ 3. Self-acceptance
 - ☐ 4. Self-appraisal

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
It has been / noticed that / across all his faults, / he is admired.

- Ans**
- ☒ 1. across all his faults
 - ☐ 2. noticed that
 - ☐ 3. It has been
 - ☐ 4. he is admired

Q.14 Select the most appropriate ANTONYM of the highlighted word.

The new syllabus of Final Semester of MBA is very difficult.

- Ans**
- ☐ 1. rigid
 - ☐ 2. problematical
 - ☒ 3. easy
 - ☐ 4. perplexing

Q.15 Select the most appropriate synonym for the given word.
Fusion

- Ans**
- ☒ 1. Blend
 - ☐ 2. Glide
 - ☐ 3. Grind
 - ☐ 4. Ingredient

Q.16 Select the most appropriate meaning of the underlined **phrase**.

This sentence can have multiple meanings. Could you please specify what it means?

- Ans**
- ☐ 1. Heterogeneous
 - ☐ 2. Homogeneous
 - ☐ 3. Amorphous
 - ☒ 4. Ambiguous

Q.17 Select the most appropriate option that can substitute the underlined words in the given sentence.

My mother asked me who did accompany me to the airport.

- Ans**
- ☐ 1. who must accompanied me
 - ☐ 2. whom I was accompanied
 - ☐ 3. who accompany me
 - ☒ 4. who accompanied me

Q.18 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Myriad
 - ☐ 2. Accolades
 - ☒ 3. Explanation
 - ☐ 4. Proposal

Q.19 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

This is going to be overwhelming for you as you have taken on work beyond your capabilities.

- Ans**
- ☒ 1. put something on ice
 - ☒ 2. called it a day
 - ☒ 3. bitten off more than you can chew
 - ☒ 4. at the eleventh hour

Q.20 The given sentence is divided into four parts. One of them contains a grammatical error. Select the part that contains the error from the given options.

He was acquitted to / a cyber crime / on the basis of evidence / given to the court.

- Ans**
- ☒ 1. a cyber crime
 - ☒ 2. on the basis of evidence
 - ☒ 3. He was acquitted to
 - ☒ 4. given to the court

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The newspaper is one of the significant signs of (1) _____ civilisation. It is the most popular form of reading in the (2) _____ times because it interests all sorts of people. It is full of political news, sports and commercial news, as well as articles by well-known writers. A newspaper keeps us (3) _____ entertained and informed.

In these days of democracy, public opinion rules everywhere. (4) _____ government can long withstand the pressure of a strong public opinion. It is, therefore, quite clear that the press controls public opinion, and public opinion, in turn, controls the government. Ultimately, the press controls the government. It acts as an interpreter between the government and the people and brings the rulers and the ruled (5) _____.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. modern
 - ☒ 2. prehistoric
 - ☒ 3. monolithic
 - ☒ 4. ancient

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The newspaper is one of the significant signs of (1) _____ civilisation. It is the most popular form of reading in the (2) _____ times because it interests all sorts of people. It is full of political news, sports and commercial news, as well as articles by well-known writers. A newspaper keeps us (3) _____ entertained and informed.

In these days of democracy, public opinion rules everywhere. (4) _____ government can long withstand the pressure of a strong public opinion. It is, therefore, quite clear that the press controls public opinion, and public opinion, in turn, controls the government. Ultimately, the press controls the government. It acts as an interpreter between the government and the people and brings the rulers and the ruled (5) _____.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. present
 - ☒ 2. dark
 - ☒ 3. future
 - ☒ 4. past

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The newspaper is one of the significant signs of (1) _____ civilisation. It is the most popular form of reading in the (2) _____ times because it interests all sorts of people. It is full of political news, sports and commercial news, as well as articles by well-known writers. A newspaper keeps us (3) _____ entertained and informed.

In these days of democracy, public opinion rules everywhere. (4) _____ government can long withstand the pressure of a strong public opinion. It is, therefore, quite clear that the press controls public opinion, and public opinion, in turn, controls the government. Ultimately, the press controls the government. It acts as an interpreter between the government and the people and brings the rulers and the ruled (5) _____.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. nor
 - ☒ 2. either
 - ☒ 3. or
 - ☒ 4. both

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The newspaper is one of the significant signs of (1) _____ civilisation. It is the most popular form of reading in the (2) _____ times because it interests all sorts of people. It is full of political news, sports and commercial news, as well as articles by well-known writers. A newspaper keeps us (3) _____ entertained and informed.

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SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. No
 - ☒ 2. Some
 - ☒ 3. All
 - ☒ 4. Both

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The newspaper is one of the significant signs of (1) _____ civilisation. It is the most popular form of reading in the (2) _____ times because it interests all sorts of people. It is full of political news, sports and commercial news, as well as articles by well-known writers. A newspaper keeps us (3) _____ entertained and informed.

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SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. together
 - ☒ 2. overall
 - ☒ 3. jointed
 - ☒ 4. apart

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	07/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 A man bought a bullock and a cart for ₹10,000. He sold the bullock at a gain of 30% and the cart at a loss of 20%, thereby gaining 2% on the whole. Find the cost of the bullock.

- Ans**
- ☒ 1. ₹4,400
 - ☐ 2. ₹4,600
 - ☐ 3. ₹5,400
 - ☐ 4. ₹5,600

Q.2 Find the greatest number that exactly divides 12, 24 and 40.

- Ans**
- ☐ 1. 3
 - ☐ 2. 2
 - ☐ 3. 40
 - ☒ 4. 4

Q.3 A person has to cover a distance of 8 km in 1 hour. If he covers one-fourth of the distance in one-third of the total time, then what should his speed (in km/h) be to cover the remaining distance in the remaining time so that the person reaches the destination exactly on time?

- Ans**
- ☒ 1. 9
 - ☐ 2. 6
 - ☐ 3. 8
 - ☐ 4. 7

Q.4 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 3% per year rate of interest for 2 years.

- Ans**
- ☐ 1. 170
 - ☐ 2. 150
 - ☒ 3. 210
 - ☐ 4. 250

Q.5 A closed cylindrical tank of height 280 cm and base radius 70 cm is to be made from a metal sheet. The required sheet for the same, in m^2 , is:

- Ans**
- ☐ 1. 12.8
 - ☐ 2. 13.8
 - ☐ 3. 14.4
 - ☒ 4. 15.4

Q.6 The mean of the first 8 odd natural numbers is:

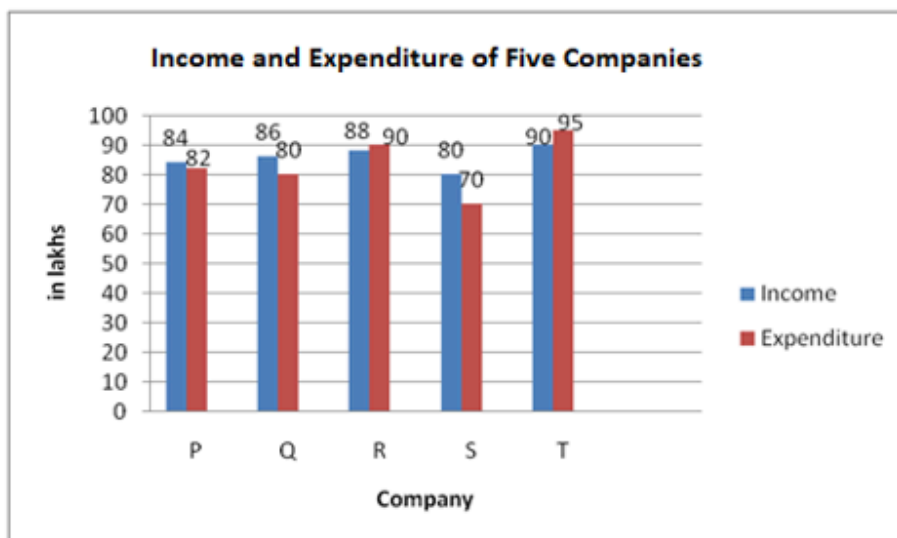
- Ans**
- ☐ 1. 7
 - ☐ 2. 6
 - ☒ 3. 8
 - ☐ 4. 5

Q.7 Area of the base of a right circular cone is 308 cm^2 and its height is $7\sqrt{2} \text{ cm}$. Find its curved surface area (in cm^2). (Use $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. $325\sqrt{5}$
 - ☒ 2. $320\sqrt{3}$
 - ☒ 3. $308\sqrt{2}$
 - ☒ 4. $308\sqrt{3}$

Q.8 (The following bar chart shows the income and expenditure (in lakhs) of five companies (P, Q, R, S, T) in the year 2020. The percentage profit or loss of a company is given by:

$$(\text{Profit or loss}) \% = \frac{I - E}{E} \times 100; \text{ where } I = \text{income}, E = \text{expenditure}$$



If the income of company R in 2020 was 10% more than its income in 2019 and the company had earned a profit of 30% in 2019, then its approximate expenditure in 2019 (in lakhs) was:

- Ans
- ☒ 1. ₹51.23
 - ☒ 2. ₹61.54
 - ☒ 3. ₹63.14
 - ☒ 4. ₹58.37

Q.9 A dishonest shopkeeper promises to sell his goods at cost price. However, he uses a weight that actually weighs 49% less than what is written on it. Find his profit percentage.

- Ans
- ☒ 1. $96\frac{4}{51}\%$
 - ☒ 2. $97\frac{5}{51}\%$
 - ☒ 3. $98\frac{8}{51}\%$
 - ☒ 4. $95\frac{4}{51}\%$

Q.10 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 4% per year rate of interest for 3 years.

- Ans**
- ☐ 1. 320
 - ☒ 2. 360
 - ☐ 3. 300
 - ☐ 4. 400

Q.11 A person borrows ₹18,000 for 4 years at 10% per annum simple interest. He lends it to another person at 15% per annum for 3 years. What is his average gain (in ₹) in the transaction per year?

- Ans**
- ☐ 1. 900
 - ☐ 2. 450
 - ☐ 3. 375
 - ☒ 4. 225

Q.12 The below table shows the population of men and women (in ratio) for five cities. Study the below table carefully and answer the question that follows.

City	Population	Men : Women
Kanpur	4500	5:4
Bangalore	1547	4:3
Pune	1818	5:1
Mumbai	1547	3:4
Jabalpur	1089	4:5

What is the difference between the total number of men of Mumbai and Pune together and number of women in Jabalpur and Bangalore together?

- Ans**
- ☐ 1. 747
 - ☒ 2. 910
 - ☐ 3. 760
 - ☐ 4. 572

Q.13 In view of Diwali, Rajnee, an electronics shop owner, offers a discount scheme to her customers that on buying 15 decorative bulbs, they get 5 decorative bulbs free. What is the effective percentage discount given by Rajnee to her customers?

- Ans**
- ☐ 1. 20%
 - ☐ 2. 33%
 - ☐ 3. 30%
 - ☒ 4. 25%

Q.14 A man covers the first half of the journey at the speed of 60 km/h and the remaining at the speed of 84 km/h. What is his average speed (in km/h)?

- Ans**
- ☐ 1. 65
 - ☒ 2. 70
 - ☐ 3. 60
 - ☐ 4. 75

Q.15 A man spends 12% of his income on food, 18% on children's education, and 70% of the remaining on house rent. What percentage of his income is he left with?

- Ans**
- ☐ 1. 20%
 - ☐ 2. 28%
 - ☒ 3. 21%
 - ☐ 4. 30%

Q.16 The price of 24 movie tickets is ₹768. How much (in ₹) will 32 movie tickets cost? [Assume that all tickets here are equally priced]

- Ans**
- ☐ 1. 992
 - ☐ 2. 1056
 - ☒ 3. 1024
 - ☐ 4. 1040

Q.17 A water well has height h meters and diameter 21 m. The cost of plastering the well is ₹1,36,125 at the rate of ₹275/m², then find the height of the well. ($\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 5.5 m
 - ☐ 2. 4.5 m
 - ☒ 3. 2.25 m
 - ☐ 4. 7.5 m

Q.18 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 66 kg and 37 kg is:

- Ans
- ☐ 1. 48.6
 - ☒ 2. 49.6
 - ☐ 3. 51.6
 - ☐ 4. 50.6

Q.19 How many kilograms of tea, costing ₹250 per kg must be mixed with 25 kg of tea costing ₹400 per kg so that there may be a profit of 10% on selling the mixture at ₹330 per kg?

- Ans
- ☒ 1. 50 kg
 - ☐ 2. 45 kg
 - ☐ 3. 60 kg
 - ☐ 4. 40 kg

Q.20 2 kg of copper at ₹15 per kg is mixed with 3 kg of zinc at ₹20 per kg. Find the average price of the mixture.

- Ans
- ☐ 1. ₹18.5
 - ☐ 2. ₹17.5
 - ☒ 3. ₹18
 - ☐ 4. ₹17

Section : Reasoning Ability and Problem Solving

Q.1 In a certain code language, 'All men fight' is coded as 'AO EI UH' and 'men shave everyday' is coded as 'MN TP EI'. How is 'men' coded in that code language?

- Ans
- ☐ 1. AO
 - ☐ 2. UH
 - ☐ 3. TP
 - ☒ 4. EI

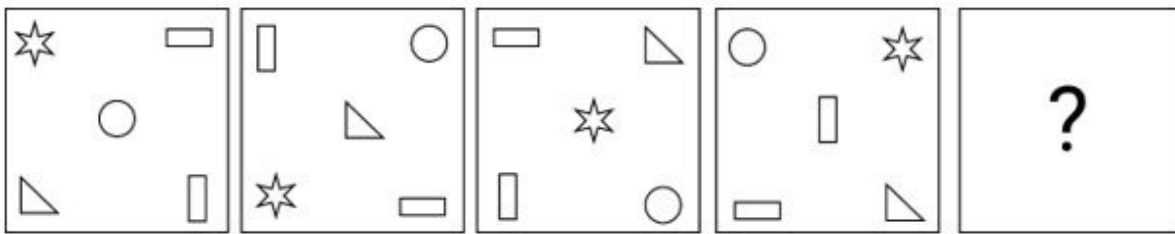
Q.2 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

27, 109
31, 125

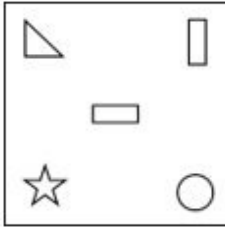
- Ans
- ☒ 1. 36, 145
 - ☐ 2. 36, 144
 - ☐ 3. 35, 145
 - ☐ 4. 35, 144

Q.3 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.

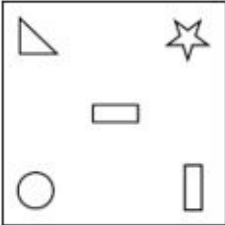


Ans

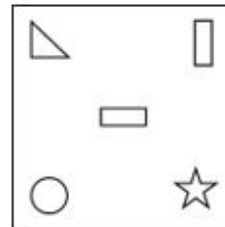
✗ 1.



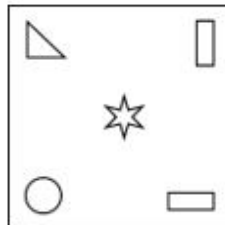
✗ 2.



✓ 3.



✗ 4.



Q.4 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). C sits second to the left of E, who is third to the left of A. G sits third to the right of B, who is not an immediate neighbour of F. D sits second to the right of B.

How many people sit between D and A when counted from the left of D?

- Ans**
- ✗ 1. Three
 - ✗ 2. One
 - ✗ 3. Two
 - ✓ 4. Four

Q.5 In a certain code language, 'HOME' is coded as '7519' and 'MUST' is coded as '6782'. What is the code for 'M' in that language?

- Ans**
- ✗ 1. 6
 - ✓ 2. 7
 - ✗ 3. 2
 - ✗ 4. 1

Q.6 NGMI is related to LEKG in a certain way based on the English alphabetical order. In the same way, QJPL is related to OHNJ. To which of the following is TMSO related following the same logic?

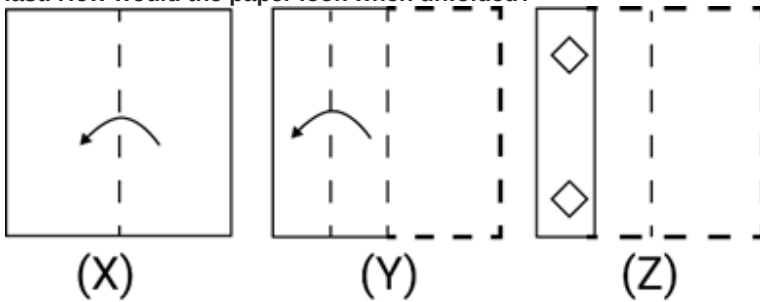
- Ans
- ☒ 1. KEQM
 - ☒ 2. KRMQ
 - ☒ 3. RKQM
 - ☒ 4. RKMQ

Q.7 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$2 \div 70 \times 2 - 30 + 30 = ?$$

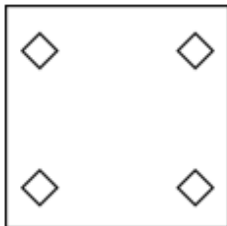
- Ans
- ☒ 1. 70
 - ☒ 2. 69
 - ☒ 3. 66
 - ☒ 4. 68

Q.8 A square sheet of paper is folded along the dotted line successively along the directions shown and is then punched in the last. How would the paper look when unfolded?

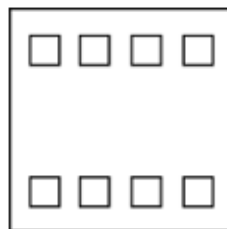


Ans

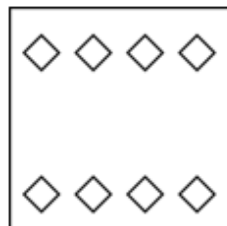
☒ 1.



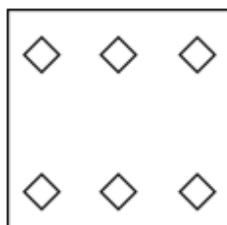
☒ 2.



☒ 3.



☒ 4.



Q.9 Eight friends, J, K, L, M, N, O, P and Q are sitting around a round table facing the centre (but not necessarily in the same order). K is an immediate neighbour of both Q and M. N is an immediate neighbour of both P and J. L is sitting immediately right to J. K is sitting at the immediate left of Q and is second to the right of O. Who is sitting to the immediate right of M?

- Ans**
- ☐ 1. O
 - ☐ 2. J
 - ☒ 3. K
 - ☐ 4. P

Q.10 Which two numbers should be interchanged to make the given equation correct?
 $52 + 44 - 38 \div 2 + 13 \times 4 - 26 = 97$
(Note: Interchange should be done of entire number and not individual digits of a given number)

- Ans**
- ☐ 1. 52 and 38
 - ☒ 2. 38 and 26
 - ☐ 3. 44 and 38
 - ☐ 4. 44 and 26

Q.11 In a certain code language, 'CURD' is coded as '2436' and 'DOGS' is coded as '3719'. What is the code for 'D' in the given code language?

- Ans**
- ☐ 1. 6
 - ☒ 2. 3
 - ☐ 3. 1
 - ☐ 4. 2

Q.12 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: Some cakes are sweets. All sweets are fruits.

Conclusions:

- (I) Some fruits are sweets.
- (II) All cakes are fruits.

- Ans**
- ☒ 1. Only conclusion (I) follows.
 - ☐ 2. Neither conclusion (I) nor (II) follows.
 - ☐ 3. Both conclusions (I) and (II) follows.
 - ☐ 4. Only conclusion (II) follows.

Q.13 49 is related to 96 following a certain logic. Following the same logic, 54 is related to 106. To which of the following is 36 related following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

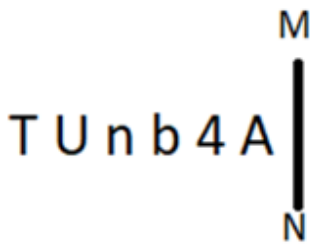
- Ans**
- ☐ 1. 62
 - ☒ 2. 70
 - ☐ 3. 78
 - ☐ 4. 56

Q.14 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ABC, EFG, IJK, MNO, ?

- Ans**
- ☐ 1. STU
 - ☐ 2. TUV
 - ☒ 3. QRS
 - ☐ 4. UVW

Q.18 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ✓ 1. A Ɔ d n U T
 - ✗ 2. 4 A d n U T
 - ✗ 3. A Ɔ d n n U 1
 - ✗ 4. Ɔ A q u n U 1

Q.19 Select the number from among the given options that can replace the question mark (?) in the following series.
[6/5], [3/2], [9/5],[21/10], [12/5], ?

- Ans
- ✓ 1. 27/10
 - ✗ 2. 29/10
 - ✗ 3. 9/2
 - ✗ 4. 5/2

Q.20 In a certain code language, 'find the key' is written as 'so hd sm' and 'key to success' is written as 'gj so la'. How is 'key' written in the given language?

- Ans
- ✓ 1. so
 - ✗ 2. gi
 - ✗ 3. la
 - ✗ 4. sm

Section : General Awareness

Q.1 A person having stunted growth and discoloured hair is most probably suffering from _____.

- Ans
- ✗ 1. Vitamin A Deficiency
 - ✓ 2. Protein Deficiency
 - ✗ 3. Glucose Deficiency
 - ✗ 4. Lipid Deficiency

Q.2 The elements that are liquid at room temperature (25°C) are:

- Ans
- ✓ 1. bromine and mercury
 - ✗ 2. bromine and chlorine
 - ✗ 3. helium and chlorine
 - ✗ 4. helium and mercury

Q.3 Maitraka dynasty was founded in which part of India?

- Ans
- ✓ 1. Western
 - ✗ 2. Southern
 - ✗ 3. Northern
 - ✗ 4. Eastern

Q.4 Who among the following was the chief guest of India's first Republic Day in 1950?

- Ans
- ✗ 1. Rana Abdul Hamid
 - ✗ 2. Queen Elizabeth
 - ✗ 3. Georgy Zhukov
 - ✓ 4. Sukarno

Q.5	In the case of reptiles, their heart is not properly divided in to four chambers i.e., it consists of two auricles and an incompletely divided ventricle. Which of the following is an example of a reptile having a four-chambered heart?
Ans	 1. Lizard  2. Crocodile  3. Turtles  4. Snake
Q.6	Who among the following was the first Indian representative in modern Olympics?
Ans	 1. Norman Pritchard  2. Milkha Singh  3. Nilima Ghose  4. KD Jadhav
Q.7	Sonu Nigam was awarded the Padma Shri in 2022 for which of the following fields?
Ans	 1. Public Affairs  2. Art  3. Civil Service  4. Sports
Q.8	For transporting water from one place to another, some man-made structures used to distribute water to a place far away are known as:
Ans	 1. aquifer  2. aquiclude  3. aqueducts  4. aquifuge
Q.9	Valabhi type of Nagara temples are generally _____ in shape, with a roof that rises into a vaulted chamber.
Ans	 1. circular  2. rectangular  3. square  4. triangular
Q.10	Which of the following dance forms is primarily associated with Eastern India states like Odisha, Jharkhand and West Bengal?
Ans	 1. Chhau  2. Kathak  3. Kuchipudi  4. Bharatanatyam
Q.11	Which of the following awards is NOT sponsored by the Madhya Pradesh government?
Ans	 1. Devi Ahilyabai Award  2. Tagore Ratna  3. Tulshi Samman  4. Kishore Kumar Samman
Q.12	In which of the following years was the 'Quit India Movement' launched?
Ans	 1. 1919  2. 1920  3. 1935  4. 1942
Q.13	Which of the following was the first Regional Rural Bank of India?
Ans	 1. Vishwas Bank  2. Bandhan Bank  3. Utkarsh Bank  4. Pratham Bank

Q.14 Article _____ A supplements the 11th fundamental duty of the Indian Constitution?

- Ans**
- ☒ 1. 46
 - ☒ 2. 21
 - ☒ 3. 28
 - ☒ 4. 33

Q.15 Which team won the Ultimate Kho-Kho League Season 2 event?

- Ans**
- ☒ 1. Telugu Yoddhas
 - ☒ 2. Mumbai Khiladis
 - ☒ 3. Gujarat Giants
 - ☒ 4. Chennai Quick Guns

Q.16 Which of the following crops is grown in the Kharif season in India?

- Ans**
- ☒ 1. Barley
 - ☒ 2. Mustard
 - ☒ 3. Soyabean
 - ☒ 4. cucumber

Q.17 The Durg-Bastar-Chandrapur iron ore belt lies in which of the following groups of states?

- Ans**
- ☒ 1. Madhya Pradesh - Gujarat
 - ☒ 2. Karnataka - Goa
 - ☒ 3. Odisha - Jharkhand
 - ☒ 4. Chhattisgarh - Maharashtra

Q.18 Who among the following founded the Saluva dynasty of Vijayanagara empire?

- Ans**
- ☒ 1. Rama Deva Raya
 - ☒ 2. Narsimha Deva Raya
 - ☒ 3. Bukka Raya I
 - ☒ 4. Krishnadeva Raya

Q.19 According to Labour and Employment Statistics 2022, match the states in the first column with their rate of unemployment in the year 2020-21 given in the second column.

i) Kerala	a) 6.3%
ii) Goa	b) 10.1%
iii) Haryana	c) 6.9%
iv) Uttarakhand	d) 10.5%

- Ans**
- ☒ 1. i) a, ii) c, iii) d, iv) b
 - ☒ 2. i) d, ii) b, iii) c, iv) a
 - ☒ 3. i) d, ii) c, iii) b, iv) a
 - ☒ 4. i) b, ii) d, iii) a, iv) c

Q.20 What was the percentage increase in the disbursal of 'Pradhan Mantri Mudra Yojana' (PMMY) loans in the first quarter of FY 2023-24 compared to the same quarter in the previous year, if the disbursal reached ₹81,597 crore, up from ₹62,650 crore?

- Ans**
- ☒ 1. 23%
 - ☒ 2. 27%
 - ☒ 3. 20%
 - ☒ 4. 15%

Q.21 Which of the following is the autobiography of Bhishma Sahni?

- Ans**
- ☒ 1. Aarhdakatha
 - ☒ 2. Aaj ke Ateet
 - ☒ 3. Aatma Parichaya
 - ☒ 4. Pankhhin

Q.22 Which Articles of the Constitution of India provide for a parliamentary form of government at the Centre?

- Ans**
- ☐ 1. Articles 76 and 77
 - ☐ 2. Articles 71 and 72
 - ☐ 3. Articles 79 and 80
 - ☒ 4. Articles 74 and 75

Q.23 In which year was the Multi-dimensional Poverty Index launched in India?

- Ans**
- ☐ 1. 2020
 - ☐ 2. 2022
 - ☒ 3. 2021
 - ☐ 4. 2023

Q.24 Who was the chairman of the drafting committee of the Constituent Assembly of India?

- Ans**
- ☐ 1. Vallabhbhai Patel
 - ☐ 2. JB Kripalani
 - ☐ 3. Rajendra Prasad
 - ☒ 4. Bhimrao Ambedkar

Q.25 Samrat Choudhary and Vijay Kumar Sinha became the Deputy Chief Minister of _____ on 28 January 2024.

- Ans**
- ☐ 1. Jharkhand
 - ☐ 2. West Bengal
 - ☒ 3. Bihar
 - ☐ 4. Odisha

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Once the seminar was over, the host gave up the certificates to the active participants.

- Ans**
- ☐ 1. brought about
 - ☐ 2. put across
 - ☐ 3. came by
 - ☒ 4. gave away

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The most effective way to enhance your vocabulary is to look to unknown words in a dictionary.

- Ans**
- ☐ 1. stand against
 - ☒ 2. look up
 - ☐ 3. write off
 - ☐ 4. set by

Q.3 Select the most appropriate option to fill in the blank.
Poonam used a rubber band to keep the pencils together. 'Band' here means _____.

- Ans**
- ☐ 1. a long rigid piece of wood or metal
 - ☒ 2. a thin ring of rubber used for holding things together
 - ☐ 3. a tube filled with water
 - ☐ 4. a range of values or frequencies within a series

Q.4 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The head coach declared that the player who will score the most points in the game will clinch the trophy this year.

- Ans**
- ☐ 1. who scores the points maximum
 - ☐ 2. who have score the maximum points
 - ☐ 3. who were score the maximum points
 - ☒ 4. who scores the maximum points

Q.5 Select the option that can be used as a one-word substitute for the given group of words.
A person who rules with absolute power and authority

- Ans**
- ☒ 1. Dictator
 - ☐ 2. Senator
 - ☐ 3. Ruler
 - ☐ 4. Sovereign

Q.6 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Altogether
 - ☒ 2. Fulfeel
 - ☐ 3. Always
 - ☐ 4. Until

Q.7 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options.
Select the correct alternative.

I want to buy the less expensive bike, but with the best mileage.

- Ans**
- ☒ 1. least
 - ☐ 2. little
 - ☐ 3. lesser
 - ☐ 4. most less

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Despite the challenges,/ they ultimate achieved / their goal of launching / their startup.

- Ans**
- ☐ 1. their goal of launching
 - ☒ 2. they ultimate achieved
 - ☐ 3. Despite the challenges,
 - ☐ 4. their startup.

Q.9 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

Bheem has been shown in the popular culture as someone who eats in large quantity.

- Ans**
- ☐ 1. chews the fat
 - ☒ 2. eats like a horse
 - ☐ 3. eat humble pie
 - ☐ 4. eat like a bird

Q.10 Select the most appropriate synonym of the given word.
Benevolent

- Ans**
- ☒ 1. Kind
 - ☐ 2. Mysterious
 - ☐ 3. Enthusiastic
 - ☐ 4. Hostile

Q.11 Select the most appropriate option to fill in the blank.

The teacher asked us to _____ the main idea of the passage in the exam.

- Ans**
- ☐ 1. plagiarise
 - ☐ 2. conclusion
 - ☐ 3. underestimate
 - ☒ 4. summarise

Q.12 The following sentence has been divided into four segments. Identify the segment that has a grammatical error.
The thieves had no alternative / but to acquiesce with / the orders of / the police.

- Ans**
- ☐ 1. the police.
 - ☐ 2. the orders of
 - ☐ 3. The thieves had no alternative
 - ☒ 4. but to acquiesce with

Q.13 Select the most appropriate option that can substitute the underlined word(s) in the given sentence.

Manik said that it is mandatory that each student pay his/her tuition fees every month.

- Ans**
- ☒ 1. each student paid
 - ☒ 2. each student pays
 - ☒ 3. each student paid
 - ☒ 4. each students pay

Q.14 Select the appropriate option that can substitute the underlined idiom in the given sentence.

The entire audience was all ears when the Indian-born American economist started giving a speech.

- Ans**
- ☒ 1. was keen to listen
 - ☒ 2. was arguing in favour of both sides
 - ☒ 3. was eager to speak plainly
 - ☒ 4. was willing to exit the show

Q.15 The following sentence has been split into four parts. Identify the part that contains a grammatical error.

The youngest employees/ are chosen by the/ organisation to/ manage the fieldwork.

- Ans**
- ☒ 1. manage the fieldwork.
 - ☒ 2. are chosen by the
 - ☒ 3. organisation to
 - ☒ 4. The youngest employees

Q.16 Select the most appropriate ANTONYM of the underlined word in the given sentence.

He is known for his humility.

- Ans**
- ☒ 1. Agility
 - ☒ 2. Pride
 - ☒ 3. Beauty
 - ☒ 4. Knowledge

Q.17 Identify the INCORRECTLY spelt word in the given sentence.

The microscopic chip that emits a unique signal has been embedded into your arm.

- Ans**
- ☒ 1. emits
 - ☒ 2. unique
 - ☒ 3. embedded
 - ☒ 4. microscopic

Q.18 Select the most appropriate ANTONYM of the highlighted word.

The partners ended up being traitorous to each other.

- Ans**
- ☒ 1. Disloyal
 - ☒ 2. Proficient
 - ☒ 3. Faithful
 - ☒ 4. Fickle

Q.19 Select the most appropriate synonym of the given word.

Careful

- Ans**
- ☒ 1. Corrosive
 - ☒ 2. Cautious
 - ☒ 3. Corrupt
 - ☒ 4. Captivating

Q.20 Rectify the error in the given sentence by selecting the correct spelling from the options provided.

The nights of King Arthur were known for their chivalry.

- Ans**
- ☒ 1. knights
 - ☒ 2. nites
 - ☒ 3. knots
 - ☒ 4. naughts

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Three big fat rats once found a new use for _____1_____ tails. During the night, they came _____2_____ into the larder and found a jar with treacle in it. But the jar had a _____3_____ neck, and try as they might, the rats could not reach the treacle either with their mouths or their paws. At last, a bright idea _____4_____ one of them. He climbed onto the jar and let his tail hang down into the treacle. Then he pulled it out nicely coated with treacle and allowed the two rats to lick it _____5_____.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. it's
 - ☒ 2. their
 - ☒ 3. the
 - ☒ 4. there

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Three big fat rats once found a new use for _____1_____ tails. During the night, they came _____2_____ into the larder and found a jar with treacle in it. But the jar had a _____3_____ neck, and try as they might, the rats could not reach the treacle either with their mouths or their paws. At last, a bright idea _____4_____ one of them. He climbed onto the jar and let his tail hang down into the treacle. Then he pulled it out nicely coated with treacle and allowed the two rats to lick it _____5_____.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. creeping
 - ☒ 2. yelling
 - ☒ 3. dreaming
 - ☒ 4. acting

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Three big fat rats once found a new use for _____1_____ tails. During the night, they came _____2_____ into the larder and found a jar with treacle in it. But the jar had a _____3_____ neck, and try as they might, the rats could not reach the treacle either with their mouths or their paws. At last, a bright idea _____4_____ one of them. He climbed onto the jar and let his tail hang down into the treacle. Then he pulled it out nicely coated with treacle and allowed the two rats to lick it _____5_____.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. obese
 - ☒ 2. funny
 - ☒ 3. slow
 - ☒ 4. narrow

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Three big fat rats once found a new use for _____1_____ tails. During the night, they came _____2_____ into the larder and found a jar with treacle in it. But the jar had a _____3_____ neck, and try as they might, the rats could not reach the treacle either with their mouths or their paws. At last, a bright idea _____4_____ one of them. He climbed onto the jar and let his tail hang down into the treacle. Then he pulled it out nicely coated with treacle and allowed the two rats to lick it _____5_____.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. flew
 - ☒ 2. struck
 - ☒ 3. went
 - ☒ 4. stood

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Three big fat rats once found a new use for _____1_____ tails. During the night, they came _____2_____ into the larder and found a jar with treacle in it. But the jar had a _____3_____ neck, and try as they might, the rats could not reach the treacle either with their mouths or their paws. At last, a bright idea _____4_____ one of them. He climbed onto the jar and let his tail hang down into the treacle. Then he pulled it out nicely coated with treacle and allowed the two rats to lick it _____5_____.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. at
 -  2. by
 -  3. off
 -  4. in

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	08/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 If two successive discounts of 25% and 15%, respectively, are given, then what will be the net discount percentage?

- Ans**
- ☒ 1. 36.25%
 - ☐ 2. 36.15%
 - ☐ 3. 36.20%
 - ☐ 4. 36.10%

Q.2 Find the HCF of 70 and 90.

- Ans**
- ☐ 1. 5
 - ☒ 2. 10
 - ☐ 3. 2
 - ☐ 4. 7

Q.3 The area of a rectangular field is 396 m^2 , whose sides are in the ratio of 11 : 9. What is The perimeter of the rectangular field?

- Ans**
- ☐ 1. 78 m
 - ☐ 2. 74 m
 - ☐ 3. 76 m
 - ☒ 4. 80 m

Q.4 A tradesman marked his goods at 25% above its cost price and then allowed a discount of 13%. His gain (in %) is:

- Ans**
- ☐ 1. 9.26
 - ☐ 2. 8.25
 - ☐ 3. 9.62
 - ☒ 4. 8.75

Q.5 The average age of 11 players of a cricket team is increased by 2 months, when two of them aged 20 years and 21 years, respectively, are replaced by two new players. Find the average age of the two new players (in years).

- Ans**
- ☐ 1. $20\frac{1}{2}$
 - ☐ 2. $18\frac{1}{4}$
 - ☐ 3. $18\frac{5}{12}$
 - ☒ 4. $21\frac{5}{12}$

Q.6 A flat worth ₹9,50,000 is sold by Lakshman to Bharath at 8% profit. If Bharath sells it back to Lakshman at 3% loss, then find the gain/loss (in ₹) of Lakshman in the entire transaction?

- Ans**
- ☐ 1. Lakshman gains ₹45,220
 - ☐ 2. Lakshman loses ₹45,220
 - ☒ 3. Lakshman gains ₹30,780
 - ☐ 4. Lakshman gains ₹50,200

Q.7 There is a 21 litres mixture of milk and water. The ratio of milk and water in the mixture is 4 : 3. Find the amount of water (in litres) that should be added to this mixture so that the resulting mixture has 50% of water in it.

- Ans**
- ☐ 1. 4
 - ☐ 2. 1
 - ☒ 3. 3
 - ☐ 4. 2

Q.8 The price of a computer increases by 10% in the first year, decreases by 5% in the second year, and increases by 8% in the third year. If the original price was ₹50,000, then the final price (in ₹) is:

- Ans**
- ☒ 1. 56,430
 - ☐ 2. 55,830
 - ☐ 3. 54,120
 - ☐ 4. 55,100

Q.9 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 3% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 300
 - ☒ 2. 360
 - ☐ 3. 320
 - ☐ 4. 400

Q.10 A hemispherical bowl of internal radius 15 cm contains a liquid. The liquid is to be filled into cylindrical shaped bottles of diameter 5 cm and height 6 cm. The number of bottles required to empty the bowl is:

- Ans**
- ☐ 1. 50
 - ☐ 2. 30
 - ☒ 3. 60
 - ☐ 4. 40

Q.11 A thief saw a policeman and he started running at a speed of 12 m/s. After a certain time, the policeman starts running behind the thief at a speed of 18 m/s. If the policeman covered a 540 m distance to catch the thief, the time (in seconds) after which the policeman started running is:

- Ans**
- ☐ 1. 10
 - ☒ 2. 15
 - ☐ 3. 12
 - ☐ 4. 18

Q.12 A man riding his bicycle covers 75 metres in 12.5 seconds. What is his speed (in km/hr)?

- Ans**
- ☒ 1. 21.6
 - ☐ 2. 15.5
 - ☐ 3. 11.1
 - ☐ 4. 6

Q.13 The speeds of three cars are in the ratio 5 : 3 : 4. The ratio between the time taken by these cars to cover the same distance is:

- Ans**
- ☐ 1. 10:13:15
 - ☐ 2. 16:13:15
 - ☒ 3. 12:20:15
 - ☐ 4. 12:13:15

Q.14 Alfred buys an old scooter for ₹4,700 and spends ₹800 on its repairs. If he sells the scooter for ₹5,800, his gain percentage is:

Ans

☒ 1. $5\frac{5}{11}\%$

☐ 2. $5\frac{4}{11}\%$

☐ 3. 4.5%

☐ 4. $6\frac{5}{11}\%$

Q.15 Rakesh rented out an amount to Samarth for 6 years at simple interest rate. At the end of the 6th year, Samarth paid $\frac{8}{7}$ of the amount to Rakesh to clear out the amount. The rate of simple interest per annum was:

Ans

☐ 1. $2\frac{3}{20}\%$

☒ 2. $2\frac{8}{21}\%$

☐ 3. $2\frac{7}{21}\%$

☐ 4. $2\frac{1}{12}\%$

Q.16 The average of the first six multiples of 7 is:

Ans

☐ 1. 22.4

☒ 2. 24.5

☐ 3. 23.2

☐ 4. 25.1

Q.17 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 3% per year rate of interest for 6 years.

Ans

☐ 1. 410

☐ 2. 390

☒ 3. 450

☐ 4. 490

Q.18 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 70 kg and 39 kg is:

Ans

☐ 1. 51.8

☐ 2. 52.8

☒ 3. 50.8

☐ 4. 49.8

Q.19 What is the value of 'K' in the given equation?

$$\frac{154}{7 \text{ of } 4} + \frac{92}{K} + 14.3 \div 13 = 10.6$$

Ans

☒ 1. 23

☐ 2. 4

☐ 3. 21

☐ 4. 27

Q.20 A wooden toy is in the form of a sphere with diameter 28 cm. Find the cost of polishing its surface at the rate of 50 paise per cm^2 . (Take $\pi = \frac{22}{7}$)

- Ans**
- ☒ 1. ₹1,232
 - ☐ 2. ₹1,234
 - ☐ 3. ₹1,230
 - ☐ 4. ₹1,236

Section : Reasoning Ability and Problem Solving

Q.1 14 is related to 68 following a certain logic. Following the same logic, 17 is related to 83. To which of the following is 21 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 103
 - ☐ 2. 105
 - ☐ 3. 107
 - ☐ 4. 101

Q.2 3 is related to 15 following a certain logic. Following the same logic, 12 is related to 60. To which of the following is 5 related to, following the same logic?

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 32
 - ☐ 2. 30
 - ☒ 3. 25
 - ☐ 4. 35

Q.3 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

BXL, DVN, FTP, ?, JPT

- Ans**
- ☐ 1. GRR
 - ☐ 2. HST
 - ☒ 3. HRR
 - ☐ 4. GRS

Q.4 In a certain code language, 'LIKE' is coded as '1576' and 'LINK' is coded as '6581'. What is the code for 'E' in the given code language?

- Ans**
- ☐ 1. 5
 - ☐ 2. 1
 - ☒ 3. 7
 - ☐ 4. 6

Q.5 In a certain code language, 'BENT' is coded as '4628' and 'EARS' is coded as '5471'. What is the code for 'E' in the given code language?

- Ans**
- ☐ 1. 5
 - ☐ 2. 7
 - ☐ 3. 6
 - ☒ 4. 4

Q.6 What will come in the place of '?' in the following equation, if '×' and '÷' are interchanged and '-' and '+' are interchanged?
 $23 \div 18 + 150 \times 50 - 44 = ?$

- Ans**
- ☐ 1. 485
 - ☐ 2. 545
 - ☒ 3. 455
 - ☐ 4. 515

Q.7 Which two numbers should be interchanged to make the following equation correct?

$$(28 \times 2) - 16 \times 6 + 8 \times 3 + 5 \times 7 = 39$$

(Note: Interchange should be done of the entire number and not individual digits of a given number.)

- Ans**
- ☐ 1. 8 and 7
 - ☒ 2. 2 and 3
 - ☐ 3. 5 and 3
 - ☐ 4. 6 and 7

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All cats are dogs. Some cats are lions.

Conclusion (I): Some dogs are lions.

Conclusion (II): At least some lions are cats.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☐ 2. Neither conclusion I nor II follows
 - ☒ 3. Both conclusions I and II follow
 - ☐ 4. Only conclusion I follows

Q.9 What should come in place of the question mark (?) in the given series?

4, 5, 8, 13, 20, ?

- Ans**
- ☐ 1. 28
 - ☐ 2. 31
 - ☐ 3. 30
 - ☒ 4. 29

Q.10 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All pumpkin is mutton.

All mutton are fishes.

Conclusions:

(I) Some fishes are mutton.

(II) All pumpkins are fishes.

- Ans**
- ☐ 1. Neither conclusion (I) nor (II) follows.
 - ☐ 2. Only conclusion (I) follows.
 - ☐ 3. Only conclusion (II) follows.
 - ☒ 4. Both conclusions (I) and (II) follow.

Q.11 What should come in place of the question mark (?) in the given series?

7 12 16 30 34 66 70 ?

- Ans**
- ☐ 1. 140
 - ☒ 2. 138
 - ☐ 3. 142
 - ☐ 4. 136

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- Some plants are rocks.
- No vegetable is a plant.

Conclusions:

I) No vegetable is a rock

(II) Some rocks are plants.

- Ans**
- ☐ 1. Only conclusion (I) follows
 - ☐ 2. Both conclusions (I) and (II) follow
 - ☒ 3. Only conclusion (II) follows
 - ☐ 4. Neither conclusion (I) nor (II) follows

Q.13 NFKG is related to JBGC in a certain way based on the English alphabetical order. In the same way, PHMI is related to LDIE. To which of the following is TLQM related, following the same logic?

- Ans**
- ☐ 1. HPIM
 - ☐ 2. HPMI
 - ☐ 3. PHIM
 - ☒ 4. PHMI

Q.14 In a certain code language, 'WORD' is coded as '7135' and 'RISE' is coded as '4658'. What is the code for 'R' in the given code language?

- Ans**
- ☒ 1. 5
 - ☐ 2. 4
 - ☐ 3. 6
 - ☐ 4. 3

Q.15 EF26 is related to JK33 in a certain way. In the same way, TU27 is related to YZ34. To which of the following is JK28 related, following the same logic?

- Ans**
- ☐ 1. PO35
 - ☒ 2. OP35
 - ☐ 3. OP36
 - ☐ 4. PO36

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(3, 8, 1)
(1, 16, 7)

- Ans**
- ☐ 1. (4, 1, 2)
 - ☒ 2. (2, 6, 1)
 - ☐ 3. (3, 2, 6)
 - ☐ 4. (2, 11, 2)

Q.17 In a certain code language, 'I play football' is coded as 'ku ch ta' and 'he play cricket' is coded as 'al bi ta'. How is 'play' coded in the given language?

- Ans**
- ☐ 1. ku
 - ☐ 2. bi
 - ☒ 3. ta
 - ☐ 4. al

Q.18 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). Only 3 people are sitting between E and A when counted from the right of E. B is sitting 2nd to the left of A. G is sitting to the immediate left of F. Only 2 people are sitting between B and G when counted from the right of B. C is the immediate neighbour of E. What is the position of D with respect to E?

- Ans**
- ☒ 1. 3rd from the right
 - ☐ 2. 2nd from the left
 - ☐ 3. 2nd from the right
 - ☐ 4. 3rd from the left

Q.19 Seven people S, E, C, T, I, O and N are sitting around a circular table, facing the centre (but not necessarily in the same order). E is sitting second to the left of N, while N is sitting second to the left of S. Only one person is sitting between S and O when counted from the right of S. C is sitting to the immediate right of E, whereas T is sitting to the immediate left of O. Who is sitting to the immediate right of I?

- Ans**
- ☐ 1. T
 - ☐ 2. O
 - ☐ 3. C
 - ☒ 4. S

Q.20 JT79 is related to DN71 in a certain way. In the same way, KU22 is related to EO14. To which of the following is LV71 related, following the same logic?

- Ans**
- ☒ 1. FP63
 - ☐ 2. FP66
 - ☐ 3. PF63
 - ☐ 4. PF66

Section : General Awareness

Q.1 In which of the following years was the Census Act enacted and extended to the whole of India?

- Ans**
- ☐ 1. 1950
 - ☐ 2. 1951
 - ☐ 3. 1949
 - ☒ 4. 1948

Q.2 What is the usual treatment on repo rates by the Reserve Bank of India in case of a hawkish monetary policy stance?

- Ans**
- ☒ 1. Increased
 - ☐ 2. Kept the same
 - ☐ 3. Reduced gradually
 - ☐ 4. Reduced sharply by more than 100 bps

Q.3 Who among the following is/was a famous proponent of Bharatanatyam?

- Ans**
- ☐ 1. Kumkum Mohanty
 - ☐ 2. Kalavati Devi
 - ☐ 3. Sunanda Nair
 - ☒ 4. Rukmini Devi Arundale

Q.4 'Promotion of educational and economic interests of Scheduled Castes, Scheduled Tribes and other weaker sections' comes under which Article of Indian constitution?

- Ans**
- ☐ 1. Article 66
 - ☐ 2. Article 56
 - ☒ 3. Article 46
 - ☐ 4. Article 36

Q.5 Who among the following has written 'Gita Govinda', a Sanskrit epic?

- Ans**
- ☐ 1. Udayaraja
 - ☐ 2. Ramachandra
 - ☒ 3. Jayadeva
 - ☐ 4. Kalhan

Q.6 Who among the following was India's first cricket team captain?

- Ans**
- ☐ 1. Navab Pataudi
 - ☐ 2. Sunil Gavaskar
 - ☒ 3. CK Nayudu
 - ☐ 4. K Srikant

Q.7 Which of the following articles of the Constitution of India mentions that every Minister and the Attorney-General of India shall have the right to speak in and participate in the proceedings of either House of Parliament?

- Ans**
- ☐ 1. Article 86
 - ☐ 2. Article 89
 - ☐ 3. Article 87
 - ☒ 4. Article 88

Q.8 Which author wrote the Hindi novel 'Tamas'?

- Ans**
- ☐ 1. Premchand
 - ☐ 2. Yashpal
 - ☒ 3. Bhisham Sahani
 - ☐ 4. Shrilal Shukla

Q.9 Who were the first foreign rulers of northwest India in the post-Mauryan period?

- Ans**
- ☒ 1. Bactrian Greeks
 - ☐ 2. Kushanas
 - ☐ 3. Parthians
 - ☐ 4. Sakas

Q.10 Which of the following cell organelles possesses their own DNA and can synthesise protein for their functions?

- Ans**
- ☐ 1. Centrosome
 - ☒ 2. Chloroplast
 - ☐ 3. Golgi complex
 - ☐ 4. Endoplasmic reticulum

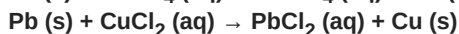
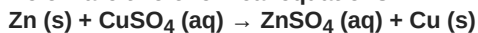
Q.11 Who is revered as 'Karnataka Sangeeta Pitamaha'?

- Ans**
- ☐ 1. Gopala Dasa
 - ☐ 2. Jagannatha Dasa
 - ☐ 3. Vijaya Dasa
 - ☒ 4. Purandara Dasa

Q.12 In cycling, what is a 'peloton'?

- Ans**
- ☐ 1. A cycling technique for climbing hills
 - ☒ 2. A group of riders in a tight pack during a race
 - ☐ 3. The starting line of a race
 - ☐ 4. The finish line of a race

Q.13 Below are two chemical equations:



Why does copper get separated from its compound form in both the cases?

- Ans**
- ☒ 1. Zinc and Lead are more reactive than Copper.
 - ☐ 2. Copper compounds break down under high pressure.
 - ☐ 3. Zinc and Lead are unstable in element form.
 - ☐ 4. Copper is more reactive than Zinc and Lead.

Q.14 As of 2023, what is the number of major public seaports in India?

- Ans**
- ☐ 1. 10
 - ☐ 2. 16
 - ☒ 3. 12
 - ☐ 4. 13

Q.15 Which social reformer from South India founded the Self Respect Movement?

- Ans**
-  1. C Iyodhee Pandithar
 -  2. EV Ramaswamy Naicker
 -  3. Kandukur Veeresalingam
 -  4. Chembeti Sridharalu Naidu

Q.16 The liquid water present in oceans, lakes and rivers gets converted to the gaseous form in the presence of sunlight in the water cycle. This step is called:

- Ans**
-  1. Evaporation
 -  2. Melting
 -  3. Precipitation
 -  4. Condensation

Q.17 Swachh Bharat Mission was launched on the birth anniversary of which of the following freedom fighters?

- Ans**
-  1. Chandrashekhar Azad
 -  2. Mahatma Gandhi
 -  3. Subhash Chandra Bose
 -  4. Bhagat Singh

Q.18 Bharatanatyam Guru _____ received the Nrithya Seva Ratna award from Indian Fine Arts Akademi, San Diego in 2023.

- Ans**
-  1. Vidhya Subramanian
 -  2. Ratikant Mohaptra
 -  3. Hema Rajagopalan
 -  4. Sailaja

Q.19 Which of the following statements about nutrients are correct?

Statement A: C, H, O, N, P and K are macro nutrients.
Statement B: Fe, Mn, Ni, Co and Mo are micronutrients.
Statement C: Micronutrients are not essential for our body.

- Ans**
-  1. Only statements B and C
 -  2. Only statements A and B
 -  3. Only statements A and C
 -  4. All statements A, B and C

Q.20 What is the height of the Kanchenjunga peak of Himalaya?

- Ans**
-  1. 8598 metres
 -  2. 8798 metres
 -  3. 8175 metres
 -  4. 8434 metres

Q.21 The campaign 'Ek Tareekh, Ek Ghanta, Ek Sath' is associated with which occasion?

- Ans**
-  1. Gandhi Jayanti
 -  2. Vivekananda Jayanti
 -  3. Ambedkar Jayanti
 -  4. Sardar Patel Jayanti

Q.22 In the Great Stupa at Sanchi there are _____ gateways known as 'Toranas' at the cardinal points to the compass.

- Ans**
-  1. 2
 -  2. 6
 -  3. 8
 -  4. 4

Q.23 The training academy for Indian Police Service officers has been named after:

- Ans**
-  1. Mahatma Gandhi
 -  2. Lal Bahadur Shastri
 -  3. Jawaharlal Nehru
 -  4. Sardar Vallabhbhai Patel

- Q.24** As per Census of India 2011, which of the following states has the highest percentage of Hindu population in India?
- Ans**  1. Himachal Pradesh
 2. Uttar Pradesh
 3. Bihar
 4. Madhya Pradesh
- Q.25** As of July 2023, 137 unique products under 'One District, One Product' scheme has been notified from how many districts?
- Ans**  1. 657
 2. 538
 3. 256
 4. 713

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to fill in the blank.
Never _____ ever seen a more disgusting sight.

- Ans**  1. I have
 2. did I
 3. has I
 4. have I

Q.2 Select the most appropriate idiom/phrase to fill in the blank.

My car _____ on the way to college yesterday.

- Ans**  1. broke out
 2. broke down
 3. broke in
 4. broke up

Q.3 Select the most appropriate word from the given options that can substitute the word 'courage' and make a meaningful sentence.

I am not courage enough to take this risk.

- Ans**  1. discouraging
 2. courageous
 3. encourage
 4. discourage

Q.4 Select the most appropriate synonym of the word in bold in the given sentence.
The future looks **bleak** for the fishing industry.

- Ans**  1. Expensive
 2. Ample
 3. Fearless
 4. Depressing

Q.5 Select the most appropriate ANTONYM of the given word.

Bulging

- Ans**  1. Contracting
 2. Hanging
 3. Swelling
 4. Weeping

Q.6 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Good nutrition is the bedrock at child survival, health and development.

- Ans**  1. bedrock from child survival
 2. bedrock of child survival
 3. bedrock off child survival
 4. bedrock through child survival

Q.7 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options. Select the correct alternative.
Playing in the field, the young gayer students were laughing and giggling.

- Ans**
- ☒ 1. more gay
 - ☒ 2. gay
 - ☒ 3. most gay
 - ☒ 4. gayest

Q.8 Select the most appropriate ANTONYM of the underlined word in the given sentence.

I don't prefer to remain alone at home in the evenings because loneliness evokes a sense of melancholy and grief within me.

- Ans**
- ☒ 1. Readiness
 - ☒ 2. Shyness
 - ☒ 3. Cheerfulness
 - ☒ 4. Absoluteness

Q.9 The sentence below contains errors. Select the option with the correct use of tenses.
Your father will waiting for you when you reach home.

- Ans**
- ☒ 1. Your father waiting for you when you reach home.
 - ☒ 2. Your father would waiting for you when you reach home.
 - ☒ 3. Your father will be waiting for you when you reach home.
 - ☒ 4. Your father should waiting for you when you reach home.

Q.10 The following sentence has been split into four segments. Identify the segment that contains an error in phrasal verb.

Tara was late for the meeting / but somehow managed / to catch out with / everything she had missed.

- Ans**
- ☒ 1. to catch out with
 - ☒ 2. Tara was late for the meeting
 - ☒ 3. everything she had missed
 - ☒ 4. but somehow managed

Q.11 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options. Select the correct alternative.
The sky appeared to be greyest after the storm.

- Ans**
- ☒ 1. most grey
 - ☒ 2. grey
 - ☒ 3. greyer
 - ☒ 4. more grey

Q.12 Select the INCORRECTLY spelt word in the given sentence.

Uluru is the world's largest monolith and Australia's recognisable natural icon with an elliptical shape and a circumference of around 94 kilometers.

- Ans**
- ☒ 1. Circumfarence
 - ☒ 2. Elliptical
 - ☒ 3. Monolith
 - ☒ 4. Kilometers

Q.13 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Reliable
 - ☒ 2. Spectaculor
 - ☒ 3. Gracious
 - ☒ 4. Enthusiastic

Q.14 Select the most appropriate option to fill in the blank.

She was barking up the wrong _____ when she filed a complaint against ragging with the students' union instead of the university administration.

- Ans
- ☒ 1. dog
 - ☒ 2. tree
 - ☒ 3. disc
 - ☒ 4. pillar

Q.15 Select the most appropriate option to fill in the blank.

Roger applied the _____ in advance as he anticipated an accident.

- Ans
- ☒ 1. brig
 - ☒ 2. broke
 - ☒ 3. break
 - ☒ 4. brake

Q.16 Select the appropriate option that can substitute the underlined word in the following sentence to make it grammatically correct.

This almirah is made up of heavier metal.

- Ans
- ☒ 1. heaviest
 - ☒ 2. heavy
 - ☒ 3. most heavier
 - ☒ 4. most heaviest

Q.17 Select the most appropriate option to fill in the blank.

Living within our environmental limits is one of the central _____ of sustainable development.

- Ans
- ☒ 1. demonstrates
 - ☒ 2. agencies
 - ☒ 3. illuminates
 - ☒ 4. principles

Q.18 Select the most appropriate synonym of the given word.

Blend

- Ans
- ☒ 1. Mix
 - ☒ 2. Disperse
 - ☒ 3. Divide
 - ☒ 4. Boil

Q.19 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Monika said to her mother that, "I have passed the examination."

- Ans
- ☒ 1. Monika said to her mother that, "she has passed
 - ☒ 2. Monika said to her mother, "I have passed
 - ☒ 3. No improvement required
 - ☒ 4. Monika said to her mother that, "I am passed

Q.20 Select the INCORRECTLY spelt word.

- Ans
- ☒ 1. Eligible
 - ☒ 2. Poignant
 - ☒ 3. Relevant
 - ☒ 4. Gourrmet

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Traditional medicines (TMs) make (1)_____ natural products and are of great importance. Such forms of medicine as traditional Chinese medicine (TCM), Ayurveda, Kampo, traditional Korean medicine (TKM), and Unani (2)_____ natural products and have been (3)_____ all over the world for hundreds or even thousands of years, and they (4)_____ blossomed into orderly-regulated systems of medicine. In their various forms, they may have certain defects, but they (5)_____ still a valuable repository of human knowledge.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. used off
 - ☒ 2. uses of
 - ☒ 3. used of
 - ☒ 4. use of

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Traditional medicines (TMs) make (1)_____ natural products and are of great importance. Such forms of medicine as traditional Chinese medicine (TCM), Ayurveda, Kampo, traditional Korean medicine (TKM), and Unani (2)_____ natural products and have been (3)_____ all over the world for hundreds or even thousands of years, and they (4)_____ blossomed into orderly-regulated systems of medicine. In their various forms, they may have certain defects, but they (5)_____ still a valuable repository of human knowledge.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. employed
 - ☒ 2. employing
 - ☒ 3. employ
 - ☒ 4. employs

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Traditional medicines (TMs) make (1)_____ natural products and are of great importance. Such forms of medicine as traditional Chinese medicine (TCM), Ayurveda, Kampo, traditional Korean medicine (TKM), and Unani (2)_____ natural products and have been (3)_____ all over the world for hundreds or even thousands of years, and they (4)_____ blossomed into orderly-regulated systems of medicine. In their various forms, they may have certain defects, but they (5)_____ still a valuable repository of human knowledge.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. practised
 - ☒ 2. practises
 - ☒ 3. practices
 - ☒ 4. practice

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Traditional medicines (TMs) make (1)_____ natural products and are of great importance. Such forms of medicine as traditional Chinese medicine (TCM), Ayurveda, Kampo, traditional Korean medicine (TKM), and Unani (2)_____ natural products and have been (3)_____ all over the world for hundreds or even thousands of years, and they (4)_____ blossomed into orderly-regulated systems of medicine. In their various forms, they may have certain defects, but they (5)_____ still a valuable repository of human knowledge.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. had
 - ☒ 2. have
 - ☒ 3. have being
 - ☒ 4. has

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Traditional medicines (TMs) make (1)_____ natural products and are of great importance. Such forms of medicine as traditional Chinese medicine (TCM), Ayurveda, Kampo, traditional Korean medicine (TKM), and Unani (2)_____ natural products and have been (3)_____ all over the world for hundreds or even thousands of years, and they (4)_____ blossomed into orderly-regulated systems of medicine. In their various forms, they may have certain defects, but they (5)_____ still a valuable repository of human knowledge.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. am
 -  2. is
 -  3. are
 -  4. was

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	08/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 70 kg and 35 kg is:

- Ans
- ☐ 1. 52
 - ☐ 2. 49
 - ☒ 3. 50
 - ☐ 4. 51

Q.2 The curved surface area of a cylinder is three-fifth of its total surface area. Find the ratio between the height and radius of the cylinder.

- Ans
- ☐ 1. 8 : 3
 - ☐ 2. 3 : 5
 - ☐ 3. 2 : 5
 - ☒ 4. 3 : 2

Q.3 A man sold an article for ₹247.50, thereby gaining 12.5%. The cost of the article (in ₹) was:

- Ans
- ☐ 1. 224
 - ☐ 2. 210
 - ☐ 3. 225
 - ☒ 4. 220

Q.4 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 8% per year rate of interest for 5 years.

- Ans
- ☒ 1. 1200
 - ☐ 2. 1140
 - ☐ 3. 1160
 - ☐ 4. 1240

Q.5 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 7% per year rate of interest for 4 years.

- Ans
- ☐ 1. 500
 - ☐ 2. 520
 - ☐ 3. 600
 - ☒ 4. 560

Q.6 A tunnel elevator can carry a maximum of 15 passengers with an average weight of 81 kg. However, four persons beyond the maximum capacity entered the elevator, resulting in an average weight of 82 kg and causing it to be overloaded. Find the average weight (in kg) of the additional four persons.

- Ans
- ☒ 1. 85.75
 - ☐ 2. 90.41
 - ☐ 3. 102.37
 - ☐ 4. 100

Q.7 In a mixture of 60 litres, milk and water are in the ratio 7 : 3. If 3 litres of water be added, find the ratio of milk and water in the new mixture.

- Ans
- ☐ 1. 2:3
 - ☐ 2. 3:2
 - ☐ 3. 1:2
 - ☒ 4. 2:1

Q.8 An old machine is bought for ₹1,400 and is sold at a loss of 15%. Find its selling price.

- Ans**
- ☒ 1. ₹1,190
 - ☐ 2. ₹1,080
 - ☐ 3. ₹1,050
 - ☐ 4. ₹1,010

Q.9 The ratio of income to expenditure of a family is 18:15. Find the savings if the income of the family is ₹81,000.

- Ans**
- ☐ 1. ₹12,750
 - ☐ 2. ₹17,500
 - ☒ 3. ₹13,500
 - ☐ 4. ₹15,000

Q.10 A shopkeeper declares the following three schemes of discounts. Which scheme is most beneficial to a customer?

- A. Buy 25 items and get 30 of the same items
B. Two successive discounts of 12% and 18%
C. Two successive equal discounts of 15%

- Ans**
- ☒ 1. Only C
 - ☐ 2. B and C
 - ☐ 3. Only B
 - ☐ 4. A

Q.11 Three red lights on the same road start blinking at the same time and blink repeatedly after every 4, 6 and 8 minutes, respectively. How many times will they blink together in an interval of 3 hours, excluding blinking together at the starting moment?

- Ans**
- ☐ 1. 4
 - ☐ 2. 6
 - ☐ 3. 5
 - ☒ 4. 7

Q.12 The average weight of three friends Ram, Ramesh and Shyam is 76 kg. Somesh joins them and the average weight of the four friends becomes 74 kg. If Mohan, whose weight is 2 kg more than that of Somesh replaces Ramesh, the average weight of Ram, Shyam, Somesh and Mohan becomes 68 kg. Find the weight of Ramesh.

- Ans**
- ☒ 1. 94 kg
 - ☐ 2. 75 kg
 - ☐ 3. 84 kg
 - ☐ 4. 89 kg

Q.13 In a 5-km race, A beats B by 750 metres and C by 1260 metres. By how many metres does B beat C in the same race?

- Ans**
- ☐ 1. 400 metres
 - ☒ 2. 600 metres
 - ☐ 3. 700 metres
 - ☐ 4. 500 metres

Q.14 A solid cone of base radius 7 cm and height 18 cm is melted and recast into a hollow metal hemisphere of internal and external radii 20 cm and R cm, respectively. What is the value of R (in cm)?

- Ans**
- ☐ 1. $\sqrt[3]{8144}$
 - ☒ 2. $\sqrt[3]{8441}$
 - ☐ 3. $\sqrt[3]{8568}$
 - ☐ 4. $\sqrt[3]{8448}$

Q.15 The average of the present ages of P and Q is 56 years and their ages are in the ratio 5:3. What will be the age of Q seven years hence?

- Ans**
- ☒ 1. 49 years
 - ☐ 2. 54 years
 - ☐ 3. 42 years
 - ☐ 4. 52 years

Q.16 By selling an article for ₹20, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 40%?

- Ans**
- ☒ 1. 5.45
 - ☐ 2. 7.45
 - ☐ 3. 6.45
 - ☐ 4. 8.45

Q.17 Simplify the following.

$$7 - \left[\frac{3}{4} + \left\{ 2\frac{1}{2} - \left(\frac{1}{2} + \frac{1}{6} - \frac{1}{7} \right) \right\} \right]$$

- Ans**
- ☐ 1. 5
 - ☒ 2. $4\frac{23}{84}$
 - ☐ 3. 4
 - ☐ 4. $5\frac{23}{84}$

Q.18 The simple interest on a certain sum of money at the rate of 5% per annum for 9 years is ₹1,260. At what rate of interest can the same amount of interest be received on the same sum after 6 years?

- Ans**
- ☐ 1. 8.5%
 - ☒ 2. 7.5%
 - ☐ 3. 8.0%
 - ☐ 4. 6.5%

Q.19 The curved surface area of a cylindrical pillar is 176 m^2 and its volume is 352 m^3 . Find the ratio of its radius to its height. (Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 2 : 3
 - ☒ 2. 4 : 7
 - ☐ 3. 3 : 4
 - ☐ 4. 3 : 5

Q.20 A car travels from Kanpur to Delhi at an average speed of 60 km/h and returns at an average speed of 90 km/h. Find the average speed of the car in the whole journey.

- Ans**
- ☐ 1. 65 km/h
 - ☐ 2. 60 km/h
 - ☐ 3. 78 km/h
 - ☒ 4. 72 km/h

Section : Reasoning Ability and Problem Solving

Q.1 NLRP is related to USYW in a certain way based on the English alphabetical order. In the same way, JHNL is related to QOUS. To which of the following is LJPN related, following the same logic?

- Ans**
- ☒ 1. SQWU
 - ☐ 2. QSUW
 - ☐ 3. SQUW
 - ☐ 4. QSWU

Q.2 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).
Statements:
No teacher is a male.
No male is an Engineer.
Conclusions:
I. No teacher is an Engineer.
II. Some male are teachers.

- Ans**
- ☒ 1. Both conclusions I and II follow.
 - ☒ 2. Neither conclusion I nor II follows.
 - ☒ 3. Only conclusion II follows.
 - ☒ 4. Only conclusion I follows.

Q.3 8 is related to 93 following a certain logic. Following the same logic, 10 is related to 117. To which of the following is 14 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 165
 - ☒ 2. 187
 - ☒ 3. 166
 - ☒ 4. 189

Q.4 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
Some cups are glasses.
No cup is a plate.

Conclusions:
(I) No glass is a plate.
(II) Some glasses are not cups.

- Ans**
- ☒ 1. Both conclusions I and II follow.
 - ☒ 2. Only conclusion II follows.
 - ☒ 3. Only conclusion I follows.
 - ☒ 4. Neither conclusion I nor II follows.

Q.5 In a certain code language, 'toy is new' is coded as 'bz tq gl' and 'give me toy' is coded as 'hx vm tq'. How is 'toy' coded in the given language?

- Ans**
- ☒ 1. hx
 - ☒ 2. vm
 - ☒ 3. bz
 - ☒ 4. tq

Q.6 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. Select the pair in which the numbers are related in the same way as are the numbers of the given pairs.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

6, 42
9, 63

- Ans**
- ☒ 1. 13, 91
 - ☒ 2. 11, 67
 - ☒ 3. 17, 102
 - ☒ 4. 19, 123

Q.7 In a certain code language, 'CHOSEN' is coded as 'YTMiWN' and 'COMMON' is coded as 'YMOOMN'. How will 'CLIENT' be coded in the same language?

- Ans**
- ☐ 1. YPSXNG
 - ☐ 2. YPTXNG
 - ☐ 3. YPSVNF
 - ☒ 4. YPSWNH

Q.8 Seven people P, U, L, M, A, G and E are sitting around a circular table, facing the centre (but not necessarily in the same order). P is sitting third to the left of M. G is sitting second to the right of M. Only one person is sitting between M and A when counted from the left of M. L is sitting to the immediate right of G. Only one person is sitting between L and E. Who is sitting to the immediate left of U?

- Ans**
- ☐ 1. G
 - ☒ 2. A
 - ☐ 3. M
 - ☐ 4. P

Q.9 T, U, V, W, X, and Y are sitting around a circular table facing the centre (but not necessarily in the same order). U is sitting third to the right of V, who is sitting second to the left of W. Y is not an immediate neighbour of U. T is sitting to the immediate left of V.
Who is sitting to the immediate left of T?

- Ans**
- ☐ 1. W
 - ☐ 2. U
 - ☐ 3. V
 - ☒ 4. X

Q.10 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $56 - 33 \times 3 \div 4 + 36 = ?$

- Ans**
- ☐ 1. 68
 - ☒ 2. 64
 - ☐ 3. 74
 - ☐ 4. 66

Q.11 What should come in place of the question mark (?) in the following series?

29, 58, 87, 116, 145, ?

- Ans**
- ☐ 1. 177
 - ☐ 2. 189
 - ☒ 3. 174
 - ☐ 4. 190

Q.12 In a certain code language, 'did we know' is written as 'kp as th' and 'we solve this' is written as 'nk kp bo'. How is 'we' written in the given language?

- Ans**
- ☐ 1. as
 - ☒ 2. kp
 - ☐ 3. bo
 - ☐ 4. nk

Q.13 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(15, 207, 14)
(16, 269, 17)

- Ans**
- ☒ 1. (22, 393, 18)
 - ☐ 2. (23, 120, 25)
 - ☐ 3. (26, 555, 27)
 - ☐ 4. (24, 310, 10)

Q.14 DFIE is related to CGHF in a certain way based on the English alphabetical order. In the same way, MOFC is related to LPED. To which of the following is GRRP related, following the same logic?

- Ans**
- ☒ 1. FSQQ
 - ☐ 2. DSPQ
 - ☐ 3. ERQQ
 - ☐ 4. FSQR

Q.15 What should come in place of the question mark (?) in the given series?

39, 47, 55, 63, 71, ?

- Ans**
- ☐ 1. 80
 - ☐ 2. 77
 - ☐ 3. 78
 - ☒ 4. 79

Q.16 What will come in the place of '?' in the following equation, if '÷' and '-' are interchanged and 'x' and '+' are interchanged?
 $12 \times 96 - 24 + 8 \div 38 = ?$

- Ans**
- ☐ 1. -14
 - ☒ 2. 6
 - ☐ 3. 16
 - ☐ 4. -4

Q.17 CA 19 is related to ID 14 in a certain way. In the same way, ML 53 is related to SO 48. To which of the following is GD 8 related, following the same logic?

- Ans**
- ☐ 1. NH 3
 - ☐ 2. NF -3
 - ☐ 3. MH -3
 - ☒ 4. MG 3

Q.18 In a certain code language, 'EACH' is coded as '6138' and 'CAME' is coded as '1396'. What is the code for 'M' in that language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 1
 - ☒ 3. 9
 - ☐ 4. 6

Q.19 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

EBF, IGG, MLH, QQI, ?

- Ans**
- ☒ 1. UVJ
 - ☐ 2. SUI
 - ☐ 3. TUJ
 - ☐ 4. SUJ

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:
All oranges are fruits.
No orange is pasta.

Conclusions:
(I) Some pastas are fruits.
(II) All fruits are pastas.

- Ans**
- ☐ 1. Only conclusion (II) follows.
 - ☐ 2. Both conclusions (I) and (II) follow.
 - ☐ 3. Only conclusion (I) follows.
 - ☒ 4. Neither conclusion (I) nor (II) follows.

Q.1 As per HDI 2021, which of the following neighbouring countries of India had the highest female life expectancy at birth?

- Ans**
- ☒ 1. Sri Lanka
 - ☒ 2. Maldives
 - ☒ 3. Bhutan
 - ☒ 4. Bangladesh

Q.2 Chithirai festival of Tamil Nadu is dedicated to which of the following Goddesses?

- Ans**
- ☒ 1. Pidari
 - ☒ 2. Muneeswaran
 - ☒ 3. Mariamman
 - ☒ 4. Meenakshi

Q.3 Four resistors of equal resistance R each are connected in various possible ways both in series and/or parallel to get different combined resistances. Which of the following values of resistance cannot be achieved by using all the four resistors?

- Ans**
- ☒ 1. 2 R
 - ☒ 2. 0.25 R
 - ☒ 3. 1.33 R
 - ☒ 4. 2.5 R

Q.4 The National Food Security Act (NFSA) was enacted in which year by the Government of India?

- Ans**
- ☒ 1. 2013
 - ☒ 2. 2001
 - ☒ 3. 2008
 - ☒ 4. 2005

Q.5 How much money was allotted by the Gujarat government in August 2023 for the One District, One Product (ODOP) Programme to promote its indigenous products at the international level?

- Ans**
- ☒ 1. ₹25 crore
 - ☒ 2. ₹10 crore
 - ☒ 3. ₹100 crore
 - ☒ 4. ₹58 crore

Q.6 What is the length of the men's kabaddi court?

- Ans**
- ☒ 1. 17 m
 - ☒ 2. 11 m
 - ☒ 3. 13 m
 - ☒ 4. 15 m

Q.7 Annapurna Devi is associated with which of the following musical instruments?

- Ans**
- ☒ 1. Sarangi
 - ☒ 2. Flute
 - ☒ 3. Mridangam
 - ☒ 4. Surbahar

Q.8 Rigveda is the earliest specimen of:

- Ans**
- ☒ 1. Indo European language
 - ☒ 2. Russian language
 - ☒ 3. Indian language
 - ☒ 4. Indo-African language

Q.9	The famous ‘Tripartite struggle’ for supremacy occurred between which of the following powers?
Ans	☒ 1. Gurjar-Pratihara, Rashtrakuta and Palas ☐ 2. Chouhan, Pala and Gurjar ☐ 3. Sen, Pala and Rashtrakuta ☐ 4. Chalukya, Sen and Pratihars
Q.10	Prerana Shrimali received the Sangeet Natak Akademi Award in which of the following years for her contribution to the Kathak dance form?
Ans	☐ 1. 2003 ☐ 2. 2012 ☒ 3. 2009 ☐ 4. 2015
Q.11	According to the Ministry of Agriculture and Farmers Welfare 2022-23, which state of India is the largest producer of sugarcane?
Ans	☐ 1. Andhra Pradesh ☒ 2. Uttar Pradesh ☐ 3. Bihar ☐ 4. Karnataka
Q.12	Who among the following is worshipped as Nataraja before many classical dance performances in India?
Ans	☐ 1. Vishnu ☒ 2. Shiva ☐ 3. Indra ☐ 4. Brahma
Q.13	Which of the following Rights is mentioned in Article 21 of the Indian Constitution?
Ans	☐ 1. Right to Freedom of Religion: Freedom to manage religious affairs ☒ 2. Right to Freedom: Protection of life and personal liberty ☐ 3. Right against Exploitation: Prohibition of trafficking in human beings and forced labour ☐ 4. Right to Equality: Equality before law
Q.14	Gabbro is an example of which type of rocks?
Ans	☐ 1. Organically formed sedimentary rock ☐ 2. Metamorphic rock ☐ 3. Sedimentary rock ☒ 4. Igneous rock
Q.15	Which of the given options is rod-shaped, carries genetic information, is visible only at cell division and is present in the nucleus?
Ans	☐ 1. Ribosomes ☒ 2. Chromosomes ☐ 3. Cytoplasm ☐ 4. Lysosomes
Q.16	The remains of Great Bath have been found from the excavation at which of the following Harappan sites?
Ans	☐ 1. Lothal ☒ 2. Mohenjodaro ☐ 3. Kalibangan ☐ 4. Harappa
Q.17	Which gas is released when you combine vinegar and baking soda in a balloon, causing it to inflate?
Ans	☐ 1. Nitrogen ☒ 2. Carbon dioxide ☐ 3. Hydrogen ☐ 4. Oxygen

Q.18	In the context of microfinance in India, the concept of SHG-BLP is used. What does L stand for in SHG-BLP?
Ans	✗ 1. Lend ✗ 2. Link ✗ 3. Lending ✓ 4. Linkage
Q.19	What is the retirement age of Judges serving at the Supreme Court of India?
Ans	✓ 1. 65 years ✗ 2. 60 years ✗ 3. 62 years ✗ 4. 68 years
Q.20	Which of the following peaks is NOT located in the Himalayan mountains?
Ans	✗ 1. Kamet ✗ 2. Annapurna ✗ 3. Nanda Devi ✓ 4. Kalsubai
Q.21	From 13 September 2023, DMK MP Tiruchi Siva has been appointed the chairperson of the Committee on _____.
Ans	✗ 1. Home ✗ 2. Information Technology ✓ 3. Industry ✗ 4. Transport
Q.22	The Sahitya Akademi award winning novel 'Zindaginama' was written by:
Ans	✗ 1. Mahadevi Verma ✗ 2. Mannu Bhandari ✓ 3. Krishna Sobti ✗ 4. Amrita Pritam
Q.23	Who regarded Vedas as the source of all knowledge and known for the slogan 'Go back to the Vedas'?
Ans	✗ 1. Keshav Chandra sen ✗ 2. Raja Rammohun Roy ✓ 3. Swami Dayanada Saraswati ✗ 4. Swami Vivekananda
Q.24	In which among the following years was Hindu widow remarriage declared legal in India?
Ans	✓ 1. 1856 ✗ 2. 1872 ✗ 3. 1899 ✗ 4. 1893
Q.25	India won its first Olympic gold in hockey in which of the following years?
Ans	✗ 1. 1932 ✓ 2. 1928 ✗ 3. 1940 ✗ 4. 1936

Section : **English Language and Comprehension**

Q.1	The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
	I hope that / yesterday's lunch / at Rahul's place / was at your liking.
Ans	✗ 1. yesterday's lunch ✓ 2. was at your liking. ✗ 3. I hope that ✗ 4. at Rahul's place

Q.2 Select the appropriate option that can substitute the underlined idiom in the given sentence.

Everyone says that waking up early in the morning is beneficial for our health and overall well-being. But it is easier said than done.

- Ans**
- ☒ 1. not as easy as it seems to be
 - ☐ 2. to start performing better than before
 - ☐ 3. a step towards better health
 - ☐ 4. a life filled with excitement

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The White man had to swallow his bombast and have completed the journey in mortified.

- Ans**
- ☐ 1. No substitution required
 - ☐ 2. completing the mortifying journey
 - ☒ 3. complete the journey in mortification
 - ☐ 4. completes the journey mortifying

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
They were / interested / on / learning new languages.

- Ans**
- ☐ 1. interested
 - ☒ 2. on
 - ☐ 3. learning new languages
 - ☐ 4. They were

Q.5 Select the most appropriate option to fill in the blank.

The way she elaborated on every detail with precision impressed everyone _____ the meeting.

- Ans**
- ☐ 1. off
 - ☐ 2. into
 - ☒ 3. at
 - ☐ 4. above

Q.6 Select the most appropriate synonym of the given word.
Panacea

- Ans**
- ☒ 1. Remedy
 - ☐ 2. Pressure
 - ☐ 3. Miracle
 - ☐ 4. Survey

Q.7 Select the correct spelling of the underlined word in the given sentence.

The flight was about to take off when suddenly the authorities came to ensure the record of the maintanance department.

- Ans**
- ☐ 1. maintainance
 - ☐ 2. maintnance
 - ☒ 3. maintenance
 - ☐ 4. maintainence

Q.8 Select the most appropriate synonym of the given word.
Hamper

- Ans**
- ☐ 1. Urge
 - ☐ 2. Absorb
 - ☐ 3. Accuse
 - ☒ 4. Hinder

Q.9 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Extraneous
 - ☒ 2. Colloquiel
 - ☐ 3. Posthumous
 - ☐ 4. Quiescent

Q.10 Select the most appropriate option to fill in the blank.
The new intern was eager to learn the _____ of the corporate world.

- Ans**
- ☐ 1. tides
 - ☐ 2. flies
 - ☒ 3. ropes
 - ☐ 4. rides

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Sarah / will singing / at the concert / on Saturday.

- Ans**
- ☐ 1. on Saturday
 - ☐ 2. Sarah
 - ☐ 3. at the concert
 - ☒ 4. will singing

Q.12 Select the most appropriate option to substitute the underlined segment in the given sentence.

The project fell besides due to lack of funding and support.

- Ans**
- ☐ 1. fell about due to lack
 - ☐ 2. fell until due to lack
 - ☒ 3. fell through due to lack
 - ☐ 4. fell along due to lack

Q.13 Select the most appropriate synonym of the underlined word.
The management gave kudos to Jithin for his performance.

- Ans**
- ☐ 1. admonishment
 - ☐ 2. criticism
 - ☐ 3. punishment
 - ☒ 4. praise

Q.14 Parts of the following sentence have been given as options. Select the option that contains an error.
My sister-in-law is the most succeeded for all the industrialists in this country today.

- Ans**
- ☐ 1. the industrialists
 - ☒ 2. succeeded for all
 - ☐ 3. My sister-in-law is the most
 - ☐ 4. in this country today

Q.15 Select the most appropriate synonym of the following word.

Reluctant

- Ans**
- ☐ 1. Pleasant
 - ☐ 2. Curious
 - ☐ 3. Unrelenting
 - ☒ 4. Unwilling

Q.16 Select the most appropriate synonym of the underlined word in the given sentence.
The lenient ways of the manager prompted substandard work from his subordinates.

- Ans**
- ☐ 1. insane
 - ☐ 2. ignorant
 - ☒ 3. easygoing
 - ☐ 4. irritating

Q.17 Select the most appropriate option to fill in the blank.
During the meeting, the employer's _____ was clear as he calmly addressed each team member's concerns and provided insightful solutions.

- Ans**
- ☒ 1. composure
 - ☐ 2. composed
 - ☐ 3. composes
 - ☐ 4. compose

Q.18 Select the most appropriate verb / verb phrase to fill in the blank.
In 2030, advancements in technology _____ the way we live, work and interact with each other.

- Ans**
- ☒ 1. will be reshaping
 - ☐ 2. shall have been reshaped
 - ☐ 3. have reshaped
 - ☐ 4. could be reshaped

Q.19 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
While she / was watched / the movie, / her phone rang.

- Ans**
- ☐ 1. her phone rang
 - ☐ 2. the movie,
 - ☐ 3. While she
 - ☒ 4. was watched

Q.20 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Eighty
 - ☐ 2. Crazy
 - ☒ 3. Medicin
 - ☐ 4. Addict

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A phobia is an irrational fear of an object, situation or living thing. While fear is (1)_____ natural response to danger, phobias often occur (2)_____ response to something unlikely to cause real harm. In some cases, a person with a (3)_____ will meet the diagnostic criteria for a specific phobia, which is a type of anxiety disorder. Someone with a specific phobia will (4)_____ intense fear and anxiety when confronted with the source of the phobia, which could include blood, heights or specific animals like dogs. Phobias are (5)_____ by significant distress and often cause a person to avoid the source of their fear or suffer from extreme anxiety when faced with it. Someone experiencing a phobia that is interfering with everyday life should consider undergoing treatment for their phobia, as outcomes for professional care are typically favourable.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. those
 - ☐ 2. these
 - ☒ 3. a
 - ☐ 4. one

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A phobia is an irrational fear of an object, situation or living thing. While fear is (1)_____ natural response to danger, phobias often occur (2)_____ response to something unlikely to cause real harm. In some cases, a person with a (3)_____ will meet the diagnostic criteria for a specific phobia, which is a type of anxiety disorder. Someone with a specific phobia will (4)_____ intense fear and anxiety when confronted with the source of the phobia, which could include blood, heights or specific animals like dogs. Phobias are (5)_____ by significant distress and often cause a person to avoid the source of their fear or suffer from extreme anxiety when faced with it. Someone experiencing a phobia that is interfering with everyday life should consider undergoing treatment for their phobia, as outcomes for professional care are typically favourable.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. in
 - ☐ 2. of
 - ☐ 3. on
 - ☐ 4. at

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A phobia is an irrational fear of an object, situation or living thing. While fear is (1)_____ natural response to danger, phobias often occur (2)_____ response to something unlikely to cause real harm. In some cases, a person with a (3)_____ will meet the diagnostic criteria for a specific phobia, which is a type of anxiety disorder. Someone with a specific phobia will (4)_____ intense fear and anxiety when confronted with the source of the phobia, which could include blood, heights or specific animals like dogs. Phobias are (5)_____ by significant distress and often cause a person to avoid the source of their fear or suffer from extreme anxiety when faced with it. Someone experiencing a phobia that is interfering with everyday life should consider undergoing treatment for their phobia, as outcomes for professional care are typically favourable.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans
- ☒ 1. trouble
 - ☒ 2. danger
 - ☒ 3. phobia
 - ☒ 4. violence

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A phobia is an irrational fear of an object, situation or living thing. While fear is (1)_____ natural response to danger, phobias often occur (2)_____ response to something unlikely to cause real harm. In some cases, a person with a (3)_____ will meet the diagnostic criteria for a specific phobia, which is a type of anxiety disorder. Someone with a specific phobia will (4)_____ intense fear and anxiety when confronted with the source of the phobia, which could include blood, heights or specific animals like dogs. Phobias are (5)_____ by significant distress and often cause a person to avoid the source of their fear or suffer from extreme anxiety when faced with it. Someone experiencing a phobia that is interfering with everyday life should consider undergoing treatment for their phobia, as outcomes for professional care are typically favourable.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans
- ☒ 1. horizon
 - ☒ 2. aspire
 - ☒ 3. dream
 - ☒ 4. experience

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A phobia is an irrational fear of an object, situation or living thing. While fear is (1)_____ natural response to danger, phobias often occur (2)_____ response to something unlikely to cause real harm. In some cases, a person with a (3)_____ will meet the diagnostic criteria for a specific phobia, which is a type of anxiety disorder. Someone with a specific phobia will (4)_____ intense fear and anxiety when confronted with the source of the phobia, which could include blood, heights or specific animals like dogs. Phobias are (5)_____ by significant distress and often cause a person to avoid the source of their fear or suffer from extreme anxiety when faced with it. Someone experiencing a phobia that is interfering with everyday life should consider undergoing treatment for their phobia, as outcomes for professional care are typically favourable.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans
- ☒ 1. categorised
 - ☒ 2. characterised
 - ☒ 3. qualified
 - ☒ 4. classified

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	08/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 The HCF of 513,1134 and 1215 is:

- Ans**
- ☐ 1. 43
 - ☐ 2. 19
 - ☐ 3. 45
 - ☒ 4. 27

Q.2 A vessel is in the form of a hollow hemisphere mounted by a hollow cylinder. The diameter of the hemisphere is 28 cm, and the total height of the vessel is 20 cm. Find the inner surface area (in cm^2) of the vessel.(Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 1780
 - ☐ 2. 1740
 - ☒ 3. 1760
 - ☐ 4. 1720

Q.3 There are 40 students in a class. Their average weight is 60 kg. Two students left the class. Then the average weight is reduced by 500 g. Find the weight of the two students who left the class (in kg).

- Ans**
- ☐ 1. 130
 - ☐ 2. 140
 - ☐ 3. 129
 - ☒ 4. 139

Q.4 The table below shows the number of students enrolled in four colleges over the four years.

Colleges	P	Q	R	S
Year				
2019	520	578	298	416
2020	625	603	365	254
2021	715	476	548	325
2022	539	235	258	842

What is the average number of students studying per year in college Q over the given years?

- Ans**
- ☐ 1. 455
 - ☐ 2. 548
 - ☒ 3. 473
 - ☐ 4. 505

Q.5 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 65 kg and 38 kg is:

- Ans**
- ☐ 1. 51.6
 - ☐ 2. 48.6
 - ☒ 3. 49.6
 - ☐ 4. 50.6

Q.6 A person got an article at 22% discount, if he got no discount, then he had to pay ₹1,760 more. How much did he pay (in ₹) for the article?

- Ans**
- ☐ 1. 5,120
 - ☐ 2. 6,360
 - ☒ 3. 6,240
 - ☐ 4. 5,640

Q.7 A car travels 80 km at the speed of 20 km/h and the next 30 km at the speed of 30 km/h. What is its average speed?

- Ans**
- ☐ 1. 40 km/h
 - ☐ 2. 30 km/h
 - ☐ 3. 20 km/h
 - ☒ 4. 22 km/h

Q.8 A fast train takes 1 hour less than a slow train for a journey of 96 km. If the speed of the slow train is 8 km/h less than that of the fast train, then find the speeds of the fast train and slow train respectively.

- Ans**
- ☐ 1. 26 km/h, 34 km/h
 - ☐ 2. 34 km/h, 28 km/h
 - ☒ 3. 32 km/h, 24 km/h
 - ☐ 4. 12 km/h, 14 km/h

Q.9 By selling 20 cakes, a shopkeeper earns selling price of 4 cakes. Determine the profit percentage.

- Ans**
- ☒ 1. 25%
 - ☐ 2. 20%
 - ☐ 3. 4%
 - ☐ 4. 10%

Q.10 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 66 kg and 38 kg is:

- Ans**
- ☐ 1. 51.8
 - ☐ 2. 48.8
 - ☐ 3. 50.8
 - ☒ 4. 49.8

Q.11 360 toffees are distributed among Pushkal, Quadir and Rustam in the ratio 2 : 3 : 4. After distribution, Quadir gives 20% of his toffees to Pushkal and Rustam gives 25% of his toffees to Pushkal. What is the new ratio of toffees with Pushkal, Quadir and Rustam?

- Ans**
- ☐ 1. 5 : 4 : 6
 - ☐ 2. 7 : 3 : 5
 - ☐ 3. 3 : 5 : 7
 - ☒ 4. 6 : 4 : 5

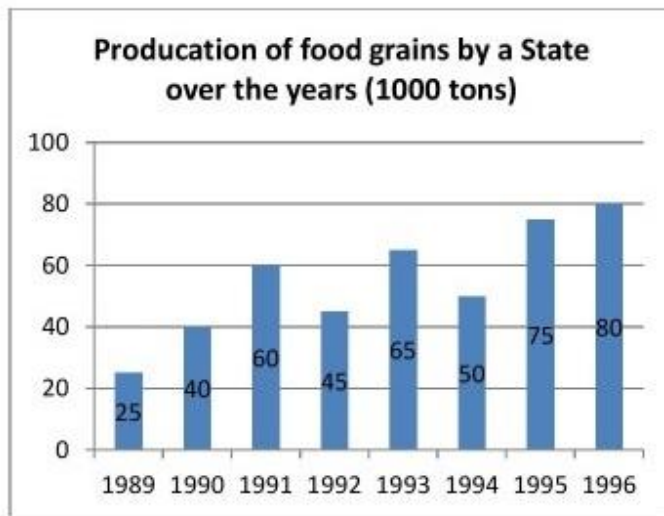
Q.12 The mean of marks secured by 3 students in grade A of class XI is 83, that of 4 students of grade B is 76 and that of 5 students of grade C is 85. What will be the mean of marks of the students of three grades of Class XI?

- Ans**
- ☐ 1. 80.5
 - ☒ 2. 81.5
 - ☐ 3. 80
 - ☐ 4. 81

Q.13 The centroid of a ΔXYZ is G. The area of ΔXYZ is 45 cm^2 . The area of ΔGYZ is:

- Ans
- ☐ 1. 22.5 cm^2
 - ☐ 2. 7.5 cm^2
 - ☒ 3. 15 cm^2
 - ☐ 4. 30 cm^2

Q.14 Study the given bar graph carefully and answer the following question.



What was the difference in the production of food grains between 1991 and 1994?

- Ans
- ☒ 1. 10000 tons
 - ☐ 2. 500 tons
 - ☐ 3. 5000 tons
 - ☐ 4. 15000 tons

Q.15 What sum (in ₹) will earn a simple interest of ₹240 in 2 years at 16% per year rate of interest?

- Ans
- ☐ 1. 1500
 - ☐ 2. 1000
 - ☐ 3. 375
 - ☒ 4. 750

Q.16 Etika invested some amount at a rate 9% per annum and earns a S.I. of ₹810 after 3 years. If the rate of interest had been 4% more, then how much more interest (in ₹) would have Etika earned on the same amount in the same time period?

- Ans
- ☒ 1. 360
 - ☐ 2. 240
 - ☐ 3. 540
 - ☐ 4. 405

Q.17 Reena sells an article at 12% below its cost price. Had she sold it for ₹540 more, she would have gained 15%. At what price should she sell the article to gain 20%?

- Ans
- ☐ 1. ₹4,200
 - ☐ 2. ₹2,004
 - ☒ 3. ₹2,400
 - ☐ 4. ₹2,040

Q.18 A solid spherical item is melted into the shape of a cylinder mounted by a cone having same radius. The diameters of the cylinder and sphere are 21 cm each. What is the height (in cm) of the cone if the height of the cylinder is 7 cm?
Take $\pi = \frac{22}{7}$

- Ans**
- ☐ 1. 10.5
 - ☐ 2. 14
 - ☐ 3. 7
 - ☒ 4. 21

Q.19 Find the simple interest (in ₹) on ₹4000 as a sum borrowed at 3% per year rate of interest for 6 years.

- Ans**
- ☒ 1. 720
 - ☐ 2. 680
 - ☐ 3. 760
 - ☐ 4. 660

Q.20 R earns ₹55,000 per month and his annual expenditure is ₹4,50,000. What is his percentage of savings per annum?

- Ans**
- ☐ 1. 32.81%
 - ☒ 2. 31.82%
 - ☐ 3. 36.21%
 - ☐ 4. 38.12%

Section : Reasoning Ability and Problem Solving

Q.1 L, M, N, O, P, Q and R are sitting around a circular table, facing the centre (but not necessarily in the same order). Only three people are sitting between R and O when counted from the left of R. Only M is sitting between L and N. N is an immediate neighbour of O. P is sitting third to the right of L.

Who is sitting second to the left of O?

- Ans**
- ☒ 1. Q
 - ☐ 2. R
 - ☐ 3. L
 - ☐ 4. P

Q.2 In a certain code language, 'he may eat rice' is written as 'ki mi ji li' and 'she will like rice' is written as 'ni qi mi pi'. How is 'rice' written in the given language?

- Ans**
- ☐ 1. ji
 - ☐ 2. qi
 - ☐ 3. ni
 - ☒ 4. mi

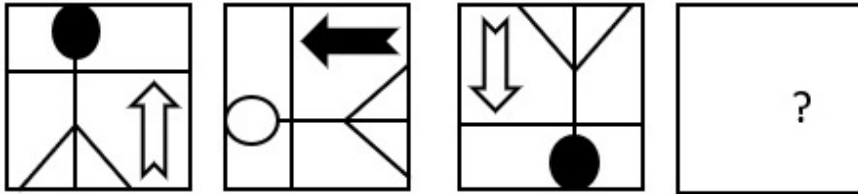
Q.3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
All leaves are trees.
Some trees are plants.
Conclusions:
(I) Some leaves are plants.
(II) All leaves are trees.

- Ans**
- ☒ 1. Only conclusion II follows
 - ☐ 2. Only conclusion I follows
 - ☐ 3. Neither conclusion I nor II follows
 - ☐ 4. Both conclusions I and II follow

Q.4 What should come in place of the question (?) in the following series?
4 , -27, -58, -89 , -120 , ?

- Ans
- ☒ 1. -151
 - ☐ 2. -131
 - ☐ 3. -141
 - ☐ 4. 151

Q.5 Select the figure from the options that can replace the question mark (?) and logically complete the series.



Ans

- ☐ 1.
- ☐ 2.
- ☒ 3.
- ☐ 4.

Q.6 'NQRP' is related to 'TWXV' in a certain way based on the English alphabetical order. In the same way, 'FHIG' is related to 'LNOM'. To which of the following is 'LOPN' related following the same logic?

- Ans
- ☐ 1. RSQT
 - ☐ 2. QSTR
 - ☒ 3. RUVT
 - ☐ 4. QTUS

Q.7 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

B	T	O	8	O	6	O	8	☐	T	☐	B	
	V	6		T	V		6	B		8	6	?
8		☐	☐		B	T		V	V		O	

Ans

✗ 1.

O	B	☐
	T	V
6		8

✗ 2.

O	6	V
	B	☐
8		T

✓ 3.

☐	T	V
	B	O
8		6

✗ 4.

O	6	V
	T	☐
B		8

Q.8 What will come in the place of '?' in the following equation, if '+' and '÷' are interchanged and '×' and '-' are interchanged?
 $48 \times 16 - 20 \div 21 + 7 = ?$

Ans ✓ 1. -269

✗ 2. 259

✗ 3. 269

✗ 4. -259

Q.9 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

SXG, QVI, OTK, MRM, ?

Ans ✗ 1. LPO

✗ 2. KPP

✗ 3. LPP

✓ 4. KPO

Q.10 MHPL is related to OJRN in a certain way based on the English alphabetical order. In the same way, PKSO is related to RMUQ. To which of the following is SNVR related following the same logic?

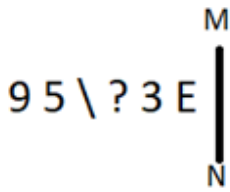
Ans ✗ 1. PUTX

✓ 2. UPXT

✗ 3. UPTX

✗ 4. PUXT

Q.11 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1.
 - ☒ 2.
 - ☒ 3.
 - ☒ 4.

Q.12 Which two signs should be interchanged to make the following equation mathematically correct?
 $15 \times 14 - 8 + 12 \div 4 = 5$

- Ans
- ☒ 1. $\div$ and $-$
 - ☒ 2. $\times$ and $+$
 - ☒ 3. $\times$ and $-$
 - ☒ 4. $\div$ and $+$

Q.13 In a certain code language, if HOUSE is coded as 67 and GROUND is coded as 83, then how will KITCHEN be coded?

- Ans
- ☒ 1. 122
 - ☒ 2. 130
 - ☒ 3. 110
 - ☒ 4. 119

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
All pencils are remotes.
Some pencils are ACs.
Conclusions:
[1] Some ACs are remotes.
[2] All remotes are Acs.

- Ans
- ☒ 1. Only conclusion [2] follows
 - ☒ 2. Neither conclusion [1] nor [2] follows
 - ☒ 3. Only conclusion [1] follows
 - ☒ 4. Both conclusions [1] and [2] follow

Q.15 In a certain code language, 'COPY' is coded as '2846' and 'APES' is coded as '7321'. What is the code for 'P' in that language?

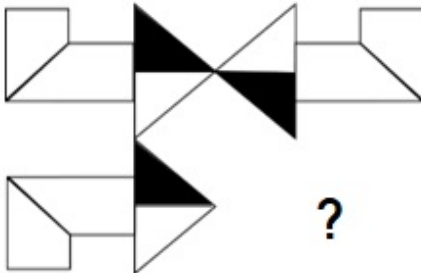
- Ans
- ☒ 1. 1
 - ☒ 2. 4
 - ☒ 3. 2
 - ☒ 4. 3

Q.16 16 is related to 176 following a certain logic. Following the same logic, 21 is related to 231. To which of the following is 33 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans
- ☒ 1. 364
 - ☒ 2. 362
 - ☒ 3. 363
 - ☒ 4. 361

Q.17 Select the figure from the given options that will replace the question mark (?) in the figure given below to complete the pattern.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.18 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.
48 : 42

- Ans
- ☒ 1. 69 : 32
 - ☒ 2. 48 : 24
 - ☒ 3. 65 : 28
 - ☒ 4. 63 : 28

Q.19 A, B, C, L, M, Y and X are sitting around a circular table facing the centre (but not necessarily in the same order). Only two people sit between B and L when counted from the right of L. X sits to the immediate left of Y. A sits to the immediate right of M. Y is an immediate neighbour of L.
Who sits fourth to the right of C?

- Ans
- ☒ 1. X
 - ☒ 2. M
 - ☒ 3. L
 - ☒ 4. A

Q.20 In a certain code language, 'MASTER' is coded as '917032', and 'STREAK' is coded as '372159'. What is the code for 'K' in 'STREAK'?

- Ans**
- ☐ 1. 9
 - ☐ 2. 7
 - ☐ 3. 3
 - ☒ 4. 5

Section : **General Awareness**

Q.1 Which of the following war dances is performed in Ngada festival and is a performed by the tribes of Nagaland?

- Ans**
- ☐ 1. Garadi
 - ☐ 2. Dalkhai
 - ☒ 3. Rengma
 - ☐ 4. Jawara

Q.2 'Sange Meel Se Mulaqat' is the documentary of which famous musician?

- Ans**
- ☐ 1. Zakir Hussain
 - ☒ 2. Bismillah Khan
 - ☐ 3. Hari Prasad Chaurasia
 - ☐ 4. MS Gopalakrishnan

Q.3 In which of the followings years was the National Population Policy of India released?

- Ans**
- ☒ 1. 2000
 - ☐ 2. 2015
 - ☐ 3. 1995
 - ☐ 4. 1952

Q.4 In the animal kingdom, which of the following phyla includes animals with a segmented body?

- Ans**
- ☐ 1. Arthropoda
 - ☒ 2. Annelida
 - ☐ 3. Chordata
 - ☐ 4. Mollusca

Q.5 According to National Multidimensional Poverty Index 2023 (A Progress Review), what was the proportion of population in multidimensional poverty (Headcount Ratio) in urban India in 2019-2021?

- Ans**
- ☐ 1. 11.32%
 - ☐ 2. 6.96%
 - ☒ 3. 5.27%
 - ☐ 4. 2.12%

Q.6 A _____ happens in chess when a player gives up material during the initiation to seek some kind of compensation.

- Ans**
- ☒ 1. Gambit
 - ☐ 2. Castling
 - ☐ 3. Nick
 - ☐ 4. Blockade

Q.7 How many components are there in the New India Literacy Program (NILP) scheme launched by the Union Ministry of Education in March 2023?

- Ans**
- ☒ 1. Five
 - ☐ 2. Three
 - ☐ 3. Seven
 - ☐ 4. Nine

Q.8 Match the political parties of British India in column A with their respective founders in column B.

Column A (Political Parties)	Column B (Founders)
a. All India Forward Bloc	i. Dayananda Sarasvati
b. Arya Samaj	ii. Jai Prakash Narayan
c. The Congress Socialist Party	iii. Surendra Nath Banerjee
d. The Indian National Liberal Federation	iv. Subhash Chandra Bose

- Ans**
- ☒ 1. a-ii, b-iii, c-iv, d-i
 - ☒ 2. a-iv, b-i, c-ii, d-iii
 - ☒ 3. a-ii, b-i, c-iv, d-iii
 - ☒ 4. a-iii, b-iv, c-i, d-ii

Q.9 Who among the following adopted the policy of consolidation in place of expansion by eliminating the rebels?

- Ans**
- ☒ 1. Ghiyasuddin Balban
 - ☒ 2. Nasiruddin Mahmud
 - ☒ 3. Raziya
 - ☒ 4. Shamsuddin Iltutmish

Q.10 Which of the following statements is/are correct about the Union Government budget in India?

The Budget reflects the vision of the government in fulfilling the aspirations of people.
The Budget is the summary report of the financial performance of the government in power.
The Budget provides details of expenditures meted out by various Union Government ministries.

- Ans**
- ☒ 1. All a, b and c
 - ☒ 2. Only a
 - ☒ 3. Only c
 - ☒ 4. Only a and b

Q.11 From which of the following countries has the Indian Constitution borrowed the concept of the Concurrent List?

- Ans**
- ☒ 1. Russia
 - ☒ 2. Australia
 - ☒ 3. USA
 - ☒ 4. Ireland

Q.12 The igneous, sedimentary and metamorphic rocks are interconvertible through a continuous process called:

- Ans**
- ☒ 1. rock cycle
 - ☒ 2. lithification
 - ☒ 3. weathering and erosion
 - ☒ 4. metamorphism

Q.13 In June 2023, which country conferred the 'Order of the Nile' award on Narendra Modi?

- Ans**
- ☒ 1. Egypt
 - ☒ 2. Lebanon
 - ☒ 3. Turkey
 - ☒ 4. Singapore

Q.14 Which of the following is NOT associated with the Iron Age in India?

- Ans**
- ☒ 1. Painted grey ware
 - ☒ 2. Smelting
 - ☒ 3. Northern black polished ware
 - ☒ 4. Mehrauli iron pillar

Q.15 Which of the following committees was set up to investigate into the infamous Jallianwala Bagh massacre?

- Ans**
- ☒ 1. Hunter Committee
 - ☐ 2. Sadlar Committee
 - ☐ 3. Henry Fowler Committee
 - ☐ 4. Butler Committee

Q.16 Which of the following types of emergencies is declared under Article 360 of the Indian Constitution?

- Ans**
- ☒ 1. Financial Emergency
 - ☐ 2. Constitutional Emergency
 - ☐ 3. State Emergency
 - ☐ 4. National Emergency

Q.17 _____ was launched by the Government of India in 2020 to make the country and its citizens independent and self-sufficient in all respects.

- Ans**
- ☐ 1. Digital India Mission
 - ☐ 2. Swachh Bharat Mission
 - ☒ 3. Atmanirbhar Bharat Abhiyan
 - ☐ 4. Smart Cities Mission

Q.18 ‘The Namesake’, ‘Unaccustomed Earth’ and ‘The Lowland’ are novels written by who among the following authors?

- Ans**
- ☐ 1. Aravind Adiga
 - ☐ 2. Arundhati Roy
 - ☒ 3. Jhumpa Lahiri
 - ☐ 4. Shobha De

Q.19 Which edition of the Pro Kabaddi League was started in December 2023?

- Ans**
- ☒ 1. 10th
 - ☐ 2. 8th
 - ☐ 3. 12th
 - ☐ 4. 11th

Q.20 Which of the following statements is NOT true about Plastids?

- Ans**
- ☒ 1. Starch, oils and protein granules are stored in chromoplasts.
 - ☐ 2. Stroma is found in chloroplast.
 - ☐ 3. They have their own ribosomes.
 - ☐ 4. They have their own DNA.

Q.21 When is the National Unity Day celebrated in India?

- Ans**
- ☐ 1. 2 October
 - ☐ 2. 26 January
 - ☒ 3. 31 October
 - ☐ 4. 14 November

Q.22 Mallika Sarabhai was honoured with the Padma Bhushan in 2010 for her contribution to which of the following fields?

- Ans**
- ☐ 1. Singing
 - ☐ 2. Literature
 - ☐ 3. Painting
 - ☒ 4. Dance

Q.23 Which material was largely used to build the stupa at Piprahwa in Uttar Pradesh?

- Ans**
- ☐ 1. Sandstone
 - ☐ 2. Marble
 - ☒ 3. Bricks
 - ☐ 4. Granite Stone

Q.24 Two masses of 1 kg and 2 kg were dropped from a height of 3.2 metres. Their respective velocities just before touching the ground will be:
(Assume acceleration due to gravity $g = 10 \text{ m/s}^2$)

- Ans**
- ☐ 1. 4 m/s and 8 m/s
 - ☐ 2. 3.2 m/s for both
 - ☒ 3. 8 m/s for both
 - ☐ 4. 8 m/s and 4 m/s

Q.25 Kaal Baisakhi belongs to which state from the following?

- Ans**
- ☐ 1. Bihar
 - ☐ 2. Rajasthan
 - ☐ 3. Punjab
 - ☒ 4. West Bengal

Section : **English Language and Comprehension**

Q.1 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options.
Select the correct alternative.
Playing 'hide-n-seek' is the one of the fond memories of my childhood.

- Ans**
- ☒ 1. fondest
 - ☐ 2. most fondest
 - ☐ 3. more fonder
 - ☐ 4. fonder

Q.2 Select the option that rectifies the spelling of the underlined word in the given sentence.
The children were excited to ride the carusel.

- Ans**
- 1. Carrousel
 - 2. Karusel
 - 3. Carousell
 - 4. Carousel

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Q.3 Select the correct spelling of the underlined word.

She has a magnificient personality.

- Ans**
- ☐ 1. Megnifecent
 - ☐ 2. Megnificent
 - ☐ 3. Magnifecient
 - ☒ 4. Magnificent

Q.4 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.
He was able to do _____ (tedious) jobs and hence decided to be in the airline service, which demanded 12 long hours of service.

- Ans**
- ☐ 1. irksome
 - ☒ 2. delightful
 - ☐ 3. riotous
 - ☐ 4. timid

Q.5 Select the most appropriate option that can substitute the underlined words in the given sentence.

The walls of the marriage hall were covered by beautiful purple curtains.

- Ans**
- ☒ 1. covered on
 - ☒ 2. covered of
 - ☒ 3. covered with
 - ☒ 4. covered upon

Q.6 Select the most appropriate synonym of the given word.
Vigorous

- Ans**
- ☒ 1. Energetic
 - ☒ 2. Guarded
 - ☒ 3. Academic
 - ☒ 4. Furious

Q.7 Based on the situation in the given sentence, select the most appropriate idiom for the underlined segment.

Having known to the facts, the manager disregarded the arguments of the customer.

- Ans**
- ☒ 1. Turned against
 - ☒ 2. Turned out
 - ☒ 3. Bite the Bullet
 - ☒ 4. Turned a deaf ear

Q.8 Select the sentence that contains a spelling error.

- Ans**
- ☒ 1. We saw a pride of lions nonchalantly roaming in the forest.
 - ☒ 2. He has made significant improvement in the last few weeks.
 - ☒ 3. They had been disgrantled with the company due to various reasons.
 - ☒ 4. Despite his formidable appearance, he possesses a kind heart.

Q.9 Select the most appropriate meaning of the given idiom.

Clear as mud

- Ans**
- ☒ 1. Very easy to understand
 - ☒ 2. Very difficult to understand
 - ☒ 3. A clean surface
 - ☒ 4. A dirty surrounding

Q.10 Change the following sentence into positive degree.

Yash is not better than Harsh.

- Ans**
- ☒ 1. Yash is not good than Harsh.
 - ☒ 2. Yash is as good as Harsh.
 - ☒ 3. Yash and Harsh both are good.
 - ☒ 4. Yash is best than Harsh.

Q.11 The given sentence is divided into four segments. Select the option that has the segment with a grammatical error.

I left my / coat in the / hospital when I / had visit Alex.

- Ans**
- ☒ 1. had visit Alex.
 - ☒ 2. I left my
 - ☒ 3. coat in the
 - ☒ 4. hospital when I

Q.12 Select the most appropriate option that can substitute the underlined segment without changing its meaning in the given sentence.

Family planning programs play a crucial role in promoting reproductive health and empowering individuals to make informed choices, contributing to sustainable population growth and a healthier society.

- Ans**
- ☒ 1. promoting a viable population increase
 - ☐ 2. supporting sustainable population explosion
 - ☐ 3. discouraging a sustainable population upswing
 - ☐ 4. fostering an unbalanced population growth

Q.13 Select the most appropriate option to fill in the blanks.

If 2023 was ____ year consumers helped stave off a recession with an unexpected surge in spending, many economists _____ 2024 will be the time shoppers finally tighten their belts.

- Ans**
- ☐ 1. a, see
 - ☐ 2. a, wanted
 - ☐ 3. an, thought
 - ☒ 4. the, predict

Q.14 Select the most appropriate ANTONYM of the given word.

Haste

- Ans**
- ☐ 1. Twist
 - ☒ 2. Delay
 - ☐ 3. Quick
 - ☐ 4. Speed

Q.15 Select the most appropriate synonym of the word 'Pamper' from the given sentence.
I always feel that nuclear families always mollycoddle their kids without directing them to the correct path or denying their unrealistic demands.

- Ans**
- ☒ 1. Mollycoddle
 - ☐ 2. Nuclear
 - ☐ 3. Path
 - ☐ 4. Demands

Q.16 Select the most appropriate adjective to fill in the blank.

They needed a _____ answer for every question.

- Ans**
- ☒ 1. precise
 - ☐ 2. most precise
 - ☐ 3. preciser
 - ☐ 4. more precise

Q.17 Select the most appropriate ANTONYM of the given word.
Contrary

- Ans**
- ☐ 1. Transformational
 - ☐ 2. Forward
 - ☐ 3. Reverse
 - ☒ 4. Similar

Q.18 Select the most appropriate option to fill in the blank.
The CEO came up with a groundbreaking strategy to _____ new markets and capitalise on emerging trends.

- Ans**
- ☐ 1. break out
 - ☒ 2. break into
 - ☐ 3. break off
 - ☐ 4. break down

Q.19 Select the grammatically correct sentence.

- Ans**
- ☒ 1. A teacher from South explained the theory in the detailed manners.
 - ☒ 2. The teacher from an South explained a theory in a detailed manner.
 - ☒ 3. The teacher from the South explained the theory in a detailed manner.
 - ☒ 4. The teacher from a South explained the theory in the detailed manner.

Q.20 Select the most appropriate option to fill in the blank.

The old man shared his _____ wisdom with the young generation.

- Ans**
- ☒ 1. frivolous
 - ☒ 2. ephemeral
 - ☒ 3. sagacious
 - ☒ 4. trivial

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We should remember that all religions (1)_____ good conduct in life, the foundation of which should rest on (2)_____. Without the basis of morality, philosophy would remain mere polemics, and religion would be (3)_____ and vain. Nobody can say that he is religious unless he is (4)_____ and unselfish. It is realised that by constant endeavour through thought, word and deed, one could (5)_____ absolute peace of mind.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. abandon
 - ☒ 2. preach
 - ☒ 3. depart
 - ☒ 4. refrain

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We should remember that all religions (1)_____ good conduct in life, the foundation of which should rest on (2)_____. Without the basis of morality, philosophy would remain mere polemics, and religion would be (3)_____ and vain. Nobody can say that he is religious unless he is (4)_____ and unselfish. It is realised that by constant endeavour through thought, word and deed, one could (5)_____ absolute peace of mind.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. ethics
 - ☒ 2. unconscientiousness
 - ☒ 3. evil
 - ☒ 4. boundaries

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We should remember that all religions (1)_____ good conduct in life, the foundation of which should rest on (2)_____. Without the basis of morality, philosophy would remain mere polemics, and religion would be (3)_____ and vain. Nobody can say that he is religious unless he is (4)_____ and unselfish. It is realised that by constant endeavour through thought, word and deed, one could (5)_____ absolute peace of mind.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. meaningless
 - ☒ 2. useful
 - ☒ 3. rational
 - ☒ 4. popular

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We should remember that all religions (1)_____ good conduct in life, the foundation of which should rest on (2)_____. Without the basis of morality, philosophy would remain mere polemics, and religion would be (3)_____ and vain. Nobody can say that he is religious unless he is (4)_____ and unselfish. It is realised that by constant endeavour through thought, word and deed, one could (5)_____ absolute peace of mind.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
-  1. grotesque
 -  2. truthful
 -  3. lethargic
 -  4. insensitive

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We should remember that all religions (1)_____ good conduct in life, the foundation of which should rest on (2)_____. Without the basis of morality, philosophy would remain mere polemics, and religion would be (3)_____ and vain. Nobody can say that he is religious unless he is (4)_____ and unselfish. It is realised that by constant endeavour through thought, word and deed, one could (5)_____ absolute peace of mind.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. divide
 -  2. forfeit
 -  3. acquire
 -  4. scatter

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	09/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 9% per year rate of interest for 4 years.

- Ans
- ☐ 1. 860
 - ☒ 2. 900
 - ☐ 3. 840
 - ☐ 4. 940

Q.2 In a company, if 40 workers can make 50 bags in 4 days, then how many bags will 24 workers will make in 8 days?

- Ans
- ☐ 1. 45
 - ☐ 2. 40
 - ☐ 3. 54
 - ☒ 4. 60

Q.3 The radius of a solid right circular cone is 65 cm and its height is 72 cm. The total surface area (in cm^2) of the cone is (use $\pi = \frac{22}{7}$):

- Ans
- ☐ 1. $43084\frac{5}{7}$
 - ☐ 2. $43051\frac{3}{7}$
 - ☒ 3. $33094\frac{2}{7}$
 - ☐ 4. $38012\frac{1}{7}$

Q.4 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 7% per year rate of interest for 3 years.

- Ans
- ☒ 1. 525
 - ☐ 2. 565
 - ☐ 3. 485
 - ☐ 4. 465

Q.5 The HCF of $21xy^3$, $33x^2y$ and a third number is $3xy$ and their LCM is $231x^3y^4$. The possible third number is:

- Ans
- ☐ 1. $31x^4y^3$
 - ☐ 2. $50x^3y^4$
 - ☐ 3. $35x^4y^3$
 - ☒ 4. $21x^3y^4$

Q.6 A car can cover 275 km in 5 hours. If its speed is reduced by 5 km/h, then how much time will the car take to cover a distance of 300 km?

- Ans**
- ☐ 1. 4 hr 30 min
 - ☐ 2. 5 hr 30 min
 - ☒ 3. 6 hr
 - ☐ 4. 5 hr

Q.7 Two vendors calculate their profit percentage on the cost price and selling price, respectively. What will be the difference between the profits (in ₹) if both the vendors declare a profit of 28% on the goods sold for ₹3,200?

- Ans**
- ☐ 1. 548
 - ☒ 2. 196
 - ☐ 3. 896
 - ☐ 4. 700

Q.8 The average of four girls' age is 12 years. The ages of three of them are 7, 12 and 13 years. Find the age of the fourth girl.

- Ans**
- ☐ 1. 17 years
 - ☒ 2. 16 years
 - ☐ 3. 15 years
 - ☐ 4. 14 years

Q.9 A chemist prepares 100 grams of medicine by mixing two ingredients X and Y. The rate of X is ₹1,500 per 100 grams and that of Y is ₹50 per 10 grams. X and Y are mixed in such a way that the cost of the resulting medicine is ₹13 per gram. What is the quantity of X (in grams) in the medicine?

- Ans**
- ☐ 1. 30
 - ☒ 2. 80
 - ☐ 3. 10
 - ☐ 4. 20

Q.10 A cyclist covers a distance of 2.5 km in 4 minutes 10 seconds. How long will he take to cover a distance of 6 km at the same speed?

- Ans**
- ☒ 1. 10 minutes
 - ☐ 2. 9 minutes
 - ☐ 3. 11 minutes
 - ☐ 4. 12 minutes

Q.11 The cost price of an article is 76% of its marked price. Find the gain percentage after allowing a discount of 5%.

- Ans**
- ☐ 1. 27.5%
 - ☐ 2. 24%
 - ☒ 3. 25%
 - ☐ 4. 22.5%

Q.12 At a certain rate of simple interest, a sum becomes ₹9,430 in 3 years and ₹11,070 in 7 years. Find the sum.

- Ans**
- ☐ 1. ₹8,350
 - ☒ 2. ₹8,200
 - ☐ 3. ₹7,800
 - ☐ 4. ₹8,000

Q.13 ABCDEF is a regular hexagon, and $m(\overline{AD}) = 12$ cm. What is the area (in cm^2) of the given hexagon?

- Ans**
- ☐ 1. $162\sqrt{3}$
 - ☒ 2. $54\sqrt{3}$
 - ☐ 3. $216\sqrt{3}$
 - ☐ 4. $108\sqrt{3}$

Q.14 By selling an article for ₹2,700, Raghav incurs a loss of 8%. What was the cost price of the article (correct to two places of decimals)?

- Ans
- ☐ 1. ₹2,986.75
 - ☐ 2. ₹2,865.43
 - ☐ 3. ₹2,841.30
 - ☒ 4. ₹2,934.78

Q.15 A commodity is made of two metals, A and B, which cost ₹35 per kg and ₹40 per kg, respectively, in the ratio of 2 : 3. What is the cost (in ₹) of 12 kilograms of this commodity?

- Ans
- ☐ 1. 38
 - ☒ 2. 456
 - ☐ 3. 228
 - ☐ 4. 152

Q.16 In 2016, the price of a refrigerator increased by 5%, and in 2017, it decreased by 5%. At the end of the year 2017, its price was ₹47,880. What was its price at the beginning of the year 2016?

- Ans
- ☐ 1. ₹48,560
 - ☐ 2. ₹46,000
 - ☒ 3. ₹48,000
 - ☐ 4. ₹54,050

Q.17 A person sold an article and got a loss of 9%. If he sold it for ₹51 more he would gain 8%. Find the C.P.

- Ans
- ☐ 1. Rs.400
 - ☐ 2. Rs.250
 - ☐ 3. Rs.350
 - ☒ 4. Rs.300

Q.18 Find the LCM of $\frac{1}{7}$, $\frac{2}{5}$ and $\frac{3}{15}$.

- Ans
- ☐ 1. 5
 - ☒ 2. 6
 - ☐ 3. 4
 - ☐ 4. 3

Q.19 The area of a rectangular park of length 15 m and breadth 12 m is:

- Ans
- ☐ 1. 170 m²
 - ☒ 2. 180 m²
 - ☐ 3. 54 m²
 - ☐ 4. 144 m²

Q.20 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 71 kg and 39 kg is:

- Ans
- ☐ 1. 52
 - ☒ 2. 51
 - ☐ 3. 53
 - ☐ 4. 50

Section : Reasoning Ability and Problem Solving

Q.1 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All planets are stars. All stars are galaxies.

Conclusion (I): All stars are planets.

Conclusion (II): All planets are galaxies.

- Ans**
- ☐ 1. Both conclusions I and II follow
 - ☐ 2. Neither conclusion I nor II follows
 - ☐ 3. Only conclusion I follows
 - ☒ 4. Only conclusion II follows

Q.2 In a certain code language, 'HAVE' is coded as '2648' and 'VOLT' is coded as '3961'. What is the code for 'V' in the given code language?

- Ans**
- ☒ 1. 6
 - ☐ 2. 4
 - ☐ 3. 3
 - ☐ 4. 1

Q.3 Select the number from among the given options that can replace the question mark (?) in the following series.
23, ?, 89, 177, 353, 705

- Ans**
- ☐ 1. 47
 - ☐ 2. 49
 - ☐ 3. 42
 - ☒ 4. 45

Q.4 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All drinks are milk. Some milk is water.

Conclusions:

(I) Some water is drink is a possibility.

(II) Some drink is water.

- Ans**
- ☐ 1. Both conclusion (I) and (II) follow.
 - ☐ 2. Only Conclusion (II) follows.
 - ☐ 3. Neither conclusion (I) nor (II) follows.
 - ☒ 4. Only Conclusion (I) follows.

Q.5 What should come in place of the question mark (?) in the given series?

27, 28, 31, 36, 43, ?

- Ans**
- ☐ 1. 54
 - ☐ 2. 50
 - ☐ 3. 48
 - ☒ 4. 52

Q.6 In a certain code language, 'nothing to hide' is written as 'tg mk sa' and 'hide and seek' is written as 'mk wd lq'. How will 'hide' be written in that language?

- Ans**
- ☐ 1. lq
 - ☐ 2. wd
 - ☐ 3. tg
 - ☒ 4. mk

Q.7 A, B, C, P, X, Y and Z are sitting around a circular table facing the centre (but not necessarily in the same order). Y sits third to the left of A. B sits second to the left of C. Z sits to the immediate left of B. P sits third to the left of Z. A is not an immediate neighbour of C. Who sits third to the left of Y?

- Ans**
-  1. B
 -  2. Z
 -  3. X
 -  4. Y

Q.8 Which two numbers should be interchanged to make the given equation correct?
 $(24 + 14 - 6) \div 2 + 18 \times 3 - 20 = 40$
(Note: Interchange should be done of entire number and not individual digits of a given number)

- Ans**
-  1. 14 and 18
 -  2. 20 and 24
 -  3. 20 and 14
 -  4. 2 and 3

Q.9 ORUX is related to QTWZ in a certain way based on the English alphabetical order. In the same way, EHKN is related to GJMP. To which of the following is CFIL related, following the same logic?

- Ans**
-  1. DKHN
 -  2. EKHN
 -  3. DHNK
 -  4. EHKN

Q.10 AE10 is related to CG20 in a certain way. In the same way, KO20 is related to MQ30. To which of the following is CG30 related, following the same logic?

- Ans**
-  1. EI40
 -  2. EF40
 -  3. GI45
 -  4. EI45

Q.11 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $12 \div 3 - 8 + 16 \times 4 = ?$

- Ans**
-  1. 48
 -  2. 44
 -  3. 42
 -  4. 40

Q.12 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

16, 80
22, 110

- Ans**
-  1. 21, 33
 -  2. 17, 32
 -  3. 15, 20
 -  4. 25, 125

Q.13 In a certain code language, 'rivers trees grass' is coded as '22 44 66' and 'trees clouds birds' is coded as '44 99 88'. How is 'trees' coded in the given language?

- Ans**
-  1. 44
 -  2. 22
 -  3. 66
 -  4. 88

Q.14 Five girls P, Q, R, S and T sit around a circular table facing towards the centre (not necessarily in the same order). Only one girl sits between S and T. P sits to the immediate left of R. P is not an immediate neighbour of S. Who sits third to the right of T?

- Ans**
- ☐ 1. P
 - ☐ 2. R
 - ☒ 3. S
 - ☐ 4. Q

Q.15 15 is related to 58 following a certain logic. Following the same logic, 18 is related to 70. To which of the following is 22 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 84
 - ☒ 2. 86
 - ☐ 3. 88
 - ☐ 4. 82

Q.16 DKNF is related to YFIA in a certain way based on the English alphabetical order. In the same way, QYCR is related to LTXM. To which of the following is PEVM related, following the same logic?

- Ans**
- ☒ 1. KZQH
 - ☐ 2. KZPG
 - ☐ 3. IYPG
 - ☐ 4. IYQH

Q.17 What should come in place of question mark (?) in the given series based on the English alphabetical order?
AYF, FUI, KQL, PMO, ?

- Ans**
- ☒ 1. UIR
 - ☐ 2. UJR
 - ☐ 3. VIQ
 - ☐ 4. VIR

Q.18 In a certain code language, 'BEST' is coded as '4982' and 'STEM' is coded as '6489'. What is the code for 'B' in that language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 6
 - ☐ 3. 4
 - ☒ 4. 2

Q.19 122 is related to 145 following a certain logic. Following the same logic, 37 is related to 50. To which of the following is 82 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc.. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 89
 - ☐ 2. 96
 - ☒ 3. 101
 - ☐ 4. 98

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All kurtas are sarees.

All sarees are blouse.

Conclusions:

(I) All kurtas are blouse.

(II) No blouse is a saree.

- Ans**
-  1. Only conclusion II follows
 -  2. Both conclusions I and II follow
 -  3. Only conclusion I follows
 -  4. Neither conclusion I nor II follow

Section : **General Awareness**

Q.1 In 2023, Congress MP Shashi Tharoor has been named as the chairperson of the Parliamentary Committee on _____.

- Ans**
-  1. Housing and Urban Affairs
 -  2. Chemicals and Fertilisers
 -  3. External Affairs
 -  4. Finance and Health

Q.2 According to National Multidimensional Poverty Index 2023 (A Progress Review), which state has the highest proportion of multidimensionally poor people (Headcount Ratio)?

- Ans**
-  1. Odisha
 -  2. Jharkhand
 -  3. Bihar
 -  4. Rajasthan

Q.3 Few renowned artists of _____ dance style in India are Roshan Kumari, Shovana Narayan, Maya Rao and Kumudini Lakhia.

- Ans**
-  1. Manipuri
 -  2. Chhau
 -  3. Odissi
 -  4. Kathak

Q.4 Who among the following is known for his/her books 'The Algebra of Infinite Justice', 'Kashmir: The Case for Freedom' and 'Capitalism: A Ghost Story'?

- Ans**
-  1. Arundhati Roy
 -  2. Jhumpa Lahiri
 -  3. Salman Rushdie
 -  4. Amitav Ghosh

Q.5 Amer Fort was built with red sandstone and white marble by which ruler in the 16th century?

- Ans**
-  1. Raja Jai Singh
 -  2. Raja Udai Singh
 -  3. Raja Amar Singh
 -  4. Raja Man Singh I

Q.6 To mark the 75 years of Indo-Lanka Diplomatic Relations, External Affairs Minister Jaishankar inaugurated the 'Geoffrey Bawa: It is Essential To be There' Exhibition in March 2023. Who was Geoffrey Bawa?

- Ans**
-  1. Indian Architect
 -  2. Indian Poet
 -  3. Sri Lankan Poet
 -  4. Sri Lankan Architect

Q.7 According to Economic Survey 2023-24, which of the following states is the largest wheat producing state of India?

- Ans**
- ☒ 1. Uttar Pradesh
 - ☐ 2. West Bengal
 - ☐ 3. Bihar
 - ☐ 4. Assam

Q.8 What is the chemical formula for the compound commonly known as 'laughing gas'?

- Ans**
- ☐ 1. N_2O_3
 - ☒ 2. N_2O
 - ☐ 3. NO_2
 - ☐ 4. NO

Q.9 Due to the popularity of Indian clothes in Britain, a law was passed to ban Indian clothes. Which of the following was that law?

- Ans**
- ☐ 1. Textile act
 - ☐ 2. Muslin act
 - ☐ 3. Calso act
 - ☒ 4. Calico Act

Q.10 Which Article deals with the provisions in case of failure of the constitutional machinery in the State?

- Ans**
- ☐ 1. Article 448
 - ☐ 2. Article 342
 - ☐ 3. Article 395
 - ☒ 4. Article 356

Q.11 'Navroz' is celebrated as the new year by which of the following communities?

- Ans**
- ☐ 1. Christian
 - ☐ 2. Buddhist
 - ☒ 3. Parsi
 - ☐ 4. Sikh

Q.12 Based on the Tendulkar committee, the National poverty line was defined as which of the following?

- i. ₹816 per capita per month for rural areas
ii. ₹1,000 per capita per month for urban areas.

- Ans**
- ☐ 1. Only i is correct
 - ☐ 2. Both i and ii are incorrect
 - ☒ 3. Both i and ii are correct
 - ☐ 4. Only ii is correct

Q.13 Which of the followings is NOT one of the government accounts of India?

- Ans**
- ☒ 1. General Provident Fund
 - ☐ 2. Consolidated Funds of India
 - ☐ 3. Contingency Fund of India
 - ☐ 4. Public Accounts of India

Q.14 Who among the following was the top run-scorer for India at the 1983 Cricket World Cup final with 38 runs?

- Ans**
- ☐ 1. Sandeep Patil
 - ☒ 2. Krishnamachari Srikkanth
 - ☐ 3. Kapil Dev
 - ☐ 4. Mohinder Amarnath

Q.15 Where was the Intercontinental Football Cup 2023 organised?

- Ans**
- ☐ 1. Jalpaiguri
 - ☐ 2. Chandigarh
 - ☐ 3. Dispur
 - ☒ 4. Bhubaneswar

Q.16 In which of the following religions was the agriculture prohibited for its followers?

- Ans**
- ☐ 1. Vaishnavism
 - ☒ 2. Jainism
 - ☐ 3. Buddhism
 - ☐ 4. Shaivism

Q.17 Carbon dioxide plays a vital role in changing the earth's climate, leading to a critical condition known as _____.

- Ans**
- ☐ 1. Thermal Conduction
 - ☐ 2. Temperature Convection
 - ☐ 3. Ozone Depletion
 - ☒ 4. Greenhouse Effect

Q.18 To get relief from constipation, which of the following is prescribed to be eaten in large amount?

- Ans**
- ☐ 1. Fish
 - ☒ 2. Fibre
 - ☐ 3. Protein
 - ☐ 4. Meat

Q.19 Anorexia nervosa is an eating disorder in teenagers. Here body weight:

- Ans**
- ☐ 1. does not change
 - ☒ 2. loses drastically
 - ☐ 3. increases drastically
 - ☐ 4. increases slightly

Q.20 According to average rainfall in India, the Ladakh Union Territory is located in _____.

- Ans**
- ☐ 1. areas of high rainfall
 - ☐ 2. areas of medium rainfall
 - ☒ 3. areas of inadequate rainfall
 - ☐ 4. areas of low rainfall

Q.21 Who was the Viceroy of India when the Indian Arms Act, 1878, was passed?

- Ans**
- ☐ 1. Lord Ripon
 - ☐ 2. Lord Dufferin
 - ☒ 3. Lord Lytton
 - ☐ 4. Lord Curzon

Q.22 Moti Masjid in Agra fort was constructed by which of the following Mughal Emperors?

- Ans**
- ☒ 1. Shahjahan
 - ☐ 2. Jahangir
 - ☐ 3. Akbar
 - ☐ 4. Aurangzeb

Q.23 The Indian Constitution has adopted the parliamentary form of Government from _____.

- Ans**
- ☐ 1. USA
 - ☒ 2. Britain
 - ☐ 3. France
 - ☐ 4. Russia

Q.24 Odissi Guru, _____, received the first Utkal Pratibha Samman 2023 at Bhubaneswar.

- Ans**
- ☐ 1. Sailaja
 - ☐ 2. Hema Rajagopalan
 - ☒ 3. Ratikant Mohapatra
 - ☐ 4. Vidhya Subramanian

Q.25 In 1974, classical singer Naina Devi was awarded the Padma Shri for her contribution to which of the following singing styles?

- Ans**
- ☒ 1. Thumri
 - ☐ 2. Tappa
 - ☐ 3. Kajari
 - ☐ 4. Dadra

Section : **English Language and Comprehension**

Q.1 Parts of the following sentence have been given as options. Select the option that contains an error.

My son, who is a cricketer too, is a M.A. from Delhi University.

- Ans**
- ☐ 1. a cricketer too
 - ☒ 2. is a M.A.
 - ☐ 3. My son, who is
 - ☐ 4. from Delhi University

Q.2 Select the most appropriate synonym of the given word.

Inanimate

- Ans**
- ☒ 1. Lifeless
 - ☐ 2. Cartoon
 - ☐ 3. Imitate
 - ☐ 4. Inhumane

Q.3 Select the most appropriate synonym of the word 'Plain' from the given sentence.
Mr. Das believes and follows the principle of simple living and high thinking.

- Ans**
- ☐ 1. High
 - ☐ 2. believes
 - ☐ 3. principle
 - ☒ 4. Simple

Q.4 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

The comedian's jokes were so funny that the audience was laughing uncontrollably.

- Ans**
- ☒ 1. in stitches
 - ☐ 2. as easy as pie
 - ☐ 3. on the ball
 - ☐ 4. in bits and pieces

Q.5 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Weired
 - ☐ 2. Vacuum
 - ☐ 3. Separate
 - ☐ 4. Until

Q.6 Select the most appropriate **ANTONYM** of the given word.

Hollow

- Ans**
- ☐ 1. Arched
 - ☐ 2. Crafty
 - ☐ 3. Spurious
 - ☒ 4. Worthwhile

Q.7 The given sentence is divided into four segments. Select the option that has the segment with a grammatical error.
She forbade / him not / to enter that / room.

- Ans**
- ☐ 1. she forbade
 - ☒ 2. him not
 - ☐ 3. room.
 - ☐ 4. to enter that

Q.8 Select the most appropriate meaning of the underlined word in the given sentence.
Exclusion of someone from a common group harms the human society.

- Ans**
- ☐ 1. Admission
 - ☐ 2. Submission
 - ☐ 3. Inclination
 - ☒ 4. Prohibition

Q.9 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Miscellaneous
 - ☒ 2. Peculiar
 - ☐ 3. Parallel
 - ☐ 4. Mediterranean

Q.10 Select the most appropriate meaning of the given idiom.

Knuckle down

- Ans**
- ☐ 1. To crush someone to the extent that they cannot get up
 - ☒ 2. To start working or studying hard
 - ☐ 3. To engage in street fighting
 - ☐ 4. To make others do their share of hard work using power

Q.11 Select the option that can be used as one-word substitute for the given group of words.

One who performs daring gymnastic feats

- Ans**
- ☐ 1. Adonis
 - ☐ 2. Advocate
 - ☒ 3. Acrobat
 - ☐ 4. Addict

Q.12 The following sentence has been split into four parts. Identify the part that contains a grammatical error.

Jack probably/ strained his back/ as the box was/ too heavier.

- Ans**
- ☐ 1. Jack probably
 - ☐ 2. strained his back
 - ☒ 3. too heavier.
 - ☐ 4. as the box was

Q.13 Select the most appropriate option to fill in the blank.

Personally, Ramesh was _____ to his villagers than his elder brother.

- Ans**
- ☐ 1. helpfuller
 - ☒ 2. more helpful
 - ☐ 3. most helpful
 - ☐ 4. helped

Q.14 Select the most appropriate option to fill in the blank.

As technology evolves, consumers increasingly _____ products with enhanced features and greater efficiency.

- Ans**
- ☒ 1. has demanded
 - ☒ 2. might demand
 - ☒ 3. demand
 - ☒ 4. were demanding

Q.15 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. interrupt
 - ☒ 2. apparently
 - ☒ 3. committee
 - ☒ 4. foreign

Q.16 Select the most appropriate meaning of the given idiom.

The gift of the gab

- Ans**
- ☒ 1. Just at the last moment
 - ☒ 2. Life full of quarrels
 - ☒ 3. The ability to speak easily and confidently
 - ☒ 4. Impossible

Q.17 Select the option that can be used as a one-word substitute for the given group of words.

A person who eats too much

- Ans**
- ☒ 1. Misogamist
 - ☒ 2. Sycophant
 - ☒ 3. Glutton
 - ☒ 4. Fatalist

Q.18 Select the most appropriate option to fill in the blanks.

Kiara was born in India but she went to _____ university in _____ United Kingdom.

- Ans**
- ☒ 1. the; No article required
 - ☒ 2. a; the
 - ☒ 3. a; No article required
 - ☒ 4. No article required; the

Q.19 Select the most appropriate meaning of the underlined word.

There are so many flies on the food.

- Ans**
- ☒ 1. To move from one place to another
 - ☒ 2. To hover up in the sky
 - ☒ 3. Insects with wings
 - ☒ 4. Various types of bacteria

Q.20 Select the option that can be used as a one-word substitute for the underlined group of words.

Because the politician's speech was high-flown and pretentious, it gained popularity.

- Ans**
- ☒ 1. bombastic
 - ☒ 2. mnemonic
 - ☒ 3. austere
 - ☒ 4. schematising

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The standard of living of any country means the average (1)_____ share of the goods and services which the country produces. A country's standard of living, therefore, (2)_____ first and foremost on its capacity to produce wealth. 'Wealth', in this sense, is not money, for we do not live (3)_____ money but on things that money (4)_____ buy; 'goods' such as food and clothing and 'services' such as transport and entertainment. A country's capacity to produce wealth depends upon many factors, most of which have an effect on one another. Wealth depends to a great extent (5)_____ a country's natural resources, such as coal, gold and other minerals, water supply and so on.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. per son
 - ☒ 2. persons'
 - ☒ 3. person's
 - ☒ 4. person

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The standard of living of any country means the average (1)_____ share of the goods and services which the country produces. A country's standard of living, therefore, (2)_____ first and foremost on its capacity to produce wealth. 'Wealth', in this sense, is not money, for we do not live (3)_____ money but on things that money (4)_____ buy; 'goods' such as food and clothing and 'services' such as transport and entertainment. A country's capacity to produce wealth depends upon many factors, most of which have an effect on one another. Wealth depends to a great extent (5)_____ a country's natural resources, such as coal, gold and other minerals, water supply and so on.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. depended
 - ☒ 2. depends
 - ☒ 3. dependent
 - ☒ 4. depending

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The standard of living of any country means the average (1)_____ share of the goods and services which the country produces. A country's standard of living, therefore, (2)_____ first and foremost on its capacity to produce wealth. 'Wealth', in this sense, is not money, for we do not live (3)_____ money but on things that money (4)_____ buy; 'goods' such as food and clothing and 'services' such as transport and entertainment. A country's capacity to produce wealth depends upon many factors, most of which have an effect on one another. Wealth depends to a great extent (5)_____ a country's natural resources, such as coal, gold and other minerals, water supply and so on.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. by
 - ☒ 2. on
 - ☒ 3. into
 - ☒ 4. in

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The standard of living of any country means the average (1)_____ share of the goods and services which the country produces. A country's standard of living, therefore, (2)_____ first and foremost on its capacity to produce wealth. 'Wealth', in this sense, is not money, for we do not live (3)_____ money but on things that money (4)_____ buy; 'goods' such as food and clothing and 'services' such as transport and entertainment. A country's capacity to produce wealth depends upon many factors, most of which have an effect on one another. Wealth depends to a great extent (5)_____ a country's natural resources, such as coal, gold and other minerals, water supply and so on.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. can
 - ☒ 2. must
 - ☒ 3. should
 - ☒ 4. ought

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The standard of living of any country means the average (1)_____ share of the goods and services which the country produces. A country's standard of living, therefore, (2)_____ first and foremost on its capacity to produce wealth. 'Wealth', in this sense, is not money, for we do not live (3)_____ money but on things that money (4)_____ buy; 'goods' such as food and clothing and 'services' such as transport and entertainment. A country's capacity to produce wealth depends upon many factors, most of which have an effect on one another. Wealth depends to a great extent (5)_____ a country's natural resources, such as coal, gold and other minerals, water supply and so on.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
-  1. with
 -  2. in
 -  3. upon
 -  4. over

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	09/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 How much sugar at ₹68/kg should be added to 20 kg of tea worth ₹440/kg so that the mixture be worth ₹130/kg?

- Ans**
- ☒ 1. 100 kg
 - ☐ 2. 120 kg
 - ☐ 3. 110 kg
 - ☐ 4. 80 kg

Q.2 Akash, Ajay, Sonia, Anju and Rohit are in a group. The average marks scored by their group is 27. Akash left the group and now the average of the remaining students is 24. How many marks did Akash score?

- Ans**
- ☐ 1. 35
 - ☐ 2. 15
 - ☒ 3. 39
 - ☐ 4. 32

Q.3 Radha walks to her office 5 km away from home. In the morning, she covers the distance in 1 hour whereas, while returning home in the evening, she takes 15 more minutes to cover the same distance. Find her average speed (in km/h) during the two-way journey.

- Ans**
- ☐ 1. $4\frac{2}{3}$
 - ☐ 2. $3\frac{1}{8}$
 - ☐ 3. $3\frac{3}{5}$
 - ☒ 4. $4\frac{4}{9}$

Q.4 A shopkeeper buys two varieties of sugar at ₹120 and ₹80 per kg, respectively, and mixes them in the ratio 2 : 3. He then sets the marked price of each kg of the blended sugar at 50% above the cost he incurred per kg of the same, and then sold it after offering a 25% discount on the marked price. At what price (in ₹) did the shopkeeper sell each kg of the blended sugar?

- Ans**
- ☐ 1. 114
 - ☐ 2. 144
 - ☐ 3. 120
 - ☒ 4. 108

Q.5 A right circular cone of height h and radius R is cut by a plane parallel to the base at a distance $\frac{h}{5}$ from the base. The ratio of the curved surface area of the frustum and the total surface area of the resulting cone is:

- Ans**
- ☐ 1. $16L : 9(R + L)$
 - ☐ 2. $9(R + L) : 16L$
 - ☐ 3. $16(R + L) : 9L$
 - ☒ 4. $9L : 16(R + L)$

Q.6 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 69 kg and 37 kg is:

- Ans
- ☐ 1. 49.2
 - ☒ 2. 50.2
 - ☐ 3. 51.2
 - ☐ 4. 52.2

Q.7 Find the simple interest on ₹36,000 at an annual rate of 22% over an 8 month period.

- Ans
- ☐ 1. ₹5,275
 - ☒ 2. ₹5,280
 - ☐ 3. ₹5,290
 - ☐ 4. ₹5,270

Q.8 A dishonest shopkeeper promises to sell his goods at cost price. However, he uses a weight that actually weighs 18% less than what is written on it. Find his profit percentage.

- Ans
- ☐ 1. $22\frac{40}{41}\%$
 - ☒ 2. $21\frac{39}{41}\%$
 - ☐ 3. $20\frac{39}{41}\%$
 - ☐ 4. $23\frac{78}{41}\%$

Q.9 What sum (in ₹) will earn a simple interest of ₹240 in 3 years at 16% per year rate of interest?

- Ans
- ☐ 1. 1000
 - ☐ 2. 750
 - ☒ 3. 500
 - ☐ 4. 250

Q.10 Two numbers are in the ratio 3 : 7. Their L.C.M. is 126. Find the sum of the numbers.

- Ans
- ☐ 1. 64
 - ☒ 2. 60
 - ☐ 3. 90
 - ☐ 4. 69

Q.11 If 40% of A is equal to 64% of B, then what will be A : B?

- Ans
- ☐ 1. 7 : 5
 - ☐ 2. 5 : 6
 - ☒ 3. 8 : 5
 - ☐ 4. 8 : 7

Q.12 If a boatman can row upstream at 10 km/h and downstream at 12 km/h, then find the ratio of the speed of the boat in still water and the speed of the current.

- Ans
- ☐ 1. 2 : 11
 - ☐ 2. 1 : 11
 - ☐ 3. 11 : 2
 - ☒ 4. 11 : 1

Q.13 The diameter of a cylinder is equal to its height. If the height of the cylinder is 14 cm, find the total surface area of the cylinder. (Take $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 924 cm²
 - ☐ 2. 616 cm²
 - ☐ 3. 1232 cm²
 - ☐ 4. 2464 cm²

Q.14 The radius of the base and height of a right circular cone are in the ratio 8 : 15. Find the slant height of the cone if its volume is $1005\frac{5}{7}$ cm³.

- Ans
- ☐ 1. 12 cm
 - ☐ 2. 15 cm
 - ☒ 3. 17 cm
 - ☐ 4. 21 cm

Q.15 Simplify the following.

$$\left(1\frac{2}{9} \div 1\frac{2}{5} \text{ of } \frac{5}{21}\right) \div \left(\frac{\frac{7}{2} \div \frac{5}{2} \times \frac{3}{2}}{\frac{7}{2} \div \frac{5}{2} \text{ of } \frac{3}{2}} \div 5.25\right)$$

- Ans
- ☐ 1. $\frac{77}{21}$
 - ☐ 2. $\frac{11}{21}$
 - ☐ 3. $\frac{11}{7}$
 - ☒ 4. $\frac{77}{9}$

Q.16 The average weight of a family of 8 members is 56 kg. The grandfather and the grandmother came to visit the family. Now, the average weight of 10 members of the family is 64 kg. Find the average weight (in kg) of the grandparents.

- Ans
- ☐ 1. 90
 - ☐ 2. 94
 - ☒ 3. 96
 - ☐ 4. 92

Q.17 The cost price of an article is 64% of the marked price. Calculate the gain percentage after allowing a discount of 20%.

- Ans
- ☒ 1. 25%
 - ☐ 2. 50%
 - ☐ 3. 60%
 - ☐ 4. 40%

Q.18 The average age of a family consisting of parents and a child five years ago was 27 years. Three years ago, the average age of parents was 41. The child was born _____ years ago.

- Ans
- ☒ 1. 8
 - ☐ 2. 2
 - ☐ 3. 4
 - ☐ 4. 16

Q.19 Find the selling price of an article (in ₹) if the cost price is ₹4,500 and gain is 5%.

- Ans**
- ☐ 1. 5,175
 - ☐ 2. 4,657
 - ☒ 3. 4,725
 - ☐ 4. 5,527

Q.20 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 9% per year rate of interest for 2 years.

- Ans**
- ☐ 1. 500
 - ☐ 2. 480
 - ☐ 3. 580
 - ☒ 4. 540

Section : **Reasoning Ability and Problem Solving**

Q.1 Seven people P, Q, R, S, T, U and V are sitting around a circular table, facing the centre (but not necessarily in the same order). U is sitting second to the right of S. Q is sitting third to the left of U. R is sitting fifth to the right of P. T is sitting third to the left of V. What is the position of S with respect to V?

- Ans**
- ☐ 1. Second to the left
 - ☐ 2. To the immediate left
 - ☐ 3. To the immediate right
 - ☒ 4. Third to the right

Q.2 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(6, 17, 41)
(3, 20, 32)

- Ans**
- ☒ 1. (23, 4, 96)
 - ☐ 2. (12, 15, 53)
 - ☐ 3. (9, 6, 40)
 - ☐ 4. (7, 16, 14)

Q.3 EO 19 is related to AK 13 in a certain way. In the same way, UD 17 is related to QZ 11. To which of the following is VH 23 related, following the same logic?

- Ans**
- ☒ 1. RD 17
 - ☐ 2. RC 17
 - ☐ 3. RD 18
 - ☐ 4. QC 17

Q.4 Which of the following interchanges of signs would make the given equation correct?

$$8 - 42 + 104 \div 13 \times 4 = 18$$

- Ans**
- ☒ 1. – and +
 - ☐ 2. + and ×
 - ☐ 3. ÷ and –
 - ☐ 4. – and ×

Q.5 This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.

Statements:

No motor is a yak.

Some yaks are wipes.

Conclusions:

(I) No wipe is a yak.

(II) Some wipes are yaks.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow
 - ☐ 2. Only conclusion (I) follows
 - ☒ 3. Only conclusion (II) follows
 - ☐ 4. Neither conclusion (I) nor (II) follows

Q.6 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). G is sitting second to the right of B. Only two people are sitting between E and C when counted from the left of E. G is an immediate neighbour of E. A is sitting second to the left of C. D is not an immediate neighbour of B. What is the position of F with respect to G?

- Ans**
- ☒ 1. Third to the left
 - ☐ 2. Fourth to the left
 - ☐ 3. Second to the right
 - ☐ 4. Third to the right

Q.7 BDFH is related to YWUS in a certain way. In the same way, JLNP is related to QOMK. To which of the following is GIKM related, following the same logic?

- Ans**
- ☐ 1. TRPO
 - ☐ 2. TSRQ
 - ☐ 3. TRNP
 - ☒ 4. TRPN

Q.8 In a certain code language, 'mother scolds child' is written as 'si hi mi' and 'child loves father' is written as 'vi fi hi'. How is 'child' written in the given language?

- Ans**
- ☐ 1. fi
 - ☐ 2. vi
 - ☒ 3. hi
 - ☐ 4. mi

Q.9 What should come in place of the question mark (?) in the given series?

8796, 4392, 1092, 176, ?, -4.4

- Ans**
- ☐ 1. 11.6
 - ☐ 2. 38
 - ☒ 3. 16
 - ☐ 4. 22

Q.10 In a certain code language, 'RISK' is coded as '2369' and 'CRAP' is coded as '1876'. What is the code for 'R' in the given code language?

- Ans**
- ☐ 1. 7
 - ☒ 2. 6
 - ☐ 3. 8
 - ☐ 4. 9

Q.11 KQNT is related to QWTZ in a certain way based on the English alphabetical order. In the same way, IOLR is related to OURX. To which of the following is DJGM related, following the same logic?

- Ans**
- ☒ 1. JPMS
 - ☐ 2. PJMS
 - ☐ 3. PJSM
 - ☐ 4. JPSM

Q.12 In a certain code language, 'FOAM' is coded as '9618' and 'MUST' is coded as '4536'. What is the code for 'M' in that language?

- Ans**
- ☒ 1. 6
 - ☐ 2. 5
 - ☐ 3. 3
 - ☐ 4. 4

Q.13 What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and '×' and '÷' are interchanged?
 $60 + 9 \div 63 - 72 \times 12 = ?$

- Ans**
- ☒ 1. -501
 - ☐ 2. -503
 - ☐ 3. -502
 - ☐ 4. -504

Q.14 425 is related to 85 following a certain logic. Following the same logic, 265 is related to 53. To which of the following is 655 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 132
 - ☐ 2. 130
 - ☒ 3. 131
 - ☐ 4. 136

Q.15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All raincovers are umbrellas.

All raincovers are windcheaters.

Conclusions:

(I) Some umbrellas are windcheaters.

(II) All windcheaters are raincovers.

- Ans**
- ☒ 1. Only conclusion (I) follows.
 - ☐ 2. Both conclusions (I) and (II) follow.
 - ☐ 3. Neither conclusion (I) nor (II) follows.
 - ☐ 4. Only conclusion (II) follows.

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

(9, 45, 135)

(17, 85, 255)

- Ans**
- ☐ 1. (21, 105, 325)
 - ☐ 2. (20, 105, 315)
 - ☒ 3. (21, 105, 315)
 - ☐ 4. (21, 106, 315)

Q.17 Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

I. All strawberries are fruits.

II. Some berries are strawberries.

Conclusions:

I. All berries are fruits.

II. Some fruits are strawberries.

III. No berry is a fruit.

- Ans**
- ☒ 1. Only conclusion II follows.
 - ☐ 2. Only conclusion III follows.
 - ☐ 3. Both conclusions II and III follow.
 - ☐ 4. Either conclusion I or III follows.

Q.18 What should come in place of question mark (?) in the given series based on the English alphabetical order?
ZWT, WUQ, TSN, QQK, ?

- Ans**
-  1. MOG
 -  2. NOH
 -  3. NOQ
 -  4. MOH

Q.19 What should come in place of the question mark (?) in the given series?

55 64 82 109 145 ?

- Ans**
-  1. 190
 -  2. 185
 -  3. 195
 -  4. 180

Q.20 In a certain code language, 'PINK' is coded as 15 and 'PAINT' is coded as 24. How will 'WILDNESS' be coded in the same language?

- Ans**
-  1. 63
 -  2. 51
 -  3. 52
 -  4. 48

Section : **General Awareness**

Q.1 Which of the following statements is **INCORRECT** related to Macaulay?

- Ans**
-  1. He believed that India is an uncivilised country which needs to be taught the lessons of civilisation.
 -  2. Macaulay was an orientalist scholar.
 -  3. He considered Indian and Arab literature inferior to the Western literature.
 -  4. He strongly advocated giving English language education to Indians.

Q.2 Pellagra is a deficiency disease that usually occurs due to lack of which of the following nutrients?

- Ans**
-  1. Iodine
 -  2. Niacin
 -  3. Riboflavin
 -  4. Vitamin E

Q.3 The famous autobiography 'Lessons life taught me unknowingly' is related to:

- Ans**
-  1. LK Advani
 -  2. Sharad Pawar
 -  3. Jhulan Goswami
 -  4. Anupam Kher

Q.4 India played its first test match cricket against which of the following countries?

- Ans**
-  1. England
 -  2. West Indies
 -  3. Australia
 -  4. New Zealand

Q.5 In a Parliamentary system, who among the following is known as the head of the Government?

- Ans**
-  1. Chief Justice
 -  2. President
 -  3. Prime Minister
 -  4. Chief Minister

Q.6 What is the main objective of zero-based budgeting?

- Ans**
- ☐ 1. Examining the objectives for which funds are provided
 - ☐ 2. Establishing a relationship between inputs and outputs
 - ☒ 3. Re-evaluation of all the activities every year when budget provisions are made
 - ☐ 4. To assess the effectiveness of each programme and activity with the output

Q.7 Pakhu Itu dance is performed by the Apatani tribe of which of the following states?

- Ans**
- ☐ 1. Chhattisgarh
 - ☒ 2. Arunachal Pradesh
 - ☐ 3. Assam
 - ☐ 4. Himachal Pradesh

Q.8 Which of the following places in India receive the highest rainfall?

- Ans**
- ☐ 1. Guwahati
 - ☒ 2. Mawsynram
 - ☐ 3. Imphal
 - ☐ 4. Patna

Q.9 The duration of bouts in each round of the International Boxing Association (AIBA Open Boxing) match for Elite and Youth Men's and Women's Competitions should be _____.

- Ans**
- ☐ 1. 5 minutes
 - ☐ 2. 4 minutes
 - ☐ 3. 2 minutes
 - ☒ 4. 3 minutes

**Q.10 Find the odd one out.
Vacuoles, Nucleus, Ribosomes, Lysosomes**

- Ans**
- ☐ 1. Vacuoles
 - ☐ 2. Nucleus
 - ☒ 3. Ribosomes
 - ☐ 4. Lysosomes

Q.11 Who among the following rulers introduced the 'jharokha darshan' in the Mughal dynasty?

- Ans**
- ☐ 1. Aurangzeb
 - ☐ 2. Humayun
 - ☒ 3. Akbar
 - ☐ 4. Shahjahan

Q.12 In which of the following states is the Alpasi Festival celebrated annually, where a holy bath of the deities in the sea is the primary attraction?

- Ans**
- ☒ 1. Kerala
 - ☐ 2. Karnataka
 - ☐ 3. Andhra Pradesh
 - ☐ 4. Telangana

Q.13 The layer made up of unconsolidated rock, dust, soil, etc. that is deposited on a bed rock surface like a blanket is known as:

- Ans**
- ☐ 1. Scree
 - ☐ 2. Protolith
 - ☐ 3. Talus
 - ☒ 4. Regolith

Q.14 What monumental site in India houses Magan Niwas, Hriday Kunj and Vinoba-Mira Kutir?

- Ans**
- ☐ 1. Vinoba Ashram
 - ☒ 2. Sabarmati Ashram
 - ☐ 3. Auroville
 - ☐ 4. Ramchandra Mission

Q.15 In the year 1946, a three-tiered confederation for transfer of power to India was proposed by the _____.

- Ans**
- ☐ 1. Simon Commission
 - ☐ 2. Rowlatt Act
 - ☐ 3. Regulating Act
 - ☒ 4. Cabinet Mission

Q.16 Who is a famous Kuchipudi Dancer to receive Padma Shri in 2001?

- Ans**
- ☒ 1. Sobha Naidu
 - ☐ 2. Padmini
 - ☐ 3. Rekha Raju
 - ☐ 4. Mukti Mohan

Q.17 According to Census 2011 of India, what was the percentage of Christian communities of the total population in India?

- Ans**
- ☐ 1. 1.7%
 - ☐ 2. 0.7%
 - ☒ 3. 2.3%
 - ☐ 4. 0.4%

Q.18 In which year did the Government of India pass the Mahatma Gandhi National Rural Employment Guarantee Act?

- Ans**
- ☐ 1. 2003
 - ☒ 2. 2005
 - ☐ 3. 2001
 - ☐ 4. 1999

Q.19 Which of the following features of the Indian Constitution is taken from the USA's constitution?

- Ans**
- ☐ 1. Parliamentary Privileges
 - ☐ 2. Prerogative Writs
 - ☐ 3. Cabinet System
 - ☒ 4. Removal of Supreme Court Judges

Q.20 In December 2022, the Parliament passed the Energy Conservation (Amendment) Bill, 2022. This bill aims to make use of _____.

- Ans**
- ☐ 1. electric vehicles
 - ☒ 2. non-fossil fuels
 - ☐ 3. subsidy on petrol vehicles
 - ☐ 4. tungsten filament bulbs in houses

Q.21 Match the army officers of the Mauryan empire in column A with the respective salaries given to them in column B.

Column A (Army Officer)

- a. Senapati
- b. Adhvakshas
- c. Mukhvas
- d. Nayka

Column B (Salaries)

- i. 12,000 Pana per annum
- ii. 8,000 Pana per annum
- iii. 4,000 Pana per annum
- iv. 4,8000 Pana per annum

- Ans**
- ☐ 1. a-iii, b-iv, c-i, d-ii
 - ☐ 2. a-iii, b-i, c-iv, d-ii
 - ☐ 3. a-i, b-ii, c-iii, d-iv
 - ☒ 4. a-iv, b-iii, c-ii, d-i

Q.22 Pandit Shiv Kumar Sharma is credited with single-handedly popularising which musical instrument?

- Ans**
- ☐ 1. Sarod
 - ☐ 2. Sitar
 - ☐ 3. Tabla
 - ☒ 4. Santoor

Q.23 When was the National Digital Communications Policy launched in India?

- Ans**
- ☒ 1. 2018
 - ☐ 2. 2016
 - ☐ 3. 2020
 - ☐ 4. 2015

Q.24 What is the maximum amount of home loan the eligible beneficiaries can get under the 'Mo Ghara' scheme launched by the Government of Odisha in May 2023?

- Ans**
- ☐ 1. Upto ₹4 lakh
 - ☒ 2. Upto ₹3 lakh
 - ☐ 3. Upto ₹5.5 lakh
 - ☐ 4. Upto ₹2 lakh

Q.25 Which property of an element is inversely related to its ionisation energy?

- Ans**
- ☐ 1. Electronegativity
 - ☐ 2. Electron affinity
 - ☐ 3. Atomic mass
 - ☒ 4. Atomic radius

Section : **English Language and Comprehension**

Q.1 Select the most appropriate synonym of the given word.
Fast

- Ans**
- ☐ 1. Barely
 - ☒ 2. Quick
 - ☐ 3. Languid
 - ☐ 4. Tardy

Q.2 Select the INCORRECTLY spelt word in the given sentence.

The restaurent's atmosphere was pleasant and inviting.

- Ans**
- ☐ 1. inviting
 - ☐ 2. atmosphere
 - ☐ 3. pleasant
 - ☒ 4. restaurent's

Q.3 Identify the INCORRECTLY spelt word in the following sentence and select its correct spelling from the given options.

The teacher assessed the student's flyer for writing.

- Ans**
- ☒ 1. flair
 - ☐ 2. fire
 - ☐ 3. friar
 - ☐ 4. flare

Q.4 Select the most appropriate synonym of the given word.
Vacant

- Ans**
- ☒ 1. Empty
 - ☐ 2. Full
 - ☐ 3. Popular
 - ☐ 4. Brutal

Q.5 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

I cannot call him directly as I have lost his support.

- Ans**
- ☐ 1. am in character
 - ☐ 2. am in my own light
 - ☐ 3. am quite at sea with him
 - ☒ 4. am out of favour with him

Q.6 Select the most appropriate synonym of the given word.

Sycophant

- Ans**
- ☒ 1. Arrogant
 - ☒ 2. Fawner
 - ☐ 3. Uppity
 - ☐ 4. Independent

Q.7 Select the correct spelling from the given options to fill in the blank.

I hope you will excuse me for doing what is only my duty, although it may appear _____.

- Ans**
- ☒ 1. impertinent
 - ☐ 2. impertaint
 - ☐ 3. impertiant
 - ☐ 4. impertinant

Q.8 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Mithya's remarkable generosity extended to everyone she knew.

- Ans**
- ☐ 1. Cowardice
 - ☐ 2. Awkwardness
 - ☒ 3. Selfishness
 - ☐ 4. Perfection

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

Suman will be fired if she did not complete the delegated target set by her boss.

- Ans**
- ☐ 1. No substitution
 - ☐ 2. if she do not complete the delegated target
 - ☒ 3. if she does not complete the delegated target
 - ☐ 4. if she had not complete the delegated target

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
A famous economist / says that / the government should do more / for create enough jobs.

- Ans**
- ☐ 1. the government should do more
 - ☐ 2. A famous economist
 - ☒ 3. for create enough jobs
 - ☐ 4. says that

Q.11 Select the most appropriate synonym of the word 'Flash' from the given sentence.

My cousin Zara, who loves to explore outer space in her free time, once noticed or observed a disc-shaped object blinking in the sky.

- Ans**
- ☒ 1. blinking
 - ☐ 2. explore
 - ☐ 3. observed
 - ☐ 4. noticed

Q.12 Select the most appropriate option with the correct usage of the preposition to substitute the underlined segment in the given sentence.

The United Nations Educational, Scientific and Cultural Organization (UNESCO) was born during 16 November 1945.

- Ans**
- ☐ 1. was born at 16 November 1945
 - ☒ 2. was born on 16 November 1945
 - ☐ 3. was born by 16 November 1945
 - ☐ 4. was born in 16 November 1945

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
(1) Malini's family (2) doesn't know (3) how she bears out (4) the work pressure.

- Ans**
- ☐ 1. Malini's family
 - ☒ 2. how she bears out
 - ☐ 3. the work pressure.
 - ☐ 4. doesn't know

Q.14 The following sentence has been split into four segments. Identify the segment that contains a grammatical/spelling error.

Jack along with / his family visited / his aunt living / at America.

- Ans**
- ☐ 1. his aunt living
 - ☐ 2. Jack along with
 - ☒ 3. at America
 - ☐ 4. his family visited

Q.15 Select the most appropriate option to fill in the blank.
The Indian Government has launched the National Rural Livelihoods Mission, a _____ programme aimed at reducing rural poverty.

- Ans**
- ☐ 1. controversial
 - ☒ 2. flagship
 - ☐ 3. designer
 - ☐ 4. regressive

Q.16 Select the most appropriate meaning of the given idiom.
Burn the midnight oil

- Ans**
- ☐ 1. To sleep early
 - ☐ 2. To set things on fire
 - ☒ 3. To work late into the night
 - ☐ 4. To waste time

Q.17 Select the most appropriate option to fill in the blank.

The athlete's performance was _____, earning him a standing ovation.

- Ans**
- ☐ 1. moderate
 - ☐ 2. mediocre
 - ☒ 3. exceptional
 - ☐ 4. average

Q.18 Select the most appropriate option to fill in the blanks.

_____ architect designed _____ modern office building and _____ traditional residential home, showcasing _____ blend of contemporary and classic architectural styles.

- Ans**
- ☐ 1. An; a; an; a
 - ☒ 2. An; a; a; a
 - ☐ 3. An; a; a; an
 - ☐ 4. A; a; an; a

Q.19 Select the option that can be used as a one-word substitute for the given group of words.
A short stay at a place.

- Ans**
- ☐ 1. Topiary
 - ☒ 2. Sojourn
 - ☐ 3. Embargo
 - ☐ 4. Xenophobe

Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
His skills in programming / are more superior than / most developers / in the company.

- Ans**
- ☒ 1. His skills in programming
 - ☒ 2. in the company
 - ☒ 3. are more superior than
 - ☒ 4. most developers

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day we saw Kala Nag. The monsoons had burst with all their fury, and it had rained in the night. The earth, which had lain parched and dry under the withering heat of the summer sun, was teeming ____1____ life. In little pools, frogs croaked. The muddy ground was littered with ____2____ worms, centipedes and velvety lady-birds. Grass ____3____ begun to show and the banana leaves glistened bright and glossy green. The ____4____ had flooded Kala Nag's hole. He sat in an open patch on the lawn. His shiny black hood glistened in the sunlight. He was big, almost six feet in ____5____ and rounded and fleshy, as my wrist. "Looks like a King Cobra. Let's get him."

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. in
 - ☒ 2. before
 - ☒ 3. with
 - ☒ 4. at

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day we saw Kala Nag. The monsoons had burst with all their fury, and it had rained in the night. The earth, which had lain parched and dry under the withering heat of the summer sun, was teeming ____1____ life. In little pools, frogs croaked. The muddy ground was littered with ____2____ worms, centipedes and velvety lady-birds. Grass ____3____ begun to show and the banana leaves glistened bright and glossy green. The ____4____ had flooded Kala Nag's hole. He sat in an open patch on the lawn. His shiny black hood glistened in the sunlight. He was big, almost six feet in ____5____ and rounded and fleshy, as my wrist. "Looks like a King Cobra. Let's get him."

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. crawling
 - ☒ 2. reading
 - ☒ 3. talking
 - ☒ 4. singing

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day we saw Kala Nag. The monsoons had burst with all their fury, and it had rained in the night. The earth, which had lain parched and dry under the withering heat of the summer sun, was teeming ____1____ life. In little pools, frogs croaked. The muddy ground was littered with ____2____ worms, centipedes and velvety lady-birds. Grass ____3____ begun to show and the banana leaves glistened bright and glossy green. The ____4____ had flooded Kala Nag's hole. He sat in an open patch on the lawn. His shiny black hood glistened in the sunlight. He was big, almost six feet in ____5____ and rounded and fleshy, as my wrist. "Looks like a King Cobra. Let's get him."

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. was
 - ☒ 2. is
 - ☒ 3. will
 - ☒ 4. had

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day we saw Kala Nag. The monsoons had burst with all their fury, and it had rained in the night. The earth, which had lain parched and dry under the withering heat of the summer sun, was teeming ____1____ life. In little pools, frogs croaked. The muddy ground was littered with ____2____ worms, centipedes and velvety lady-birds. Grass ____3____ begun to show and the banana leaves glistened bright and glossy green. The ____4____ had flooded Kala Nag's hole. He sat in an open patch on the lawn. His shiny black hood glistened in the sunlight. He was big, almost six feet in ____5____ and rounded and fleshy, as my wrist. "Looks like a King Cobra. Let's get him."

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
-  1. heat
 -  2. snow
 -  3. rain
 -  4. clouds

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

One day we saw Kala Nag. The monsoons had burst with all their fury, and it had rained in the night. The earth, which had lain parched and dry under the withering heat of the summer sun, was teeming ____1____ life. In little pools, frogs croaked. The muddy ground was littered with ____2____ worms, centipedes and velvety lady-birds. Grass ____3____ begun to show and the banana leaves glistened bright and glossy green. The ____4____ had flooded Kala Nag's hole. He sat in an open patch on the lawn. His shiny black hood glistened in the sunlight. He was big, almost six feet in ____5____ and rounded and fleshy, as my wrist. "Looks like a King Cobra. Let's get him."

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. circles
 -  2. length
 -  3. weight
 -  4. looks

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	09/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 The cost of a raw material increased with equal percentage in two years. The price increased to ₹145.20 from ₹120. What is the equal annual percentage increase?

- Ans**
- ☐ 1. 11.5%
 - ☐ 2. 10.5%
 - ☐ 3. 11%
 - ☒ 4. 10%

Q.2 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 65 kg and 37 kg is:

- Ans**
- ☒ 1. 49.4
 - ☐ 2. 48.4
 - ☐ 3. 51.4
 - ☐ 4. 50.4

Q.3 A train is moving in from north to south direction. It overtakes Raj and Madhur who are walking in the same direction at the rate of 2 km/h and 4 km/h in 9 sec and 10 sec, respectively. If the train is x metres long, find the value of x.

- Ans**
- ☐ 1. 30
 - ☒ 2. 50
 - ☐ 3. 90
 - ☐ 4. 70

Q.4 For 8 innings, a cricketer has an average of 68 runs. In the ninth inning, he scores 220 runs. His average score increased by (rounded off to the nearest whole number):

- Ans**
- ☐ 1. 61
 - ☐ 2. 85
 - ☒ 3. 17
 - ☐ 4. 23

Q.5 A solution of phenyl and water is 28 litres, with phenyl and water in ratio 4 : 3. 21 litres phenyl-water solution which has phenyl to water ratio as 2 : 1 is added to the 28 litres phenyl-water solution. Again 51 litres phenyl-water solution that has phenyl to water ratio as 9 : 8 is added to this. What is ratio of water to phenyl in the final mixture?

- Ans**
- ☐ 1. 59 : 41
 - ☐ 2. 41 : 59
 - ☐ 3. 57 : 43
 - ☒ 4. 43 : 57

Q.6

Study the following table and answer the question that follows.

Centre and post-wise number of candidates

Centre	Clerk	Officer	Field Officer	Supervisor	Field Supervisor
Delhi	50	20	50	20	70
Mumbai	170	15	25	30	60
Kolkata	195	17	70	50	80
Chennai	200	13	30	60	90
Lucknow	153	14	40	20	40
Patna	110	11	20	40	30

Which centre has the least number of candidates?

- Ans ☒ 1. Delhi
☒ 2. Patna
☒ 3. Mumbai
☒ 4. Lucknow

Q.7 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 9% per year rate of interest for 6 years.

- Ans ☒ 1. 1580
☒ 2. 1560
☒ 3. 1660
☒ 4. 1620

Q.8 A specific amount of money is loaned out at a simple interest rate, resulting in ₹15,000 in 2 years and ₹20,000 in 4 years. The rate percentage per annum is:

- Ans ☒ 1. 20%
☒ 2. 25%
☒ 3. 18%
☒ 4. 15%

Q.9 A rectangular sheet of length 28 cm and breadth 16 cm is folded to meet the edges so that it is made into a cylindrical pipe in two possible ways – one along the length and the other along the breadth. The larger volume is how much percentage of smaller volume?

- Ans ☒ 1. 185%
☒ 2. 175%
☒ 3. 180%
☒ 4. 165%

Q.10 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 8% per year rate of interest for 2 years.

- Ans ☒ 1. 320
☒ 2. 260
☒ 3. 360
☒ 4. 280

Q.11 The dimensions of a room are 1650 cm × 1350 cm × 900 cm. What should be the size of the longest tape with which the three dimensions can be measured exactly?

- Ans ☒ 1. 200 cm
☒ 2. 150 cm
☒ 3. 250 cm
☒ 4. 300 cm

Q.12 A dozen oranges cost ₹96, 2 dozen apples cost ₹240 and 4 pineapples costs ₹180. What is the average cost (in ₹) per piece?

- Ans**
- ☐ 1. 16.2
 - ☒ 2. 12.9
 - ☐ 3. 12.6
 - ☐ 4. 19.2

Q.13 Each of the two merchants sell an article for ₹1,000. If Merchant A computes his profit on the cost price, while Merchant B computes his profit on the selling price, then they both end up making profits of 25%. By how much is the profit made by Merchant B more than that of Merchant A?

- Ans**
- ☐ 1. ₹35
 - ☐ 2. ₹40
 - ☒ 3. ₹50
 - ☐ 4. ₹45

Q.14 A merchant gives 800 g instead of 1000 g to a customer. What is the merchant's percentage profit?

- Ans**
- ☐ 1. 10%
 - ☐ 2. 20%
 - ☐ 3. 15%
 - ☒ 4. 25%

Q.15 A shopkeeper bought 10 dozen eggs at the rate of ₹5 per egg. 12 eggs broke in transit. He sold the remaining eggs at the rate of ₹6 per egg. Find his profit percentage.

- Ans**
- ☒ 1. 8%
 - ☐ 2. 15%
 - ☐ 3. 10%
 - ☐ 4. 20%

Q.16 The speed of a boat in still water is 8 km/h, while it takes 2 hours for the boat to cover a distance of 20 km downstream. What is the speed (in km/h) of the stream?

- Ans**
- ☐ 1. 2.5
 - ☒ 2. 2
 - ☐ 3. 1.75
 - ☐ 4. 1.5

Q.17 A conical tent is to accommodate 12 persons. Each person must have 5 m² of the space on the ground and 20 m³ of air to breathe. The height of the tent should be:

- Ans**
- ☐ 1. 13 m
 - ☐ 2. 12.5 m
 - ☐ 3. 22 m
 - ☒ 4. 12 m

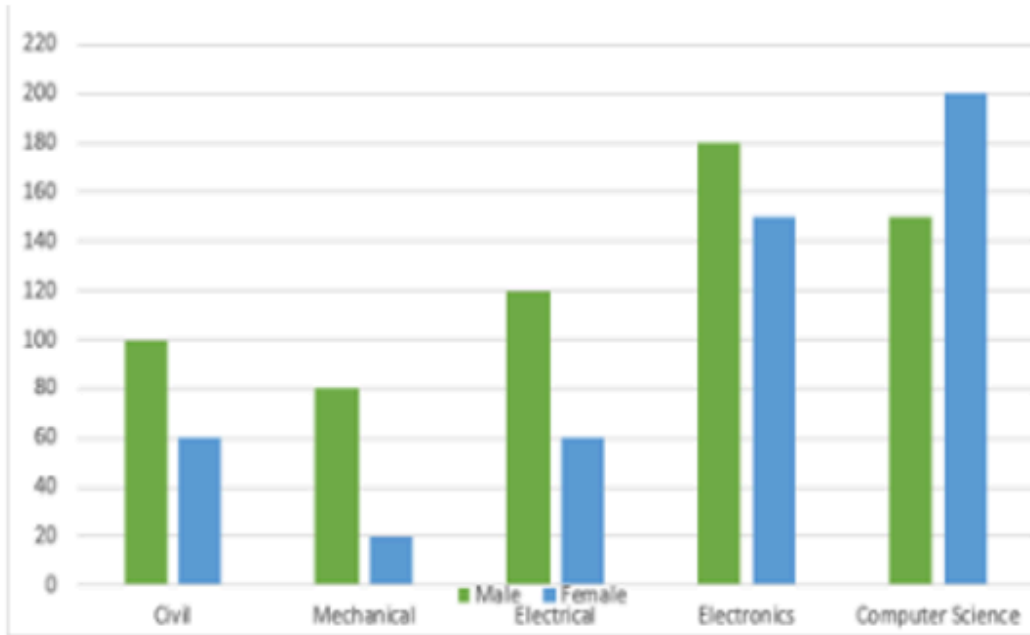
Q.18 Calculate the amount of liquid (in litres) that can be filled into a hemispherical pot having radius 21 cm. (Take $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 22.500
 - ☒ 2. 19.404
 - ☐ 3. 21.404
 - ☐ 4. 20.500

Q.19

The bar-graph shows the number of students from different branches of an engineering college.

Study the given bar-graph and answer the question that follows.



Which branch has a minimum ratio of males to females?

- Ans
- ☒ 1. Electrical
 - ☒ 2. Civil
 - ☒ 3. Computer Science
 - ☒ 4. Mechanical

Q.20 Arrange the following ratios in descending order:

3 : 2, 4 : 3, 5 : 6, 1 : 5

- Ans
- ☒ 1. 1 : 5 > 5 : 6 > 4 : 3 > 3 : 2
 - ☒ 2. 6 : 5 > 4 : 3 > 3 : 2 > 1 : 5
 - ☒ 3. 3 : 2 > 4 : 3 > 5 : 6 > 1 : 5
 - ☒ 4. 5 : 6 > 4 : 3 > 3 : 2 > 1 : 5

Section : Reasoning Ability and Problem Solving

Q.1 A, B, C, D, E, F and G are sitting around a circular table facing away from the centre (but not necessarily in the same order). Only 3 people sit between D and F when counted from the right of D. E and G are both immediate neighbours of A. B sits immediately to the left of C. Only 1 person sits between B and G when counted from the right of G. What is the position of E with respect to B?

- Ans
- ☒ 1. Second to the left
 - ☒ 2. Second to the right
 - ☒ 3. Third to the right
 - ☒ 4. Third to the left

Q.2 SK -1 is related to OO 3 in a certain way. In the same way, IA 2 is related to EE 6. To which of the following is EO 5 related, following the same logic?

- Ans
- ☒ 1. AT 9
 - ☒ 2. AS 1
 - ☒ 3. AS 9
 - ☒ 4. AS -1

Q.3 What should come in place of the question mark (?) in the given series?

1, 2, 5, 12, ?, 58, 121

- Ans**
- ☐ 1. 15
 - ☐ 2. 20
 - ☐ 3. 25
 - ☒ 4. 27

Q.4 What will come in the place of '?' in the following equation, if '×' and '−' are interchanged and '+' and '÷' are interchanged?
 $16 - 66 + 6 \times 26 \div 36 = ?$

- Ans**
- ☐ 1. 204
 - ☐ 2. 166
 - ☐ 3. 241
 - ☒ 4. 186

Q.5 7 is related to 33 following a certain logic. Following the same logic, 9 is related to 41. To which of the following is 14 related following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 56
 - ☐ 2. 67
 - ☐ 3. 65
 - ☒ 4. 61

Q.6 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order) . Only two people sit between F and C when counted from the right of F. Only three people sit between B and G when counted from the right of G. C sits to the immediate right of G. D sits to the immediate right of A. Who sits fourth to the right of E?

- Ans**
- ☐ 1. F
 - ☒ 2. D
 - ☐ 3. A
 - ☐ 4. G

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

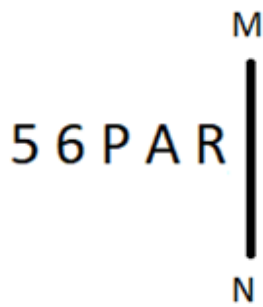
All sharks are whales.
No whale is a dolphin.

Conclusions:

(I) No shark is a dolphin.
(II) No dolphin is a whale.

- Ans**
- ☒ 1. Both conclusions I and II follow.
 - ☐ 2. Only conclusion I follows.
 - ☐ 3. Only conclusion II follows.
 - ☐ 4. Neither conclusion I nor II follows.

Q.8 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

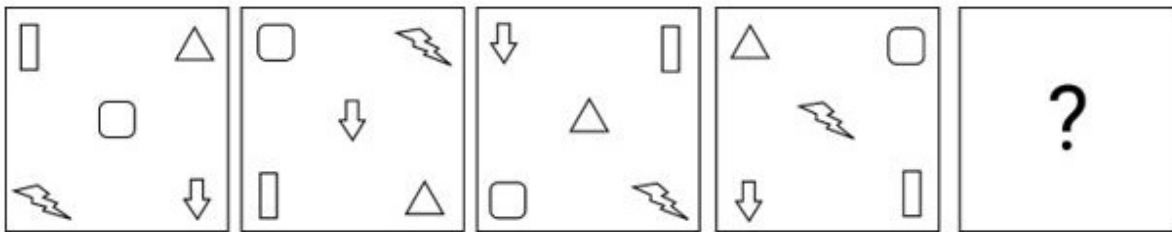


- Ans
- ✓ 1. R A 9 6 5
 - ✗ 2. R A 9 6 5
 - ✗ 3. R A 6 P 5
 - ✗ 4. R A P 9 5

Q.9 In a certain code language, 'DEVICE' is coded as 'EDWHDD' and 'DENIAL' is coded as 'EDOHBK'. How will 'DEMAND' be coded in the same language?

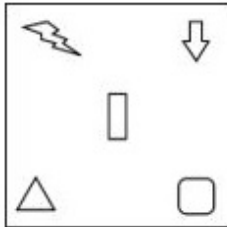
- Ans
- ✗ 1. EDLZMC
 - ✗ 2. EDNBOC
 - ✓ 3. EDNZOC
 - ✗ 4. EDNBMC

Q.10 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.

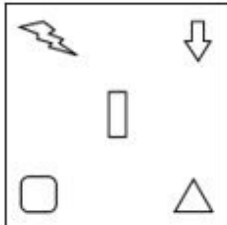


Ans

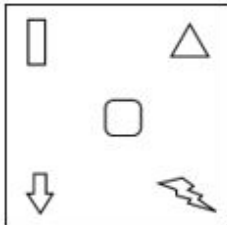
✓ 1.



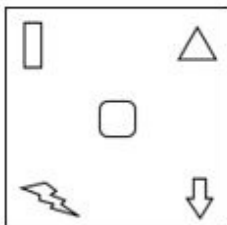
✗ 2.



✗ 3.



✗ 4.



Q.11 In a code language, 'RAM' is written as 'Q14' and 'CAR' is written as 'B19'. How will 'MARK' be written in that language?

- Ans
- ✗ 1. L26
 - ✓ 2. L30
 - ✗ 3. M30
 - ✗ 4. M29

Q.12 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

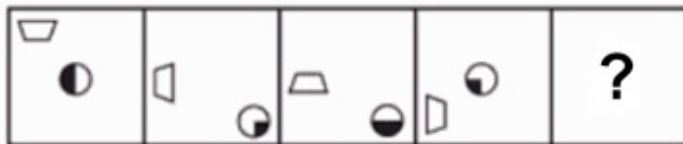
CVF, GTJ, KRN, ?, SNV

- Ans
- ✗ 1. PRO
 - ✗ 2. ROQ
 - ✗ 3. OPS
 - ✓ 4. OPR

Q.13 In a certain code language, 'GIRL' is coded as '3618' and 'ROAD' is coded as '7462'. What is the code for 'R' in the given code language?

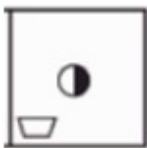
- Ans
- ✗ 1. 1
 - ✓ 2. 6
 - ✗ 3. 8
 - ✗ 4. 3

Q.14 Select the figure that will come next in the following figure series.



Ans

✓ 1.



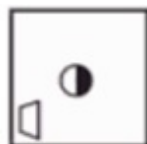
✗ 2.



✗ 3.



✗ 4.



Q.15 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$12 \div 2 \times 6 - 11 + 12 = ?$$

Ans

✓ 1. 3

✗ 2. 6

✗ 3. 9

✗ 4. 5

Q.16 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some herbs are trees.

Some trees are plants.

Conclusions:

(I) Some herbs are plants.

(II) At least some trees are herbs.

Ans

✗ 1. Both conclusion I and II follow

✗ 2. Only conclusion I follows

✗ 3. Neither conclusion I nor II follows

✓ 4. Only conclusion II follows

Q.17 In a certain code language, 'can you swim' is coded as 'MQ TO LO' and 'He can drive' is coded as 'LO AB PQ'. How is 'can' coded in that code language?

Ans

✗ 1. TO

✓ 2. LO

✗ 3. MQ

✗ 4. AB

Q.18 AB10 is related to CD29 in a certain way. In the same way, KL65 is related to MN84. To which of the following is UV25 related, following the same logic?

Ans

✗ 1. ZX45

✓ 2. WX44

✗ 3. ZX44

✗ 4. WX45

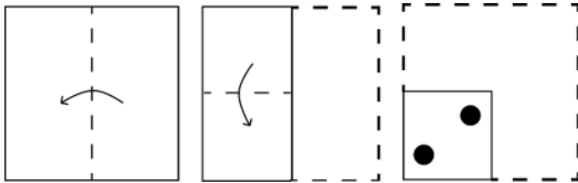
Q.19 Select the set in which the numbers are related in the same way as are the numbers of the given sets.
 (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(29, 77)

(24, 62)

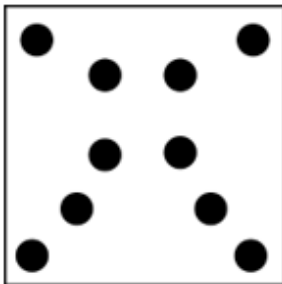
- Ans
- ✓ 1. (19, 47)
 - ✗ 2. (31, 93)
 - ✗ 3. (26, 88)
 - ✗ 4. (22, 86)

Q.20 A square sheet of paper is folded along the dotted line successively along the directions shown and is then punched in the last. How would the paper look when unfolded?



Ans

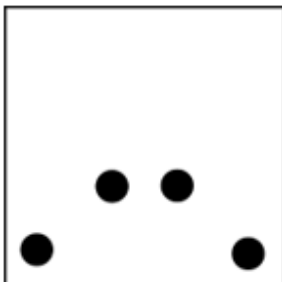
✗ 1.



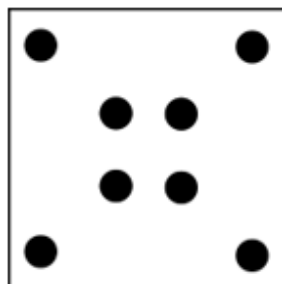
✗ 2.



✗ 3.



✓ 4.



Q.1	Vinod Mankara's documentary 'Mohiniyattathinte Amma' is based on which of the following world renowned Mohiniyattam dancers?
Ans	 1. Jayaprabha Menon  2. Kalamandalam Kalyanikutty  3. P Madhuri  4. Sunanda Nair
Q.2	Who among the following was sent by Akbar to lead the Mughal army in the Battle of Haldighati which was fought in 1576?
Ans	 1. Raja Man Singh  2. Raja Maharana Pratap  3. Raja Todarmal  4. Raja Medini Rai
Q.3	In October 2023, Indrasena Reddy Nallu has been appointed the Governor of which of the following states in India?
Ans	 1. Goa  2. Assam  3. Tripura  4. Kerala
Q.4	According to the Census of India 2011, which states of India have population density more than 1000 persons per sq. km?
Ans	 1. Madhya Pradesh and Maharashtra  2. Bihar and West Bengal  3. Kerala and Tamil Nadu  4. Uttar Pradesh and Haryana
Q.5	In 2022, Arjun Singh Dhurve was honoured with the Padma Shri Award for his contribution in which of the following Indian folk-dance forms?
Ans	 1. Bihu  2. Laho  3. Chhau  4. Baiga
Q.6	Who among the following launched the Home Rule League in September 1916 at Madras?
Ans	 1. Rash Behari Bose  2. Lokmanya Tilak  3. Sucheta Kriplani  4. Annie Besant
Q.7	The Quwwat-ul-Islam Mosque was constructed in around 1197 AD by the sultan of which of the following dynasties of Delhi Sultanate?
Ans	 1. Tughlaq  2. Lodhi  3. Mamluk  4. Khalji
Q.8	Krishnarao Shankar Pandit belonged to which of the following music gharanas?
Ans	 1. Mewati gharana  2. Atrauli gharana  3. Gwalior gharana  4. Agra gharana
Q.9	A 5% decrease in poverty by 2007 was one of main objectives of the _____ plan.
Ans	 1. Seventh Five-Year Plan (1985-90)  2. Tenth Year Plan (2002-2007)  3. Fourth Five-Year Plan (1966-1974)  4. Ninth Five-Year Plan (1997-2002)

Q.10 Identify the INCORRECT pair (State and Iron-ore producing region) from the following.

- Ans**
- ☒ 1. Madhya Pradesh - Ratnagiri
 - ☐ 2. Chhattisgarh - Bailadila
 - ☐ 3. Odisha - Badampahar
 - ☐ 4. Karnataka - Kudremukh

Q.11 If the tax rate increases with the taxable base, then this type of taxation is called:

- Ans**
- ☒ 1. progressive
 - ☐ 2. digressive
 - ☐ 3. regressive
 - ☐ 4. proportional

Q.12 _____ is mainly celebrated by Maharashtrians as New Year's Day.

- Ans**
- ☐ 1. Ugadi
 - ☒ 2. Gudi Padwa
 - ☐ 3. Pongal
 - ☐ 4. Bihu

Q.13 Which state finished second in the first edition of the Khelo India Para Games?

- Ans**
- ☐ 1. Madhya Pradesh
 - ☐ 2. Rajasthan
 - ☒ 3. Uttar Pradesh
 - ☐ 4. Haryana

Q.14 According to Newland's Law of Octaves, every eighth element has properties similar to those of the first element. Which of the following elements has properties similar to those of N?

- Ans**
- ☐ 1. Al
 - ☒ 2. P
 - ☐ 3. B
 - ☐ 4. S

Q.15 Select the INCORRECT statement.

- Ans**
- ☐ 1. Functional segments of DNA are called genes.
 - ☒ 2. Chromosomes are composed of DNA and carbohydrates.
 - ☐ 3. The chromatin material gets organised into rod-shaped chromosomes only when the cell is about to divide.
 - ☐ 4. DNA molecules contain the information necessary for constructing and organising cells.

Q.16 Which of the following is the National waterway no. 4 in India?

- Ans**
- ☐ 1. The Ganga River between Allahabad-Haldia
 - ☐ 2. Mahanadi and Brahmani rivers and East Coast Canal
 - ☐ 3. The Brahmaputra river between Sadiya and Dhubri
 - ☒ 4. Godavari and Krishna rivers along with Kakinada Puducherry

Q.17 The microscopic channels, which traverse the cell walls of plant cells and some algal cells, enabling transport and communication between them is called:

- Ans**
- ☒ 1. plasmodesmata
 - ☐ 2. ribosomes
 - ☐ 3. lysosomes
 - ☐ 4. desmosomes

Q.18 Which Fundamental Right guarantees protection of interests of the minorities in the matter of their language, script or culture?

- Ans**
- ☐ 1. Right against Exploitation
 - ☐ 2. Right to Equality
 - ☒ 3. Cultural and Educational Rights
 - ☐ 4. Right to Freedom

Q.19 Usain Bolt shared the journey of his life in which of the following autobiographies?

- Ans**
- ☐ 1. Race of My Life
 - ☒ 2. Faster Than Lightning
 - ☐ 3. Running for My Life
 - ☐ 4. Let Your Mind Run

Q.20 Tax, known as **bhaga**, was levied on which of the following during Mahajanapada period of Ancient India?

- Ans**
- ☐ 1. Tax on merchants
 - ☒ 2. Tax on cultivators
 - ☐ 3. Tax on cattle breeders
 - ☐ 4. Tax on artisans

Q.21 Who among the following was the founder of Indian Association in Bengal?

- Ans**
- ☐ 1. Chittaranjan Das
 - ☐ 2. P Ananda Charlu
 - ☐ 3. Rash Behari Bose
 - ☒ 4. Surendra Nath Banerjee

Q.22 Select the odd one from the following saltwater lakes on the basis of their formation?

- Ans**
- ☐ 1. Pulicat lake
 - ☒ 2. Sambhar lake
 - ☐ 3. Chilika lake
 - ☐ 4. Kolleru lake

Q.23 The Irani Cup is a first-class cricket competition played between the winner of the Ranji Trophy and which other team?

- Ans**
- ☒ 1. Rest of India
 - ☐ 2. India B
 - ☐ 3. Board President's XI
 - ☐ 4. India A

Q.24 As of February 2024, who among the following is the Deputy Chairman of Rajya Sabha?

- Ans**
- ☐ 1. Dharmendra Pradhan
 - ☐ 2. Jagat Prakash Nadda
 - ☒ 3. Harivansh Narayan Singh
 - ☐ 4. Prakash Javadekar

Q.25 Which executive system is present in India?

- Ans**
- ☐ 1. Presidential System
 - ☐ 2. Collegiate System
 - ☒ 3. Parliamentary System
 - ☐ 4. Both Parliamentary and Presidential System

Section : **English Language and Comprehension**

Q.1 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

He will be / waiting for me when / I reaches his home.

- Ans**
- ☐ 1. waiting for me when
 - ☐ 2. He will be
 - ☒ 3. I reaches his home.
 - ☐ 4. No error

Q.2 Select the most appropriate option to fill in the blank.

The pencil has a tip made of _____.

- Ans**
- ☒ 1. lead
 - ☐ 2. led
 - ☐ 3. steal
 - ☐ 4. lewd

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Manish has being applying / for colleges / ever since he passed / his entrance test in March.

- Ans**
- ☐ 1. ever since he passed
 - ☐ 2. his entrance test in March
 - ☐ 3. for colleges
 - ☒ 4. manish has being applying

Q.4 Select the most appropriate ANTONYM of the given word.

Gracious

- Ans**
- ☐ 1. Keen
 - ☐ 2. Lonely
 - ☒ 3. Rude
 - ☐ 4. Mythical

Q.5 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Celebrate
 - ☒ 2. Entertenment
 - ☐ 3. Outburst
 - ☐ 4. Conscious

Q.6 Select the option that rectifies the spelling error in the following sentence.

The poet was able to compose the long poem in a tranquill atmosphere.

- Ans**
- ☐ 1. trancuel
 - ☐ 2. trankwil
 - ☒ 3. tranquil
 - ☐ 4. tranquel

Q.7 Select the most appropriate verb form to fill in the blank in the given sentence.

She _____ her keys on the kitchen counter.

- Ans**
- ☐ 1. lays
 - ☐ 2. lying
 - ☒ 3. laid
 - ☐ 4. lain

Q.8 Select the most appropriate degree of comparison to fill in the blank.

The underground railway network, 'The Tube' in London is said to be _____ transport in London.

- Ans**
- ☒ 1. the most expensive
 - ☐ 2. the expensive
 - ☐ 3. expensive
 - ☐ 4. more expensive

Q.9 Select the most appropriate meaning of the given idiom.

All in the same boat

- Ans**
- ☒ 1. When everyone is dealing with the same situation
 - ☐ 2. When a task can be accomplished together
 - ☐ 3. When everybody is travelling in the same vehicle
 - ☐ 4. When everyone has to start all over again

Q.10 Select the option with the correct spelling to replace the underlined word in the given sentence.
Self-esteem is an important aspekt of one's self.

- Ans**
- ☒ 1. aspect
 - ☐ 2. aspikt
 - ☐ 3. aaspet
 - ☐ 4. aspet

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The new/ smartphone is/absolutely best than/ the latest model.

- Ans**
- ☐ 1. smartphone is
 - ☐ 2. the latest model
 - ☒ 3. absolutely best than
 - ☐ 4. The new

Q.12 Select the most appropriate ANTONYM of the given word.

jeopardy

- Ans**
- ☐ 1. silence
 - ☒ 2. safety
 - ☐ 3. mighty
 - ☐ 4. strict

Q.13 Select the most appropriate option to fill in the blank.

The manager swiftly overtook him, _____ effortlessly past the skinny Englishman, with a practiced ease.

- Ans**
- ☐ 1. dawdling
 - ☐ 2. kindling
 - ☒ 3. sliding
 - ☐ 4. rendering

Q.14 Select the most appropriate ANTONYM of the underlined word in the given sentence.

He is habituated to using words spoken with an unusual amount of venom when it comes to his in-laws.

- Ans**
- ☒ 1. benevolence
 - ☐ 2. ambiguousness
 - ☐ 3. satire
 - ☐ 4. irony

Q.15 Select the most appropriate meaning of the underlined phrase.

Jared deliberately set fire to a property and got arrested by the police.

- Ans**
- ☐ 1. Insomnia
 - ☐ 2. Dystrophy
 - ☒ 3. Arson
 - ☐ 4. Dementia

Q.16 Based on the situation in the given sentence, select the most appropriate idiom for the underlined segment.
There are several people who find themselves a dominating person in a group

- Ans**
- ☐ 1. A bone of contention
 - ☐ 2. A white elephant
 - ☒ 3. Cock of the walk
 - ☐ 4. A man of his words

Q.17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The brave and courageous soldiers / of our motherland / fell into the enemy / and won the battle.

- Ans**
- ☐ 1. and won the battle
 - ☒ 2. fell into the enemy
 - ☐ 3. of our motherland
 - ☐ 4. The brave and courageous soldiers

Q.18 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The keys were lies on the table.

- Ans**
- ☒ 1. lying on the table
 - ☐ 2. No substitution required
 - ☐ 3. lie on the table
 - ☐ 4. lay on the table

Q.19 Select the most appropriate option to fill in the blanks.

Whenever addressed, she comes ____ and performs her ____ in a great way.

- Ans**
- ☐ 1. fourth, role
 - ☐ 2. forth, roll
 - ☒ 3. forth, role
 - ☐ 4. fourth, roll

Q.20 Select the most appropriate option to fill in the blank.

The success and achievements of a school mostly _____ on its experience and resourcefulness.

- Ans**
- ☐ 1. begin
 - ☐ 2. credit
 - ☐ 3. achieve
 - ☒ 4. depend

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

He knew everyone on the island. Whenever his car stopped, half a dozen voices ____ 1 ____ shout out his name. Policemen, agricultural labourers of low social status and priests waved and smiled ____ 2 ____ he passed; everyone greeted him as a brother. They respected his honesty, and belligerence, and above all, they adored his typically Greek scorn and fearlessness when dealing with any ____ 3 ____ of Governmental red tape. On arrival, two of our cases containing linen and other things had been ____ 4 ____ by the Customs on the curious ground that they were merchandise. So, when we moved out to the villa and the problem of bed linen arose, Mother told Spiro ____ 5 ____ our cases in the Customs and asked for his advice.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. would
 - ☐ 2. could
 - ☐ 3. should
 - ☐ 4. can

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

He knew everyone on the island. Whenever his car stopped, half a dozen voices ____ 1 ____ shout out his name. Policemen, agricultural labourers of low social status and priests waved and smiled ____ 2 ____ he passed; everyone greeted him as a brother. They respected his honesty, and belligerence, and above all, they adored his typically Greek scorn and fearlessness when dealing with any ____ 3 ____ of Governmental red tape. On arrival, two of our cases containing linen and other things had been ____ 4 ____ by the Customs on the curious ground that they were merchandise. So, when we moved out to the villa and the problem of bed linen arose, Mother told Spiro ____ 5 ____ our cases in the Customs and asked for his advice.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. as
 - ☐ 2. nor
 - ☐ 3. so
 - ☐ 4. thus

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

He knew everyone on the island. Whenever his car stopped, half a dozen voices ____ 1 ____ shout out his name. Policemen, agricultural labourers of low social status and priests waved and smiled ____ 2 ____ he passed; everyone greeted him as a brother. They respected his honesty, and belligerence, and above all, they adored his typically Greek scorn and fearlessness when dealing with any ____ 3 ____ of Governmental red tape. On arrival, two of our cases containing linen and other things had been ____ 4 ____ by the Customs on the curious ground that they were merchandise. So, when we moved out to the villa and the problem of bed linen arose, Mother told Spiro ____ 5 ____ our cases in the Customs and asked for his advice.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. forum
 - ☐ 2. farm
 - ☒ 3. form
 - ☐ 4. from

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

He knew everyone on the island. Whenever his car stopped, half a dozen voices ____ 1 ____ shout out his name. Policemen, agricultural labourers of low social status and priests waved and smiled ____ 2 ____ he passed; everyone greeted him as a brother. They respected his honesty, and belligerence, and above all, they adored his typically Greek scorn and fearlessness when dealing with any ____ 3 ____ of Governmental red tape. On arrival, two of our cases containing linen and other things had been ____ 4 ____ by the Customs on the curious ground that they were merchandise. So, when we moved out to the villa and the problem of bed linen arose, Mother told Spiro ____ 5 ____ our cases in the Customs and asked for his advice.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. contributed
 - ☐ 2. collected
 - ☒ 3. confiscated
 - ☐ 4. concealed

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

He knew everyone on the island. Whenever his car stopped, half a dozen voices ____ 1 ____ shout out his name. Policemen, agricultural labourers of low social status and priests waved and smiled ____ 2 ____ he passed; everyone greeted him as a brother. They respected his honesty, and belligerence, and above all, they adored his typically Greek scorn and fearlessness when dealing with any ____ 3 ____ of Governmental red tape. On arrival, two of our cases containing linen and other things had been ____ 4 ____ by the Customs on the curious ground that they were merchandise. So, when we moved out to the villa and the problem of bed linen arose, Mother told Spiro ____ 5 ____ our cases in the Customs and asked for his advice.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. behind
 - ☐ 2. from
 - ☐ 3. within
 - ☒ 4. about

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	14/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 If two numbers are 6.25% and 25% more than a third number, respectively, then the first number is how much per cent of the second number?

- Ans
- ☒ 1. 85%
 - ☐ 2. 80%
 - ☐ 3. 90%
 - ☐ 4. 95%

Q.2 A boat can travel at a speed of 28 km/h in still water. If the speed of the stream is 4 km/h, what is the average speed (in km/h) of the boat if it travels 192 km downstream, stops there for one hour and then returns to the starting point?

- Ans
- ☐ 1. 28.5
 - ☒ 2. 25.6
 - ☐ 3. 36.5
 - ☐ 4. 24.8

Q.3 A dishonest dealer professes to sell his goods at cost price but uses a false weight and thus gains 15%. For a kilogram he uses a weight of ____ grams.

- Ans
- ☐ 1. 930.43
 - ☒ 2. 869.57
 - ☐ 3. 830.43
 - ☐ 4. 1130.43

Q.4 Two trains of lengths 125 m and 175 m respectively are running in the same direction at 40 km/h and 22 km/h respectively. How much time will they take to pass each other completely?

- Ans
- ☐ 1. $12\frac{4}{5}$ sec
 - ☐ 2. 55sec
 - ☐ 3. 50sec
 - ☒ 4. 1min

Q.5 The LCM of two numbers is 224. Find the smaller number if the ratio of the numbers is 7 : 8.

- Ans
- ☐ 1. 4
 - ☒ 2. 28
 - ☐ 3. 24
 - ☐ 4. 32

Q.6 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 6% per year rate of interest for 3 years.

- Ans
- ☐ 1. 670
 - ☒ 2. 630
 - ☐ 3. 590
 - ☐ 4. 570

Q.7 In a school, the average salary of 12 teachers was ₹71,400. If the average salary of the teachers, principal and vice principal was ₹89,500, then what was the average salary of the principal and vice principal (in ₹)?

- Ans**
- ☐ 1. 1,76,800
 - ☐ 2. 1,18,900
 - ☐ 3. 2,11,000
 - ☒ 4. 1,98,100

Q.8 Find the average of the prime numbers lying between 68 and 91.

- Ans**
- ☒ 1. 79
 - ☐ 2. 78
 - ☐ 3. 76
 - ☐ 4. 77

Q.9 A mixture contains 8 kg of tea costing ₹295 per kilogram and 10 kg of tea costing ₹250 per kilogram. The average price per kilogram (in ₹) of the mixture is:

- Ans**
- ☐ 1. 250.70
 - ☒ 2. 270
 - ☐ 3. 273
 - ☐ 4. 259.60

Q.10 Kumud sold two tables at ₹425 each. If she sold one table at a loss of 20% and the other at a profit of 20%, find her gain or loss percentage.

- Ans**
- ☐ 1. Loss of 3.5%
 - ☐ 2. Profit of 3.5%
 - ☐ 3. Profit of 4%
 - ☒ 4. Loss of 4%

Q.11 A solid cuboid with dimensions 2 m × 4 m × 10 m is melted to form small solid cubes of side 8 cm. How many such cubes can be formed?

- Ans**
- ☐ 1. 1,58,250
 - ☐ 2. 1,60,000
 - ☒ 3. 1,56,250
 - ☐ 4. 1,62,250

Q.12 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 6% per year rate of interest for 5 years.

- Ans**
- ☐ 1. 790
 - ☐ 2. 690
 - ☒ 3. 750
 - ☐ 4. 710

Q.13 The simple interest on a certain sum for 4 years at 23% per annum is ₹11,960 less than the simple interest on the same sum for 8 years. Find the sum.

- Ans**
- ☐ 1. ₹13,500
 - ☐ 2. ₹12,000
 - ☒ 3. ₹13,000
 - ☐ 4. ₹12,500

Q.14 A rectangular sheet of paper of length 10π cm and width 5 cm is rolled along its length (width of the sheet becomes the height of the cylinder) to form a cylinder. What would be the radius of the cylinder?

- Ans**
- ☐ 1. 2.5 cm
 - ☐ 2. 10 cm
 - ☒ 3. 5 cm
 - ☐ 4. 6 cm

Q.15 If 2744 identical small spheres are made out of a big sphere of radius 7 cm, then what is the surface area of each small sphere?

- Ans**
- ☐ 1. $4\pi \text{ cm}^2$
 - ☐ 2. $2\pi \text{ cm}^2$
 - ☐ 3. $3\pi \text{ cm}^2$
 - ☒ 4. $\pi \text{ cm}^2$

Q.16 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 67 kg and 37 kg is:

- Ans**
- ☐ 1. 50.8
 - ☐ 2. 51.8
 - ☐ 3. 48.8
 - ☒ 4. 49.8

Q.17 Find the value of $5 + 32 \div 2 + 6 \times 2.5$.

- Ans**
- ☐ 1. 40
 - ☐ 2. 15
 - ☒ 3. 36
 - ☐ 4. 34

Q.18 The ratio of the number of boys and girls in a hostel is 5 : 7. If 40% of boys and 50% of girls are getting scholarships for their studies, what is the percentage of hostel students who are not getting any scholarships?

- Ans**
- ☐ 1. $35\frac{1}{7}\%$
 - ☐ 2. $59\frac{1}{8}\%$
 - ☒ 3. $54\frac{1}{6}\%$
 - ☐ 4. $45\frac{1}{5}\%$

Q.19 If the cost price of an article is 75% of its selling price, then the profit percent is:

- Ans**
- ☐ 1. 25%
 - ☐ 2. $25\frac{1}{3}\%$
 - ☐ 3. 33%
 - ☒ 4. $33\frac{1}{3}\%$

Q.20 Raman paid ₹18,656 for a mobile phone, after a single discount of 12%. If Raman is given successive discounts of 4% and 8%, then how much Raman would pay?

- Ans**
- ☐ 1. ₹13,728.84
 - ☒ 2. ₹18,723.84
 - ☐ 3. ₹17,283.84
 - ☐ 4. ₹17,238.84

Q.1 3 is related to 24 following a certain logic. Following the same logic, 4 is related to 60. To which of the following is 6 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 210
 - ☐ 2. 216
 - ☐ 3. 230
 - ☐ 4. 236

Q.2 In a certain code language, 'spin fast slow' is written as 'mm nn oo' and 'fast skid slip' is coded as 'nn rr tt' and 'slip slow jump' is coded as 'rr mm zz'. How is 'jump' coded in the given language?

- Ans**
- ☒ 1. ZZ
 - ☐ 2. nn
 - ☐ 3. mm
 - ☐ 4. rr

Q.3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All carrots are onions.

No onion is a tomato.

Conclusions:

(I) No carrot is a tomato.

(II) All onions are carrots.

- Ans**
- ☐ 1. Neither conclusion I nor II follows.
 - ☐ 2. Only conclusion II follows.
 - ☐ 3. Both conclusions I and II follow.
 - ☒ 4. Only conclusion I follows.

Q.4 EJGL is related to INKP in a certain way based on the English alphabetical order. In the same way, KPMR is related to OTQV. To which of the following is NSPU related, following the same logic?

- Ans**
- ☐ 1. WRYT
 - ☐ 2. WRTY
 - ☐ 3. RWYT
 - ☒ 4. RWTY

Q.5 Which two numbers should be interchanged to make the following equation correct?

$$36 \div 2 + 4 \times 8 - 11 \times 3 + 28 = 49$$

(Note: Interchange should be done of the entire number and not individual digits of a given number.)

- Ans**
- ☐ 1. 2 and 3
 - ☐ 2. 4 and 3
 - ☐ 3. 2 and 4
 - ☒ 4. 36 and 28

Q.6 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(14, 28, 4)
(35, 70, 10)

- Ans**
- ☐ 1. (28, 56, 6)
 - ☐ 2. (28, 58, 8)
 - ☒ 3. (28, 56, 8)
 - ☐ 4. (24, 56, 8)

Q.7 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

RVQ, OSN, LPK ,IMH, ?

- Ans**
- ☐ 1. JEF
 - ☐ 2. EJF
 - ☐ 3. EFJ
 - ☒ 4. FJE

Q.8 What should come in place of the question mark (?) in the following series?

97, 88, 85, 76, 73, ?, 61

- Ans**
- ☐ 1. 70
 - ☐ 2. 72
 - ☐ 3. 65
 - ☒ 4. 64

Q.9 What should come in place of the question mark (?) in the given series?

50, 40, 32, 26, ?, 20

- Ans**
- ☐ 1. 24
 - ☐ 2. 23
 - ☐ 3. 21
 - ☒ 4. 22

Q.10 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All cocktails are mocktails.

Some cocktails are juices.

Conclusion (I): Some mocktails are juices.

Conclusion (II): Some juices are not cocktails.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☐ 2. Neither conclusion I nor II follow
 - ☐ 3. Both conclusions I and II follow
 - ☒ 4. Only conclusion I follows

Q.11 TLDF is related to RJAC in a certain way based on the English alphabetical order. In the same way, SYMA is related to QWJX. To which of the following is EOGX related, following the same logic?

- Ans**
- ☒ 1. CMDU
 - ☐ 2. ALBW
 - ☐ 3. BLCV
 - ☐ 4. BNDV

Q.12 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). F is sitting second to the left of B. F is sitting third to the left of D. B is sitting to the immediate right of E. A is sitting third to the left of E. A is sitting to the immediate right of G. What is the position of F with respect to E?

- Ans**
- ☒ 1. Immediate left
 - ☐ 2. Third to the right
 - ☐ 3. Second to the left
 - ☐ 4. Immediate right

Q.13 In a certain code language, ' train was late' is coded as 'ch px zt' and 'journey by train' is coded as 'fk zt bu'. How is 'train' coded in the given language?

- Ans**
- ☐ 1. px
 - ☒ 2. zt
 - ☐ 3. ch
 - ☐ 4. bu

Q.14 P, Q, R, S, T, U and V are sitting around a circular table, facing towards the centre (but not necessarily in the same order).
P is an immediate neighbour of both T and U.
S is sitting second to the right of P.
Immediate neighbours of R are U and Q.
S is not an immediate neighbour of U.
Who is sitting to the immediate left of Q?

- Ans**
-  1. U
 -  2. S
 -  3. V
 -  4. R

Q.15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All lemons are melons.
No melon is a kiwi.
Conclusion (I): No lemon is a kiwi.
Conclusion (II): All melons are lemons.

- Ans**
-  1. Only conclusion II follows
 -  2. Neither conclusion I nor II follows
 -  3. Only conclusion I follows
 -  4. Both conclusions I and II follow

Q.16 In a certain code language, 'solve the puzzle' is written as 'sp di cy' and 'puzzle is tricky' is coded as 'qp vt di'. How is 'puzzle' coded in the given language?

- Ans**
-  1. sp
 -  2. di
 -  3. qp
 -  4. cy

Q.17 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(18, 3, 54)
(21, 4, 84)

- Ans**
-  1. (3, 11, 53)
 -  2. (8, 7, 58)
 -  3. (4, 8, 39)
 -  4. (14, 2, 28)

Q.18 HLQC is related to KOTF in a certain way based on the English alphabetical order. In the same way, WTAN is related to ZWDQ. To which of the following is FXCM related, following the same logic?

- Ans**
-  1. IAEQ
 -  2. HZEO
 -  3. GZFP
 -  4. IAFP

Q.19 In a certain code language, 'GULF' is coded as '7391' and 'FANS' is coded as '2438'. What is the code for 'F' in the given code language?

- Ans**
-  1. 2
 -  2. 1
 -  3. 3
 -  4. 4

Q.20 What will come in place of the question mark (?) in the following equation if '+' and 'x' are interchanged and '-' and '÷' are interchanged?

$$55 \times 16 - 4 \div 7 + 3 = ?$$

- Ans**
-  1. 17
 -  2. 12
 -  3. 38
 -  4. 28

Section : **General Awareness**

Q.1 Who is the author of the book called 'Beneath the Surface: My Story'?

- Ans**
-  1. Milkha Singh
 -  2. Kobe Bright
 -  3. Michael Phelps
 -  4. Tiger Woods

Q.2 Sonal Mansingh is a famous proponent of which of the following dance forms?

- Ans**
-  1. Kathak
 -  2. Mohiniyattam
 -  3. Manipuri
 -  4. Odissi

Q.3 The state religion of Bangladesh is:

- Ans**
-  1. Christianity
 -  2. Hinduism
 -  3. Islam
 -  4. Buddhism

Q.4 Which among the following is considered the first experiment of Satyagraha by Gandhiji in India?

- Ans**
-  1. Champaran
 -  2. Ahmedabad
 -  3. Kheda
 -  4. Rowlatt Satyagraha

Q.5 In weight lifting, when an athlete misses all three attempts in the snatch or the clean and jerk, failing to post a total, it is known as _____.

- Ans**
-  1. Bombing-out
 -  2. Take-off
 -  3. Delivery
 -  4. Attempt

Q.6 When was the Wildlife Protection Act passed?

- Ans**
-  1. 1955
 -  2. 1980
 -  3. 1972
 -  4. 1951

Q.7 The union list from the Seventh Schedule of the Indian Constitution consists of how many subjects as of May 2024?

- Ans**
-  1. Ninety five
 -  2. Ninety nine
 -  3. Hundred
 -  4. Ninety three

Q.8 Which of the following statements about Viharas is/are correct?
a)Viharas consist of a verandas, cell and hall around the walls of the hall.
b)Ajanta cave and Nashik cave are important parts of Vihara architecture.

- Ans**
- ☐ 1. Neither a nor b
 - ☐ 2. Only b
 - ☒ 3. Both a and b
 - ☐ 4. Only a

Q.9 If four resistances of 4 ohm each are connected in parallel, what will be their effective resistance?

- Ans**
- ☐ 1. 10 ohm
 - ☐ 2. 4 ohm
 - ☒ 3. 1 ohm
 - ☐ 4. 16 ohm

Q.10 In July 2023, Tribhuvaneshwar Saran Singh Deo was appointed as Deputy Chief Minister of which of the following states?

- Ans**
- ☐ 1. Odisha
 - ☐ 2. West Bengal
 - ☒ 3. Chhattisgarh
 - ☐ 4. Jharkhand

Q.11 A group of natural substances with variable phenolic structures, which are found in fruits, vegetables, and grains is called:

- Ans**
- ☐ 1. Resins
 - ☐ 2. Pectins
 - ☒ 3. Flavonoids
 - ☐ 4. Hopanoids

Q.12 The Moplah Uprising, an organised opposition of Muslim cultivators, occurred in which modern state of India?

- Ans**
- ☒ 1. Kerala
 - ☐ 2. Tamil Nadu
 - ☐ 3. Bihar
 - ☐ 4. Punjab

Q.13 Which of the following was authored by Harisenacharya?

- Ans**
- ☐ 1. Brihat Katha Manjari
 - ☐ 2. Lilavati
 - ☒ 3. Brihatkatha Kosh
 - ☐ 4. Rajatarangini

Q.14 A section of an active fault that has produced earthquakes in the past but is now quiet and is believed that the fault segment is capable of producing earthquake on some other basis is known as:

- Ans**
- ☐ 1. Seismic Wave
 - ☒ 2. Seismic Gap
 - ☐ 3. Epicenter
 - ☐ 4. Hypocenter

Q.15 As per the 2001 Census, what is the specific age, for a person to be called literate?

- Ans**
- ☐ 1. 9 years
 - ☒ 2. 7 years
 - ☐ 3. 6 years
 - ☐ 4. 8 years

Q.16 Bhavnath Mahadev fair is held every year in which of the following places?

- Ans**
- ☐ 1. Agra
 - ☐ 2. Chennai
 - ☐ 3. Jabalpur
 - ☒ 4. Junagarh

Q.17	Who became the first folk artist from India to walk the Cannes red carpet in 2022?
Ans	 1. Mame Khan  2. Sarwar Khan  3. Swaroop Khan  4. Sartaj Khan
Q.18	Which of the following is a traditional game of India?
Ans	 1. Basketball  2. Volleyball  3. Kabaddi  4. Football
Q.19	The Mahananda River rising in the _____ is a tributary of Ganga.
Ans	 1. Darjeeling hills  2. Nanda Devi peak  3. Kaimur hills  4. Chota Nagpur plateau
Q.20	Anita Sharma, Sangeet Natak Akademi Award winner, is an exponent of _____ dance form.
Ans	 1. Odissi  2. Mohiniyattam  3. Kathakali  4. Sattriya
Q.21	Who amongst the following stated the Grameen model of microfinance?
Ans	 1. Dr. Manmohan Singh  2. Prof. Muhammad Yunus  3. Prof. Amartya Sen  4. Prof. Abhijit Banerjee
Q.22	In February 2023, there have been protests in Punjab to release a group of Sikh prisoners who have been in jail for more than 30 years since militancy was wiped out in Punjab in the 1990s. What are these prisoners called?
Ans	 1. Qaidi Sikhs  2. Babbar Bandis  3. Khalsa Tigers  4. Bandi Singhs
Q.23	What is the major purpose of the Salal Dam located on Chenab River in Jammu and Kashmir?
Ans	 1. Hydroelectricity  2. Navigation  3. Irrigation  4. Drinking
Q.24	Which of the following phyla contains Leech?
Ans	 1. Nematoda  2. Coelenterata  3. Annelida  4. Platyhelminthes
Q.25	Who among the following was ‘Senani’ in the Rig Vedic period?
Ans	 1. A tax officer  2. A priest  3. A war hero  4. A spy

Q.1 Select the most appropriate option to fill in the blank.

Prem is an excellent chess player. He is the _____ student of the class too.

- Ans**
- ☐ 1. more intelligent
 - ☐ 2. intelligent
 - ☒ 3. most intelligent
 - ☐ 4. intelligently

Q.2 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

It is a common perception / that the rich sometimes / despise poor.

- Ans**
- ☐ 1. It is a common perception
 - ☒ 2. despise poor.
 - ☐ 3. No error
 - ☐ 4. that the rich sometimes

Q.3 Identify the **INCORRECTLY** spelt word in the given sentence.

BBC Media has shown exponenteal growth in their revenue this year.

- Ans**
- ☐ 1. media
 - ☒ 2. exponenteal
 - ☐ 3. year
 - ☐ 4. revenue

Q.4 Select the most appropriate synonym of the word in bold in the given sentence.
He was so **enraged** at the article about him that he sued the newspaper.

- Ans**
- ☐ 1. Determined
 - ☐ 2. Generated
 - ☐ 3. Enhanced
 - ☒ 4. Angered

Q.5 Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.

The minister went to visit the monuments set up for people who were buried in other countries.

- Ans**
- ☐ 1. graves
 - ☐ 2. cemetery
 - ☒ 3. cenotaphs
 - ☐ 4. coffins

Q.6 Select the most appropriate option to fill in the blank.

Leisure activities are activities that people _____ in during their free time while they are not working.

- Ans**
- ☐ 1. encourage
 - ☐ 2. evaluate
 - ☒ 3. engage
 - ☐ 4. exempt

Q.7 Parts of the following sentence have been given as options. Select the option that contains an error.
I have never seen so beautiful a landscape than this one.

- Ans**
- ☐ 1. so beautiful
 - ☐ 2. a landscape
 - ☒ 3. than this one
 - ☐ 4. I have never seen

Q.8 Select the most appropriate ANTONYM of the given word.

Boisterous

- Ans**
-  1. Noisy
 -  2. Quiet
 -  3. Benevolent
 -  4. Buoyant

Q.9 Select the most appropriate idiom that can substitute the underlined words in the given sentence.

His sudden resignation left the company in a very difficult situation and to have to make a hard decision as they scrambled to find a replacement.

- Ans**
-  1. with a silver lining
 -  2. on cloud nine
 -  3. in the dark
 -  4. between a rock and a hard place

Q.10 Select the most appropriate ANTONYM of the given word.

Searing

- Ans**
-  1. Freezing
 -  2. Thrilling
 -  3. Mocking
 -  4. Pressing

Q.11 Select the option that has used the correct tense.

- Ans**
-  1. By the time we arrive at the party, they had been waiting for over an hour.
 -  2. By the time we arrives at the party, they had been waiting for over an hour.
 -  3. By the time we arrived at the party, they had been waiting for over an hour.
 -  4. By the time we arriving at the party, they had been waiting for over an hour.

Q.12 Select the most appropriate synonym of the given word.

Corroborate

- Ans**
-  1. Support
 -  2. Contend
 -  3. Elaborate
 -  4. Suggest

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Sushil, who recently joined our school / was awarded the Gold Cup / as he worked hardly / throughout the year.

- Ans**
-  1. was awarded the Gold Cup
 -  2. Sushil, who recently joined our school
 -  3. as he worked hardly
 -  4. throughout the year.

Q.14 Select the INCORRECTLY spelt word.

- Ans**
-  1. Fantastic
 -  2. Damaged
 -  3. Forgetfull
 -  4. Expensive

Q.15 Select the most appropriate ANTONYM of the given word.
Meticulous

- Ans**
-  1. Persevering
 -  2. Determined
 -  3. Exemplary
 -  4. Regardless

Q.16 Select the most appropriate meaning of the given idiom.

an open book

- Ans**
- ☒ 1. a person or thing that is easy to learn about and understand
 - ☐ 2. a person of whom her mother is extremely proud
 - ☐ 3. a helpful person
 - ☐ 4. someone who gives advice based on theory not practice

Q.17 Recognise the sentence with the correct transitive verb form of break.

- A. The cyclone broke the window.
B. The window broke.
C. The cyclone caused the breaking of window.
D. The cyclone caused the broken window.

- Ans**
- ☐ 1. C
 - ☒ 2. A
 - ☐ 3. D
 - ☐ 4. B

Q.18 Select the option that can be used as a one-word substitute for the given phrase.
Belonging or pertaining to an individual from birth

- Ans**
- ☐ 1. Congregational
 - ☒ 2. Congenital
 - ☐ 3. Congruent
 - ☐ 4. Congenial

Q.19 Select the option that can be used as a one-word substitute for the given group of words.
A post without any remuneration

- Ans**
- ☐ 1. Bigot
 - ☐ 2. Illegible
 - ☒ 3. Honorary
 - ☐ 4. Effeminate

Q.20 Select the correct spelling of the underlined word in the given sentence.

The weather was absolutley perfect for the outdoor event.

- Ans**
- ☐ 1. absoulutely
 - ☒ 2. absolutely
 - ☐ 3. absoluttley
 - ☐ 4. absolutly

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in 'The Journal of the American College of Cardiology', (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure, and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person's individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. for
 - ☒ 2. because of
 - ☐ 3. but
 - ☐ 4. because

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in 'The Journal of the American College of Cardiology', (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure , and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person's individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. Accordingly
 - ☒ 2. According with
 - ☒ 3. According to
 - ☒ 4. In according with

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in 'The Journal of the American College of Cardiology', (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure , and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person's individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. salting
 - ☒ 2. salted
 - ☒ 3. salt
 - ☒ 4. salt with

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in 'The Journal of the American College of Cardiology', (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure , and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person's individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. of
 - ☒ 2. for
 - ☒ 3. in
 - ☒ 4. with

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Though people are becoming health-conscious these days, (1)_____ simple lifestyle habits they are prone to fatal diseases. (2)_____ a new study published in 'The Journal of the American College of Cardiology', (3)_____ food more sparingly is linked to a lower risk of heart disease, heart failure , and ischemic heart disease. A significant risk factor for cardiovascular disease, high blood pressure, is demonstrated to be correlated (4)_____ high sodium intake. As per the research, a person's individual sodium intake over time may be predicted by how (5)_____ they salt their food. It is found that people who do not put a little additional salt to their food very often had a much lower risk of heart disease event regardless of lifestyle factors and pre-existing disease.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. hefty
 -  2. burly
 -  3. soundly
 -  4. frequently

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	14/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The average of five numbers, where the difference between any two consecutive numbers is 5, is 215. Find the least number.

- Ans
- ☐ 1. 225
 - ☐ 2. 220
 - ☐ 3. 215
 - ☒ 4. 205

Q.2 By selling an article for ₹19, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 50%?

- Ans
- ☒ 1. 6.91
 - ☐ 2. 8.91
 - ☐ 3. 7.91
 - ☐ 4. 9.91

Q.3 If $50 + 28 - 35 \times \frac{1}{5}$ of $2 - \{637 \div (5^3 - 6^3)\} = x^2 + 7$, then find the value of $2x$, where x is the positive integer.

- Ans
- ☐ 1. 8
 - ☒ 2. 16
 - ☐ 3. 24
 - ☐ 4. 12

Q.4 What sum (in ₹) will earn a simple interest of ₹240 in 3 years at 4% per year rate of interest?

- Ans
- ☐ 1. 3000
 - ☐ 2. 4000
 - ☒ 3. 2000
 - ☐ 4. 1000

Q.5 Due to a fault in the voting machine, the invalid votes are counted in votes of the candidate B, who gets 5 times the invalid votes. A gets the votes 8 times the invalid votes and wins the election by 28. What is the total number of votes polled?

- Ans
- ☐ 1. 184
 - ☒ 2. 196
 - ☐ 3. 176
 - ☐ 4. 168

Q.6 A sum of money invested at simple interest becomes 5 times in 12 years. How many times will it become in 27 years?

- Ans
- ☒ 1. 10
 - ☐ 2. 9
 - ☐ 3. 11
 - ☐ 4. 12

Q.7 In what ratio must a shopkeeper mix two types of rice worth ₹60/kg and ₹80/kg, respectively, so that, the average cost of the mixture is ₹75/kg?

- Ans
- ☒ 1. 1 : 3
 - ☐ 2. 3 : 4
 - ☐ 3. 1 : 2
 - ☐ 4. 2 : 3

Q.8 The average weight of 20 boys in a class is 65 kg and that of remaining 35 boys is 32 kg. What is the average weight of all the boys in the class?

- Ans**
- ☐ 1. 56 kg
 - ☐ 2. 48 kg
 - ☐ 3. 46 kg
 - ☒ 4. 44 kg

Q.9 The cost price of 20 articles is the same as the selling price of 15 articles. The profit percentage in the transaction is:

- Ans**
- ☒ 1. $33\frac{1}{3}\%$
 - ☐ 2. 50%
 - ☐ 3. 30%
 - ☐ 4. 25%

Q.10 The length and breadth of a rectangular field are in the ratio 3 : 2. If the area of the field is 3456 m^2 , then the cost of fencing the field at ₹3.50 per metre is:

- Ans**
- ☐ 1. Rs. 480
 - ☐ 2. Rs. 240
 - ☒ 3. Rs. 840
 - ☐ 4. Rs. 420

Q.11 A medicine capsule is shaped like a cylinder with two hemispheres attached to each of its ends. The length of the entire capsule is 15 mm, and its diameter is 6 mm. Calculate the surface area (in mm^2 , rounded to the nearest integer) of the capsule. (Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 286
 - ☐ 2. 280
 - ☐ 3. 289
 - ☒ 4. 283

Q.12 Out of 8 lecturers of a college, one lecturer retires and at his place a new lecturer of age 32 years joins. As a result, the average age of lecturers is reduced by 4 years. The age of the retired lecturer is:

- Ans**
- ☐ 1. 65 years
 - ☐ 2. 63 years
 - ☐ 3. 62 years
 - ☒ 4. 64 years

Q.13 A policeman sees a thief at a distance of 100 m and starts chasing him at a speed of 6 m/s while the thief runs at a speed of 5 m/s. What is the distance (in m) covered by the thief when he is caught?

- Ans**
- ☐ 1. 300
 - ☐ 2. 400
 - ☐ 3. 600
 - ☒ 4. 500

Q.14 Two stations A and B are 1800 km apart. A train starts from A towards B at 7 A.M. at a speed of 100 km/h. Another train starts from B towards A at 8 A.M. on the same day at a speed of 325 km/h. At what time will they cross each other?

- Ans**
- ☐ 1. 9 A.M.
 - ☒ 2. 12 P.M.
 - ☐ 3. 3 P.M.
 - ☐ 4. 11 A.M.

Q.15 The LCM of 140,180 and 240 is:

- Ans
- ☐ 1. 5000
 - ☐ 2. 1008
 - ☐ 3. 1680
 - ☒ 4. 5040

Q.16 The curved surface area of a cylinder of height 42 cm is 3960 cm^2 . Find its volume. ($\pi = \frac{22}{7}$)

- Ans
- ☐ 1. $27,900\text{ cm}^3$
 - ☐ 2. 1980 cm^3
 - ☒ 3. $29,700\text{ cm}^3$
 - ☐ 4. $19,800\text{ cm}^3$

Q.17 If $x : 6 :: 6 : y$ and $x : y :: y : 6$, then which of the options below gives the correct values of x and y in that order?

- Ans
- ☒ 1. 6 and 6
 - ☐ 2. 6 and 12
 - ☐ 3. 12 and 6
 - ☐ 4. 12 and 12

Q.18 What sum (in ₹) will earn a simple interest of ₹240 in 3 years at 8% per year rate of interest?

- Ans
- ☐ 1. 2000
 - ☒ 2. 1000
 - ☐ 3. 1500
 - ☐ 4. 500

Q.19 A tradesman marks his goods 30% more than the cost price. If he allows a discount of $6\frac{1}{4}\%$, then his gain percentage is:

- Ans
- ☒ 1. $21\frac{7}{8}\%$
 - ☐ 2. 21%
 - ☐ 3. 22%
 - ☐ 4. $22\frac{3}{4}\%$

Q.20 Alisha bought 1 kg of mango for ₹125 and sold it to Sam at a profit of 20%. Sam sells it to Param and Param to Rani for ₹187 at a profit of 10%. The profit made by Sam was:

- Ans
- ☐ 1. $15\frac{1}{2}\%$
 - ☒ 2. $13\frac{1}{3}\%$
 - ☐ 3. 16%
 - ☐ 4. 25%

Section : Reasoning Ability and Problem Solving

Q.1 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

ESG, GTK, IUO, KVS, ?

- Ans
- ☐ 1. NWX
 - ☐ 2. MWX
 - ☐ 3. NWW
 - ☒ 4. MWW

Q.2 What should come in place of the question mark (?) in the given series?

6, ?, 7, 10, 8, 11

- Ans**
- ☒ 1. 9
 - ☐ 2. 5
 - ☐ 3. 8
 - ☐ 4. 12

Q.3 DC24 is related to WX68 in a certain way. In the same way, HG13 is related to ST57. To which of the following is LK24 related, following the same logic?

- Ans**
- ☐ 1. PO86
 - ☐ 2. PO68
 - ☒ 3. OP68
 - ☐ 4. PK68

Q.4 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All bars are clubs.

Some bars are gyms.

Conclusions:

(I) Some clubs are gyms.

(II) Some gyms are not bars.

- Ans**
- ☐ 1. Both conclusions I and II follow.
 - ☒ 2. Only conclusion I follows.
 - ☐ 3. Neither conclusion I nor II follows.
 - ☐ 4. Only conclusion II follows.

Q.5 21 is related to 73 following a certain logic. Following the same logic, 28 is related to 94. To which of the following is 35 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☐ 1. 110
 - ☒ 2. 115
 - ☐ 3. 101
 - ☐ 4. 105

Q.6 WY 13 is related to UW 16 in a certain way. In the same way, SU 19 is related to QS 22. To which of the following is OQ 17 related, following the same logic?

- Ans**
- ☒ 1. MO 20
 - ☐ 2. MN 20
 - ☐ 3. NM 19
 - ☐ 4. MO 19

Q.7 In a certain code language, 'BALE' is coded as '2496' and 'LORD' is coded as '3759'. What is the code for 'L' in the given code language?

- Ans**
- ☐ 1. 5
 - ☒ 2. 9
 - ☐ 3. 3
 - ☐ 4. 2

Q.8 In a certain code language, 'HEAP' is coded as '7395' and 'PEAS' is coded as '9571'. What is the code for 'S' in the given code language?

- Ans**
- ☐ 1. 7
 - ☐ 2. 9
 - ☐ 3. 5
 - ☒ 4. 1

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(21, 30, 55)
(86, 76, 166)

- Ans**
- ☒ 1. (3, 72, 79)
 - ☐ 2. (91, 13, 18)
 - ☐ 3. (14, 27, 4)
 - ☐ 4. (44, 70, 92)

Q.10 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the center (but not necessarily in the same order). C is sitting to the immediate right of B. E is sitting third to the left of B. D is the immediate neighbour of E and F. A is sitting to the immediate right of C.

What is the position of G with respect to B?

- Ans**
- ☒ 1. Third to the right
 - ☐ 2. To the immediate left
 - ☐ 3. Second to the right
 - ☐ 4. Second to the left

Q.11 18 is related to 60 following a certain logic. Following the same logic, 42 is related to 140. To which of the following is 33 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 80
 - ☐ 2. 95
 - ☒ 3. 110
 - ☐ 4. 130

Q.12 In a certain code language, 'TIME' is coded as 61 and 'POND' is coded as 59. How will 'BLUE' be coded in the same language?

- Ans**
- ☐ 1. 69
 - ☐ 2. 72
 - ☐ 3. 71
 - ☒ 4. 68

Q.13 In a certain code language, 'INTO' is coded as '2684' and 'OPEN' is coded as '3567'. What is the code for 'O' in the given code language?

- Ans**
- ☐ 1. 5
 - ☒ 2. 6
 - ☐ 3. 4
 - ☐ 4. 3

Q.14 What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and 'x' and '-' are interchanged?
 $18 \div 6 + 2 - 3 \times 4 = ?$

- Ans**
- ☐ 1. 38
 - ☐ 2. 32
 - ☒ 3. 23
 - ☐ 4. 26

Q.15 What should come in place of the question mark (?) in the following series?

3, 15, 51, 159, 483, ?

- Ans**
- ☐ 1. 4799
 - ☐ 2. 1789
 - ☐ 3. 1790
 - ☒ 4. 1455

Q.16 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
A. Some guns are swords.
B. All swords are onions.
Conclusions:
I. All guns are onions.
II. Some guns are swords.

- Ans**
- ☒ 1. Only conclusion II follows.
 - ☐ 2. Only conclusion I follows.
 - ☐ 3. Both the conclusions follow.
 - ☐ 4. None of the conclusions follow.

Q.17 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $2 \div 8 - 25 \times 5 + 9 = ?$

- Ans**
- ☐ 1. 27
 - ☐ 2. 6
 - ☐ 3. 30
 - ☒ 4. 12

Q.18 BI 2 is related to EF 5 in a certain way. In the same way, KR 8 is related to NO 11. To which of the following is TI 3 related, following the same logic?

- Ans**
- ☐ 1. WG 6
 - ☐ 2. WF 8
 - ☐ 3. WG 8
 - ☒ 4. WF 6

Q.19 Six teachers are sitting around a circular table facing the centre (but not necessarily in the same order). C is an immediate neighbour of both A and F. E is sitting second to the left of F. D is sitting fourth to the left of C. A is sitting second to the right of F. Which of the following statements is true?

- Ans**
- ☐ 1. B is immediate right of F.
 - ☐ 2. F and D are immediate neighbours.
 - ☒ 3. B is immediate left of F.
 - ☐ 4. D is to the immediate right of E.

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All cats are lions.
Some cats are tigers.

Conclusions:
(I) At least some tigers are cats.
(II) Some lions are tigers.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☐ 2. Only conclusion I follows
 - ☐ 3. Neither conclusion I nor II follows
 - ☒ 4. Both conclusion I and II follow

Section : **General Awareness**

Q.1 'Straight from the Heart' is an autobiography of the famous cricketer _____.

- Ans**
- ☒ 1. Kapil Dev
 - ☐ 2. Sunil Gavaskar
 - ☐ 3. Madan Lal
 - ☐ 4. Mohinder Amarnath

Q.2 Who among the following dancers won the prestigious Padma Shree award in the year 2021, for her contribution to folk dance?

- Ans**
- ☒ 1. Matha B Manjamma Jogathi
 - ☐ 2. Kumudini Lakhia
 - ☐ 3. Amubi Singh
 - ☐ 4. Teejan Bai

Q.3 According to the advancing of monsoon in India, which of the following cities receives rainfall after 15 June every year?

- Ans**
- ☐ 1. Hyderabad
 - ☐ 2. Bengaluru
 - ☐ 3. Imphal
 - ☒ 4. Jaipur

Q.4 The Permanent Settlement introduced by Cornwallis was NOT prevalent in which of the following regions of India?

- Ans**
- ☐ 1. Odisha
 - ☒ 2. Punjab
 - ☐ 3. Bengal
 - ☐ 4. Bihar

Q.5 The zone where the earthquake waves are not observed is called:

- Ans**
- ☐ 1. Hypocentre
 - ☐ 2. Epicentre
 - ☐ 3. Benthic Zone
 - ☒ 4. Shadow Zone

Q.6 Neville Steven Joseph D'Souza is associated with which game?

- Ans**
- ☐ 1. Wrestling
 - ☐ 2. Tennis
 - ☐ 3. Kabaddi
 - ☒ 4. Football

Q.7 Which Chapter of Part VI of the Indian Constitution is concerned with the State Legislatures?

- Ans**
- ☒ 1. Chapter III
 - ☐ 2. Chapter VII
 - ☐ 3. Chapter V
 - ☐ 4. Chapter II

Q.8 In Jain Basti temple of Karnataka, over the garbhagriha is raised a _____ storied nirandhara vimana with a square griva and sikhara.

- Ans**
- ☐ 1. eleven
 - ☒ 2. five
 - ☐ 3. three
 - ☐ 4. seven

Q.9 In 1974, MS Subbulakshmi became the first Indian musician to win _____.

- Ans**
- ☐ 1. Right Livelihood Award
 - ☒ 2. Ramon Magsaysay Award
 - ☐ 3. Grammy Award
 - ☐ 4. Pulitzer Prize Award

Q.10 Seleucus Nicator was a contemporary of _____.

- Ans**
- ☐ 1. Ashoka
 - ☐ 2. Kanishka
 - ☐ 3. Kalashoka
 - ☒ 4. Chanakya

Q.11 With which of the following Amendment Acts of the Indian Constitution was 11th Fundamental Duty added?

- Ans**
-  1. 53rd
 -  2. 42nd
 -  3. 70th
 -  4. 86th

Q.12 Identify the primary characteristic of the Cooperative Development Foundation (CDF) model of SHGs regarding its focus on membership from the following.

- Ans**
-  1. It exclusively targets non-poor members.
 -  2. It excludes women from membership.
 -  3. It includes both poor and non-poor members.
 -  4. It exclusively targets poor members.

Q.13 Select the INCORRECT statement from the following.

- Ans**
-  1. Both boiling and evaporation are bulk phenomena.
 -  2. Evaporation is a surface phenomenon.
 -  3. Boiling is a bulk phenomenon.
 -  4. Evaporation causes cooling.

Q.14 Which Article of the Constitution of India governs the Population Census?

- Ans**
-  1. Article 246
 -  2. Article 179
 -  3. Article 233
 -  4. Article 128

Q.15 Which of the two following countries were formed as a result of the partition of India?

- Ans**
-  1. India and Pakistan
 -  2. India and Sri Lanka
 -  3. India and Bangladesh
 -  4. India and Nepal

Q.16 In November 2023, who was re-appointed as the Chairman of the Armed Forces Tribunal?

- Ans**
-  1. Justice NV Ramana
 -  2. Justice Rajendra Menon
 -  3. Justice Sharad Arvind Bobde
 -  4. Justice RF Nariman

Q.17 The iodine value of oil and fat indicates:

- Ans**
-  1. degree of saturation
 -  2. degree of unsaturation
 -  3. number of iodine atoms present
 -  4. number of C atoms present

Q.18 The number of organisms in the population divided by a regular unit of area or volume is called _____.

- Ans**
-  1. population size
 -  2. birth rate
 -  3. death rate
 -  4. population density

Q.19 Which of the following sultans of Delhi set up three different markets for different commodities in Delhi?

- Ans**
-  1. Muhammad Bin Tughlaq
 -  2. Sikandar Lodi
 -  3. Ghiyasuddin Balban
 -  4. Alauddin Khalji

Q.20 Which state government of India launched the 'Swanirbhar Nari' aimed at making the weavers of the state self-reliant?

- Ans**
-  1. Chhattisgarh
 -  2. Jharkhand
 -  3. Assam
 -  4. Bihar

Q.21 Bhakra Dam is built on which of the following rivers?

- Ans**
-  1. Beas
 -  2. Ravi
 -  3. Chenab
 -  4. Satluj

Q.22 Which of the following dance forms is inspired by the sculptures of the ancient temple of Chidambaram?

- Ans**
-  1. Sattriya
 -  2. Manipuri
 -  3. Kuchipudi
 -  4. Bharatanatyam

Q.23 What is the stump height of a cricket wicket as per international standards?

- Ans**
-  1. 29 inches
 -  2. 28 inches
 -  3. 31 inches
 -  4. 30 inches

Q.24 As per Census of India 2011, which of the following states has the highest percentage of urban population in India?

- Ans**
-  1. Maharashtra
 -  2. Gujarat
 -  3. Tamil Nadu
 -  4. Mizoram

Q.25 With which of the following festivals does the five-day long festival of Diwali end?

- Ans**
-  1. Dhanteras
 -  2. Narak Chaturdashi
 -  3. Govardhan Puja
 -  4. Bhai Dooj

Section : **English Language and Comprehension**

**Q.1 Select the most appropriate meaning of the given word.
Fragile**

- Ans**
-  1. Brittle
 -  2. Strong
 -  3. Florid
 -  4. Juicy

**Q.2 Select the option that expresses the given sentence in present perfect continuous tense form
Rama is working on this project.**

- Ans**
-  1. Rama has been working on this project since six months.
 -  2. Rama has worked on this project for six months
 -  3. Rama is working on this project for six months.
 -  4. Rama has been working on this project for six months.

Q.3 Select the INCORRECTLY spelt word.

"The architekture of the building is marvellous", said the spectators.

- Ans**
- ☒ 1. Architekture
 - ☐ 2. Spectators
 - ☐ 3. Building
 - ☐ 4. Marvellous

Q.4 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

Lisa was very excited about her promotion; she was very happy and delighted.

- Ans**
- ☐ 1. under the weather
 - ☒ 2. on cloud nine
 - ☐ 3. on the ball
 - ☐ 4. on the attack

Q.5 Select the most appropriate meaning of the given idiom.

Brought to light

- Ans**
- ☐ 1. To seem likely
 - ☒ 2. To disclose
 - ☐ 3. To burn
 - ☐ 4. In favour of

Q.6 Select the most appropriate synonym of the given word.

Odious

- Ans**
- ☐ 1. Pleasant
 - ☒ 2. Repugnant
 - ☐ 3. Acceptable
 - ☐ 4. Beautiful

Q.7 Select the most appropriate synonym of the given word.
Illicit

- Ans**
- ☐ 1. Integral
 - ☒ 2. Illegal
 - ☐ 3. Inessential
 - ☐ 4. Inaugural

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He climbed of / the steep mountain trail, / his backpack heavy / with supplies for the journey.

- Ans**
- ☐ 1. his backpack heavy
 - ☐ 2. the steep mountain trail,
 - ☒ 3. He climbed of
 - ☐ 4. with supplies for the journey.

Q.9 Identify the spelling error in the given sentence.

The restaurant offered a diverse menu with a wide rengen of culinary options.

- Ans**
- ☐ 1. restaurant
 - ☐ 2. diverse
 - ☒ 3. rengen
 - ☐ 4. options

Q.10 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.
The table looks proper in the centre than in the corner.

- Ans**
- ☐ 1. most proper
 - ☒ 2. more proper
 - ☐ 3. properer
 - ☐ 4. properly

Q.11 Select the option that can be used as one-word substitute for the given group of words.

Detailed examination of something complex

- Ans**
- ☐ 1. Synthesis
 - ☐ 2. Symbiosis
 - ☒ 3. Analysis
 - ☐ 4. Dialysis

Q.12 Select the most appropriate option to fill in the blank.
The Kumbh Mela (the festival of the sacred Pitcher) is the world's biggest peaceful gathering of pilgrims, with participants bathing or taking the dip in the _____ river.

- Ans**
- ☐ 1. profane
 - ☐ 2. depth
 - ☐ 3. shallow
 - ☒ 4. sacred

Q.13 Select the most appropriate meaning of the given idiom.
A dime a dozen

- Ans**
- ☒ 1. Very common
 - ☐ 2. Very rare
 - ☐ 3. To be in a difficult situation
 - ☐ 4. To take revenge

Q.14 Select the most appropriate synonym of the given word to fill in the blank.
Averted
Rohit _____ looking at Sheena's face while we were talking about domestic violence.

- Ans**
- ☒ 1. avoided
 - ☐ 2. confronted
 - ☐ 3. saw
 - ☐ 4. fostered

Q.15 The following sentence contains an error. Select the option that correctly rectifies the error.

Along with his friend, he walked till the end of the street and came back immediately.

- Ans**
- ☐ 1. end by the street
 - ☐ 2. for came back immediately
 - ☐ 3. Near with his friend,
 - ☒ 4. he walked to the

Q.16 Select the option that rectifies the given sentence.
She runs very quick in marathons.

- Ans**
- ☒ 1. She runs very quickly in marathons.
 - ☐ 2. She runs much quickly in marathons.
 - ☐ 3. She run very quick in marathons.
 - ☐ 4. She run much quickly in marathons.

Q.17 Select the most appropriate synonym that can substitute the underlined word in the given sentence.

The author's writing was so captivating that readers were enthralled by every word.

- Ans**
- ☒ 1. annoyed
 - ☒ 2. fascinated
 - ☒ 3. bored
 - ☒ 4. jaded

Q.18 Select the most appropriate option to fill in the blank.

The charismatic leader's speeches were known for their _____ impact on motivating people to take positive actions.

- Ans**
- ☒ 1. doldrums
 - ☒ 2. impenitence
 - ☒ 3. profound
 - ☒ 4. frugal

Q.19 Select the correct spelling from the given options to fill in the blank.

They may vary and seem very different, but they are not _____.

- Ans**
- ☒ 1. irrecincilable
 - ☒ 2. ireconcilable
 - ☒ 3. irrecoisilable
 - ☒ 4. irreconcilable

Q.20 Which of the following sentences contains an error in the use of a phrasal verb?

- Ans**
- ☒ 1. Try your level best before you decide to give up.
 - ☒ 2. The old lady broke down when she heard her son lost his job.
 - ☒ 3. Clean out the backyard this weekend.
 - ☒ 4. Make over the bed daily. It is a good habit.

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____ since the age of 16. She (2)_____ around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. would have travelled
 - ☒ 2. will be travelling
 - ☒ 3. has been travelling
 - ☒ 4. have been travelling

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____ since the age of 16. She (2)_____ around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. was covered
 - ☒ 2. will have covered
 - ☒ 3. had been covered
 - ☒ 4. has covered

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____ since the age of 16. She (2)_____ around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. Visit
 - ☒ 2. Visiting
 - ☒ 3. Moving
 - ☒ 4. Moved

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____ since the age of 16. She (2)_____ around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. exploring
 - ☒ 2. explore
 - ☒ 3. having explored
 - ☒ 4. to be explored

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Hyojeng, a twenty-five-year-old South Korean Youtuber (1)_____ since the age of 16. She (2)_____ around twenty-five countries so far. (3)_____ India was high on her wish list. She is currently soaking in the energy of Mumbai and planning to (4)_____ more of this beautiful city. Unfortunately, her experience of the city turned sour recently. She was filming on the streets of Mumbai and two men tried to hug and kiss her, which was captured in her video. The video (5)_____ viral and the Mumbai police swung into action.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. gone
 - ☒ 2. went
 - ☒ 3. going
 - ☒ 4. go

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	14/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 If the volume of a sphere is divided by its surface area, the result is 54 cm. The radius of the sphere is:

- Ans
- ☐ 1. 182 cm
 - ☐ 2. 166 cm
 - ☒ 3. 162 cm
 - ☐ 4. 111 cm

Q.2 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 6% per year rate of interest for 3 years.

- Ans
- ☐ 1. 400
 - ☐ 2. 320
 - ☒ 3. 360
 - ☐ 4. 300

Q.3 A shop keeper allows a 25% discount and gains 20%. How much of the percentage is above the Marked Price on the Cost Price?

- Ans
- ☒ 1. 60%
 - ☐ 2. 80%
 - ☐ 3. 20%
 - ☐ 4. 50%

Q.4 A man purchased 3 bags of cement at the rate of ₹2,200 each, 4 bags of cement at ₹2,550 each and 5 bags of cement at the rate of ₹3,120 each. What is the average cost of one bag of cement?

- Ans
- ☐ 1. ₹2,800
 - ☒ 2. ₹2,700
 - ☐ 3. ₹2,623
 - ☐ 4. ₹2,805

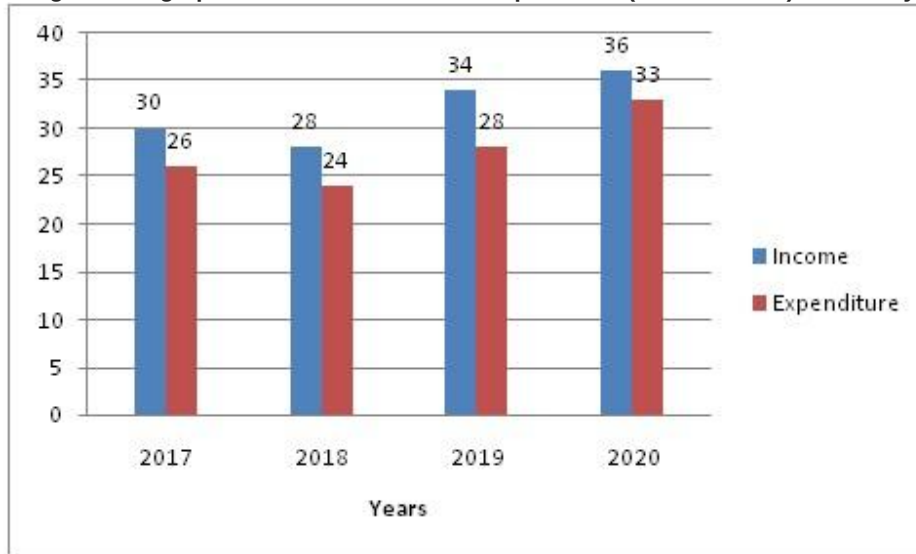
Q.5 What is the HCF of 512 and 296?

- Ans
- ☐ 1. 32
 - ☐ 2. 4
 - ☒ 3. 8
 - ☐ 4. 37

Q.6 A shopkeeper sells goods at the same price rate for which he has bought them, but gives 20% less quantity to the customer. Find the profit percentage.

- Ans
- ☐ 1. 30%
 - ☐ 2. 20%
 - ☒ 3. 25%
 - ☐ 4. 15%

Q.7 The given bar graph shows the income and expenditure (in thousand ₹) of a family in four different years.



What percentage, more or less, is the total savings of the family in the last two years (2019 and 2020) when compared to the total savings of the family in the initial two years (2017 and 2018)?
(Savings = Income – Expenditure)

- Ans
- ☐ 1. 13.5% less
 - ☒ 2. 12.5% more
 - ☐ 3. 11.5% less
 - ☐ 4. 10.5% more

Q.8 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 7% per year rate of interest for 3 years.

- Ans
- ☐ 1. 695
 - ☐ 2. 775
 - ☐ 3. 675
 - ☒ 4. 735

Q.9 The outer circumference of the top of a large hemispherical iron bowl is 565.2 cm and the bowl is 6 cm thick. What will be the volume (in cm^3) of the iron required to make this bowl? (Use $\pi = 3.14$.)

- Ans
- ☐ 1. 2,85,212.96
 - ☐ 2. 2,85,232.96
 - ☐ 3. 2,85,132.96
 - ☒ 4. 2,85,312.96

Q.10 A trader sells his goods at 25% profit. Had he bought it at 10% more and sold it for ₹75 more, he would have earned a profit of 25%. The cost price of the goods is:

- Ans
- ☐ 1. ₹400
 - ☐ 2. ₹1,000
 - ☒ 3. ₹600
 - ☐ 4. ₹800

Q.11 A hemispherical container of total surface area 7392 cm^2 is filled with oil. However, $\frac{1}{4}$ of the container is empty. This oil is to be transferred in small hemispherical bottles having radius of 6.3 cm. How many bottles will be required (rounded off to the nearest whole number)? (Take $\pi = \frac{22}{7}$.)

- Ans
- ☐ 1. 156
 - ☐ 2. 75
 - ☒ 3. 66
 - ☐ 4. 351

Q.12 The average height of a group of 50 students is 175 cm. If another group of 40 students with average height of 180 cm is included, what is the average (in cm, to the nearest cm) of the combined group?

- Ans
- ☐ 1. 176
 - ☐ 2. 174
 - ☒ 3. 177
 - ☐ 4. 178

Q.13 Study the given table and answer the question that follows.

The given table shows the number of new employees added to different categories of employees in a company for four years and the number of employees from these categories who left the company every year.

Year	Managers		Technicians		Accountants	
	New	Left	New	Left	New	Left
2001	280	120	260	50	200	100
2002	300	92	340	160	228	95
2003	310	150	450	200	254	125
2004	420	120	480	180	260	120

What is the difference between the total number of Managers who joined the Company and the total number of newly added Accountants in the Company during the period 2001 to 2004?

- Ans
- ☐ 1. 259
 - ☒ 2. 368
 - ☐ 3. 332
 - ☐ 4. 300

Q.14 The average age of a class of 65 boys is 14 years. The average age of 20 of them is 14 years, and the average age of another 15 boys is 12 years. What will be the average age (in years) of the remaining boys?

- Ans
- ☐ 1. 16
 - ☐ 2. 17
 - ☐ 3. 14
 - ☒ 4. 15

Q.15 A group of 9 people can survive on ₹8,100 for 30 days. How long can a group of 7 people survive on ₹8,400?

- Ans
- ☐ 1. 25 days
 - ☐ 2. 43 days
 - ☒ 3. 40 days
 - ☐ 4. 31 days

Q.16 A thief steals a bike at 12.40 p.m. and drives it at 45 km/h. The theft is discovered at 1 p.m. and the owner sets off in a car at 65 km/h in the direction the thief was heading. The time at which the owner can catch the thief is:

- Ans
- ☐ 1. 2:00 p.m.
 - ☒ 2. 1:45 p.m.
 - ☐ 3. 2:10 p.m.
 - ☐ 4. 1:30 p.m.

Q.17 Three candidates contested an election and obtained 1136, 7636 and 11628 votes, respectively. What percentage of the total votes did the losing candidate (last one) get? (Correct to two decimal places)

- Ans
- ☐ 1. 3.89%
 - ☐ 2. 7.89%
 - ☐ 3. 6.34%
 - ☒ 4. 5.57%

Q.18 In what ratio wheat at ₹38 per kg should be mixed with wheat at ₹26 per kg so that on selling the mixture at ₹39 per kg, there would be a profit of 30%?

- Ans**
- ☐ 1. 1 : 3
 - ☒ 2. 1 : 2
 - ☐ 3. 3 : 4
 - ☐ 4. 2 : 3

Q.19 Two trains are running in opposite directions at the same speed. The length of each train is 180 m. If they cross each other in 12 seconds, what is the speed of each train (in km/h)?

- Ans**
- ☒ 1. 54
 - ☐ 2. 36
 - ☐ 3. 63
 - ☐ 4. 45

Q.20 Find the simple interest on ₹550 for 8 months at 3 paise per rupee per month?

- Ans**
- ☐ 1. ₹130
 - ☐ 2. ₹131
 - ☒ 3. ₹132
 - ☐ 4. ₹134

Section : Reasoning Ability and Problem Solving

Q.1 In a certain code language, 'barks a lot' is written as 'qw er ui' and 'the dog barks' is written as 'op ji er'. How is 'barks' written in that language?

- Ans**
- ☒ 1. er
 - ☐ 2. ji
 - ☐ 3. qw
 - ☐ 4. ui

Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some possums are bisons.

No possum is a wolf.

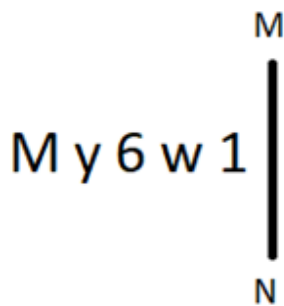
Conclusions:

[1] All wolves can be bisons.

[2] All bisons are wolves.

- Ans**
- ☐ 1. Both conclusions [1] and [2] follow
 - ☐ 2. Only conclusion [2] follows
 - ☒ 3. Only conclusion [1] follows
 - ☐ 4. Neither conclusion [1] nor [2] follows

Q.3 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. $\text{I m } \partial \text{ y M}$
 - ☒ 2. $\text{T w 9 } \lambda \text{ W}$
 - ☒ 3. $\text{I w } \partial \text{ y M}$
 - ☒ 4. $\text{w 1 } \partial \text{ y M}$

Q.4 In a certain code language, 'BEAM' is coded as '5791' and 'MINT' is coded as '2467'. What is the code for 'M' in the given code language?

- Ans
- ☒ 1. 1
 - ☒ 2. 6
 - ☒ 3. 2
 - ☒ 4. 7

Q.5 What will come in place of the question mark '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $13 + 4 \times 2 \div 5 - 2 = ?$

- Ans
- ☒ 1. 2
 - ☒ 2. 3
 - ☒ 3. 7
 - ☒ 4. 5

Q.6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All hens are chickens.

All chickens are eggs.

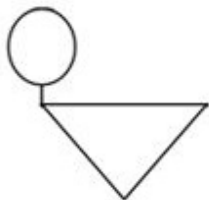
Conclusions:

(I) All hens are eggs.

(II) All eggs are chickens.

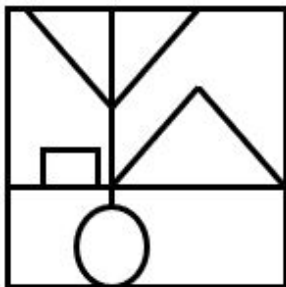
- Ans
- ☒ 1. Only conclusion II follows
 - ☒ 2. Both conclusions I and II follow
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Neither conclusion I nor II follows

Q.7 Select the option in which the given figure is embedded (rotation is NOT allowed).

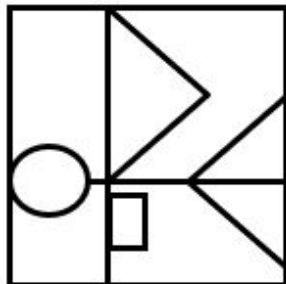


Ans

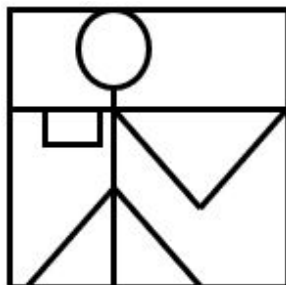
✗ 1.



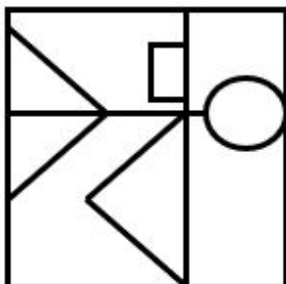
✗ 2.



✓ 3.



✗ 4.



Q.8 EKQW is related to JPVA in a certain way based on the English alphabetical order. In the same way, BHNT is related to GMSX. To which of the following is PVBH related, following the same logic?

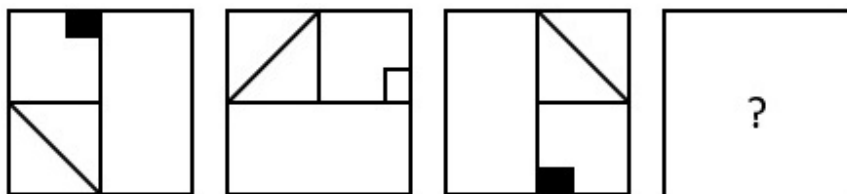
Ans ✗ 1. UABL

✓ 2. UAGL

✗ 3. UCGL

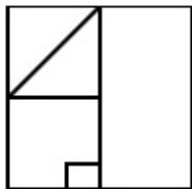
✗ 4. UBGL

Q.9 Select the figure from the options that can replace the question mark (?) and logically complete the series.

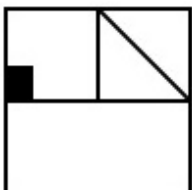


Ans

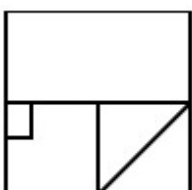
✗ 1.



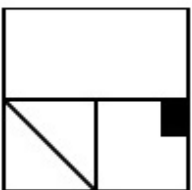
✗ 2.



✓ 3.



✗ 4.



Q.10 Seven friends, Monu, Abhay, Vicky, Chitti, Deva, Hamza and Sanjay, are attending Hamza's birthday party and sitting in a circular arrangement facing the centre (but not necessarily in the same order).
 Monu is an immediate neighbour of Abhay and Deva.
 Abhay is second to the left of Hamza.
 Sanjay is one of the immediate neighbours of Hamza.
 Chitti is an immediate neighbour of both Deva and Vicky.
 Who is sitting third to the left of Monu?

Ans

✗ 1. Hamza

✗ 2. Deva

✗ 3. Sanjay

✓ 4. Vicky

Q.11 What will come in place of the question mark (?) of the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$22 \times 11 + 13 - 12 \div 2 = ?$$

Ans

✗ 1. 22

✗ 2. 35

✗ 3. 17

✓ 4. 13

Q.12 MAZE is related to QEDI in a certain way based on the English alphabetical order. In the same way, YMLQ is related to CQPU. To which of the following is OCBG related, following the same logic?

Ans

✗ 1. SFGK

✗ 2. SGKF

✗ 3. GKSF

✓ 4. SGFK

Q.13 Six players Jadeja, Ashwin, Karthik, Murli, Sarfaraz and Virat are sitting around a circular table, facing the centre (but not necessarily in the same order) . Virat is sitting to the immediate right of Jadeja. Only Sarfaraz is sitting between Virat and Murli. Jadeja is an immediate neighbour of Ashwin. Who is immediate neighbour of both Sarfaraz and Karthik?

- Ans**
-  1. Virat
 -  2. Ashwin
 -  3. Murli
 -  4. Jadeja

Q.14 181 is related to 417 following a certain logic. Following the same logic, 149 is related to 385. To which of the following is 262 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
-  1. 465
 -  2. 437
 -  3. 474
 -  4. 498

Q.15 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
SDW, OHS, KLO, GPK ,?

- Ans**
-  1. BTG
 -  2. CTG
 -  3. CSG
 -  4. BSG

Q.16 What should come in place of the question mark (?) in the given series?

89 92 98 107 119 ?

- Ans**
-  1. 124
 -  2. 134
 -  3. 114
 -  4. 144

Q.17 In a code language, 'RAMESH' is written as 'UAPEVK' and 'TOM' is written as 'WOP'. How will 'MEGHANA' be written in the same language?

- Ans**
-  1. PDJKAQA
 -  2. QDJKAQA
 -  3. QEJKAQA
 -  4. PEJKAQA

Q.18 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

B	Z	8	↑	A	Q	Q	↑	A	R	8	B	
↑	R	Q	B	Z	8	R	△	B	Q	↑	A	
S		A	R		S	S		8	△		S	
												?

Ans

✗ 1.

8	B	R
A	Q	↑
S		△

✗ 2.

B	R	8
△	U	S
Q		A

✓ 3.

B	R	8
△	U	Q
S		A

✗ 4.

B	R	8
A	U	S
Q		△

Q.19 In a code language, 'ARVL' is coded as 'FOAI' and 'DOXY' is coded as 'ILCV'. How will 'MPSB' be coded in that language?

- Ans
- ✗ 1. RNXZ
 - ✗ 2. QMWY
 - ✗ 3. QNWZ
 - ✓ 4. RMXV

Q.20 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(25, 8, 400)
(12, 14, 336)

- Ans
- ✓ 1. (16, 21, 672)
 - ✗ 2. (19, 8, 152)
 - ✗ 3. (17, 11, 189)
 - ✗ 4. (22, 9, 198)

Q.1 Which of the following crops takes almost a year to grow?

- Ans**
-  1. Soyabean
 -  2. Sugarcane
 -  3. Ragi
 -  4. Groundnut

Q.2 Which of the following options is an example of a decomposer in an ecosystem?

- Ans**
-  1. Fungus
 -  2. Producer
 -  3. Herbivore
 -  4. Carnivore

Q.3 Which state received the Sportstar ACES Best State for the Promotion of Sport award in 2024?

- Ans**
-  1. Haryana
 -  2. Tamil Nadu
 -  3. Odisha
 -  4. Punjab

Q.4 Which of following silver coins was introduced by Sultan Shamsuddin Iltutmish?

- Ans**
-  1. Jittal
 -  2. Dinar
 -  3. Tanka
 -  4. Adali

Q.5 Which of the following is an autobiography of LK Advani?

- Ans**
-  1. My Country My Life
 -  2. Exam Warriors
 -  3. Wings of Fire
 -  4. Dare to Dream

Q.6 Who became the first woman to win two gold medals in a single Para Asian Games event in 2023?

- Ans**
-  1. Sheetal Devi
 -  2. Sarita Devi
 -  3. Neema Rani
 -  4. Disha Dhayal

Q.7 The Megalithic site _____ is a site on the river Ghod, a tributary of the Bhima.

- Ans**
-  1. Pottru
 -  2. Hire benakal
 -  3. Hallur
 -  4. Inamgaon

Q.8 In the periodic table, what is the trend for atomic radius as you move from left to right across a period (horizontal row)?

- Ans**
-  1. Atomic radius increases
 -  2. Atomic radius exhibits irregular behaviour
 -  3. Atomic radius decreases
 -  4. Atomic radius remains constant

Q.9 Which of the following white papers, released by NITI Aayog, is related to Public Health Surveillance in India?

- Ans**
-  1. Arogya Mission
 -  2. Vision 2035
 -  3. Dhruv Mission
 -  4. Mission Karmayogi

Q.10 Who among the following social reformers wrote Brahmo Covenant which was a statement of the creed of the Brahmo Samaj?

- Ans**
- ☒ 1. Keshab Chandra Sen
 - ☒ 2. Debendranath Tagore
 - ☐ 3. Raja Ram Mohan Roy
 - ☐ 4. Ishwar Chandra Vidyasagar

Q.11 Gulabo Sapera, a legendary folk dancer from Kalbeliya tribe, Rajasthan, received Padma Shri in the year _____.

- Ans**
- ☒ 1. 2016
 - ☐ 2. 2017
 - ☐ 3. 2023
 - ☐ 4. 2021

Q.12 The legislative powers in India are divided into three lists, which are the Union List, the State List and the _____.

- Ans**
- ☒ 1. Concurrent List
 - ☐ 2. Federal List
 - ☐ 3. Regional List
 - ☐ 4. Exclusive List

Q.13 Sama Chakeva is a folk dance based on the mythological story of the siblings Sama and Chakeva, in which the brother goes to an extreme extent to save his sister. With which State of India is this folk dance associated?

- Ans**
- ☐ 1. Haryana
 - ☐ 2. Punjab
 - ☒ 3. Bihar
 - ☐ 4. Assam

Q.14 The black coating formed on silver jewellery is:

- Ans**
- ☒ 1. Ag_2S
 - ☐ 2. AgNO_3
 - ☐ 3. AgCl
 - ☐ 4. Ag_2CO_3

Q.15 In which of the following states is the famous International Sand Art Festival organised, where artists get enthralled by the diverse thoughts and their elucidation on sand?

- Ans**
- ☒ 1. Odisha
 - ☐ 2. Assam
 - ☐ 3. West Bengal
 - ☐ 4. Bihar

Q.16 According to Global Multidimensional Poverty Index 2022, what was the population of the poor in India in 2020?

- Ans**
- ☐ 1. 328.9 million
 - ☒ 2. 228.9 million
 - ☐ 3. 128.9 million
 - ☐ 4. 428.9 million

Q.17 Which sector uses the groundwater maximally?

- Ans**
- ☐ 1. Domestic
 - ☐ 2. Industrial
 - ☒ 3. Agriculture
 - ☐ 4. Educational

Q.18 Wasifuddin Dagar was associated with which of the following classical music genres?

- Ans**
- ☐ 1. Tarana
 - ☐ 2. Ghazal
 - ☐ 3. Khyal
 - ☒ 4. Dhrupad

Q.19 The Dudhsagar waterfall is a major tourist place of _____ State.

- Ans**
- ☐ 1. Chhattisgarh
 - ☐ 2. Nagaland
 - ☐ 3. Meghalaya
 - ☒ 4. Goa

Q.20 Who amongst the following said that the government fiscal policy should be used to stabilise the level of output and employment?

- Ans**
- ☐ 1. Lionel Charles Robbins
 - ☐ 2. Adam Smith
 - ☒ 3. JM Keynes
 - ☐ 4. Alfred Marshall

Q.21 The 'Rule of Law' is a key feature of the Indian Constitution which is a doctrine ascribed to _____.

- Ans**
- ☒ 1. Albert Venn Dicey
 - ☐ 2. Adam Smith
 - ☐ 3. Plato
 - ☐ 4. Karl Marx

Q.22 The part of a temple wherein the main deity of the temple is housed is known as the _____.

- Ans**
- ☐ 1. Stupa
 - ☐ 2. Mandap
 - ☒ 3. Garbha Griha
 - ☐ 4. Shikara

Q.23 Who among the following Governor Generals of India wrote about the predicament of Indian weavers, "The bones of the cotton weavers are scattered on the plains of India"?

- Ans**
- ☐ 1. Lord Minto
 - ☐ 2. Lord Amherst
 - ☒ 3. Lord William Bentinck
 - ☐ 4. Sir John Shore

Q.24 The strength of Supreme Court has increased to how many judges as of 13 Feb 2023?

- Ans**
- ☒ 1. 34
 - ☐ 2. 28
 - ☐ 3. 30
 - ☐ 4. 26

Q.25 When was the Lahore declaration signed between India and Pakistan?

- Ans**
- ☐ 1. July 1948
 - ☐ 2. December 1991
 - ☐ 3. August 1998
 - ☒ 4. February 1999

Section : **English Language and Comprehension**

Q.1 Select the most appropriate synonym of the underlined word.

The students demonstrated their excitement by volunteering for community service.

- Ans**
- ☒ 1. enthusiasm
 - ☐ 2. freedom
 - ☐ 3. anxiety
 - ☐ 4. ignorance

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

If she had gone to the party, she could have met Amit.

- Ans**
- ☒ 1. have went to the party
 - ☒ 2. has gone to the party
 - ☒ 3. No substitution required
 - ☒ 4. had go to the party

Q.3 Select the correct spelling of the underlined word in the given sentence.

We do not expet Reema to follow all the rules from the first day of work.

- Ans**
- ☒ 1. execpt
 - ☒ 2. expact
 - ☒ 3. expect
 - ☒ 4. expict

Q.4 Select the most appropriate meaning of the underlined **phrase**.

I should look into my past and decide what the next course of action should be.

- Ans**
- ☒ 1. Disrespect
 - ☒ 2. Prospect
 - ☒ 3. Introspect
 - ☒ 4. Retrospect

Q.5 Identify the **ANTONYM** pair.

- Ans**
- ☒ 1. Influence and Motivate
 - ☒ 2. Encourage and Support
 - ☒ 3. Dissuade and Encourage
 - ☒ 4. Convince and Persuade

Q.6 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.
Which flower do you like best?

- Ans**
- ☒ 1. better
 - ☒ 2. the best
 - ☒ 3. good
 - ☒ 4. most good

Q.7 The following sentence contains an error. Select the option that correctly rectifies the error.

His aunt who lives at America brought a lot of gifts for him and his sister.

- Ans**
- ☒ 1. in America brought a
 - ☒ 2. lot of gifts by him
 - ☒ 3. and her sister
 - ☒ 4. His aunt which lives

Q.8 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Excess
 - ☒ 2. Express
 - ☒ 3. Aresst
 - ☒ 4. Harass

Q.9 Select the most appropriate synonym of the underlined word.

The team worked together to execute the challenging task.

- Ans**
- ☐ 1. announce
 - ☐ 2. abandon
 - ☒ 3. accomplish
 - ☐ 4. analyse

Q.10 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Alaska in the USA / is the colder / of all the states.

- Ans**
- ☐ 1. No error
 - ☐ 2. Alaska in the USA
 - ☐ 3. of all the states.
 - ☒ 4. is the colder

Q.11 Select the most appropriate meaning of the underlined idiom.
She finally spilled the beans about the surprise party.

- Ans**
- ☐ 1. Dropped a container of beans
 - ☐ 2. Caused a mess
 - ☒ 3. Revealed a secret or disclosed information
 - ☐ 4. Prepared a bean dish

Q.12 Select the most appropriate meaning of the underlined idiom.

Sushant looked blue in the face after the marathon.

- Ans**
- ☐ 1. good
 - ☐ 2. happy
 - ☒ 3. exhausted
 - ☐ 4. sad

Q.13 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The students were diligently / studying for their exams / for weeks before you arrived.

- Ans**
- ☒ 1. The students were diligently
 - ☐ 2. No error
 - ☐ 3. studying for their exams
 - ☐ 4. for weeks before you arrived

Q.14 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The artist believes that this new collection of paintings / has being / a masterpiece that / will redefine contemporary art.

- Ans**
- ☐ 1. The artist believes that this new collection of paintings
 - ☒ 2. has being
 - ☐ 3. will redefine contemporary art
 - ☐ 4. a masterpiece that

Q.15 Select the option with the correct spelling to replace the underlined word in the given sentence.

Polluted air can be dangeros, even if the pollutants are invisible.

- Ans**
- ☐ 1. dangerus
 - ☒ 2. dangerous
 - ☐ 3. dangeres
 - ☐ 4. dangeris

Q.16 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

Commodity prices are the dearer in the present economic scenario.

- Ans**
- ☒ 1. dearest
 - ☐ 2. quite dear
 - ☐ 3. dear
 - ☐ 4. No substitution

Q.17 Select the most appropriate ANTONYM of the given word.
Timid

- Ans**
- ☐ 1. Modest
 - ☒ 2. Bold
 - ☐ 3. Humble
 - ☐ 4. Oppress

Q.18 Select the option that can be used as a one-word substitute for the given group of words.
Something that is so extraordinary or unbelievable that it's hard to believe it

- Ans**
- ☐ 1. Exquisite
 - ☐ 2. Horrible
 - ☐ 3. Ordinary
 - ☒ 4. Incredible

Q.19 Select the option that can be used as a one-word substitute for the given group of words.
A person who abstains from any sort of alcoholic drinks

- Ans**
- ☐ 1. Samaritan
 - ☒ 2. Teetotaler
 - ☐ 3. Veteran
 - ☐ 4. Termagant

Q.20 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.
After the floods, Uttarakhand was in a _____ (ravaged) condition.

- Ans**
- ☐ 1. languid
 - ☒ 2. restored
 - ☐ 3. ratified
 - ☐ 4. influenced

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A brigantine is a two-masted sailing vessel (1)_____ fore-and-aft rigging on the mainmast and square rigging on the foremast. The pirates that (2)_____ the Mediterranean in the sixteenth century loved it for its speed and ease of handling. The brigantine (3)_____ into a true sailing vessel in the waters of northern Europe. Although the words began to be used interchangeably, it was (4)_____ from the fully square-rigged brig by its gaff-rigged mainsail. True brigantines, for (5)_____, were defined as having square topsails above a gaffed mainsail.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. focusing
 - ☐ 2. attending
 - ☐ 3. predicting
 - ☒ 4. featuring

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A brigantine is a two-masted sailing vessel (1)_____ fore-and-aft rigging on the mainmast and square rigging on the foremast. The pirates that (2)_____ the Mediterranean in the sixteenth century loved it for its speed and ease of handling. The brigantine (3)_____ into a true sailing vessel in the waters of northern Europe. Although the words began to be used interchangeably, it was (4)_____ from the fully square-rigged brig by its gaff-rigged mainsail. True brigantines, for (5)_____, were defined as having square topsails above a gaffed mainsail.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. ravaged
 - ☐ 2. transpired
 - ☐ 3. fixed
 - ☐ 4. integrated

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A brigantine is a two-masted sailing vessel (1)_____ fore-and-aft rigging on the mainmast and square rigging on the foremast. The pirates that (2)_____ the Mediterranean in the sixteenth century loved it for its speed and ease of handling. The brigantine (3)_____ into a true sailing vessel in the waters of northern Europe. Although the words began to be used interchangeably, it was (4)_____ from the fully square-rigged brig by its gaff-rigged mainsail. True brigantines, for (5)_____, were defined as having square topsails above a gaffed mainsail.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. evolved
 - ☐ 2. submitted
 - ☐ 3. garnished
 - ☐ 4. discharged

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A brigantine is a two-masted sailing vessel (1)_____ fore-and-aft rigging on the mainmast and square rigging on the foremast. The pirates that (2)_____ the Mediterranean in the sixteenth century loved it for its speed and ease of handling. The brigantine (3)_____ into a true sailing vessel in the waters of northern Europe. Although the words began to be used interchangeably, it was (4)_____ from the fully square-rigged brig by its gaff-rigged mainsail. True brigantines, for (5)_____, were defined as having square topsails above a gaffed mainsail.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. mourned
 - ☐ 2. spill
 - ☒ 3. join
 - ☐ 4. split

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A brigantine is a two-masted sailing vessel (1)_____ fore-and-aft rigging on the mainmast and square rigging on the foremast. The pirates that (2)_____ the Mediterranean in the sixteenth century loved it for its speed and ease of handling. The brigantine (3)_____ into a true sailing vessel in the waters of northern Europe. Although the words began to be used interchangeably, it was (4)_____ from the fully square-rigged brig by its gaff-rigged mainsail. True brigantines, for (5)_____, were defined as having square topsails above a gaffed mainsail.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. case
 - ☒ 2. instance
 - ☐ 3. mention
 - ☐ 4. location

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	15/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The volume of a right circular cylinder is 2425.5 cm^3 and its base area is 346.5 cm^2 . What is the curved surface area of the cylinder (in cm^2)?

- Ans
- ☐ 1. 364
 - ☐ 2. 284
 - ☒ 3. 462
 - ☐ 4. 588

Q.2 Find the value of the given expression:

$$1.2 \times \frac{15}{36} + 2.5 (16 + 3 \times 2) + \left(6\frac{2}{3} + 6\frac{2}{3} + 6\frac{2}{3}\right)$$

- Ans
- ☐ 1. 57.5
 - ☒ 2. 75.5
 - ☐ 3. 77.5
 - ☐ 4. 75

Q.3 A runner runs 300 metres race in 36 seconds. The runner's speed in km/h is:

- Ans
- ☐ 1. 36
 - ☒ 2. 30
 - ☐ 3. 24
 - ☐ 4. 48

Q.4 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 8% per year rate of interest for 6 years.

- Ans
- ☐ 1. 1400
 - ☐ 2. 1480
 - ☐ 3. 1380
 - ☒ 4. 1440

Q.5 A dishonest shopkeeper promises to sell his goods at cost price. However, he uses a weight that actually weighs 19% less than what is written on it. Find his profit percentage.

- Ans
- ☒ 1. $23\frac{37}{81}\%$
 - ☐ 2. $22\frac{37}{81}\%$
 - ☐ 3. $24\frac{38}{81}\%$
 - ☐ 4. $25\frac{74}{81}\%$

Q.6 The cost price of 25 balls is the same as the selling price of 20 balls. Find the profit percentage.

- Ans**
- ☒ 1. 25%
 - ☐ 2. 15%
 - ☐ 3. 18%
 - ☐ 4. 16.66%

Q.7 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 7% per year rate of interest for 3 years.

- Ans**
- ☐ 1. 460
 - ☐ 2. 360
 - ☒ 3. 420
 - ☐ 4. 380

Q.8 When a class of 40 students took a science test, 25 students had an average score of 80, and the remaining students had an average score of 90. What was the average score of the whole class?

- Ans**
- ☐ 1. 82.75
 - ☐ 2. 80.75
 - ☐ 3. 81.75
 - ☒ 4. 83.75

Q.9 A person sees another person snatching a chain from a lady, at a distance of 300 metres. He starts running and catches the thief by running at 10 km/h after running a total distance of 1.5 km. The speed at which the thief was running was:

- Ans**
- ☐ 1. 9.5 km/h
 - ☐ 2. 8.5 km/h
 - ☒ 3. 8 km/h
 - ☐ 4. 9 km/h

Q.10 In an amusement park, all rides are equally priced, and the entry ticket for the park costs an additional ₹180. Rohan had 15 rides and paid a total of ₹1,380 for his visit to the park. How much (in ₹) in all would Rohan have to pay for his visit to the amusement park if he had opted for 20 rides?

- Ans**
- ☐ 1. 1760
 - ☐ 2. 1800
 - ☒ 3. 1780
 - ☐ 4. 1840

Q.11 The average age of 14 students and their teacher is 18 years. If the teacher's age is excluded, the average reduces by 1 year. What is the teacher's age?

- Ans**
- ☒ 1. 32
 - ☐ 2. 35
 - ☐ 3. 37
 - ☐ 4. 34

Q.12 A wholesale dealer announced during the festival season that they are offering 'buy 4 shirts, get one free', then find the net discount percentage given by the dealer.

- Ans**
- ☐ 1. 10%
 - ☒ 2. 20%
 - ☐ 3. 15%
 - ☐ 4. 5%

Q.13 If the diagonal of a rectangle is 16 cm long and its perimeter is 48 cm long, find the area of the rectangle.

- Ans**
- ☐ 1. 140 cm²
 - ☐ 2. 148 cm²
 - ☐ 3. 120 cm²
 - ☒ 4. 160 cm²

Q.14 If the average marks of three batches of 40, 50 and 60 students, respectively, is 50, 60 and 75, then the average marks of all the students is:

Ans  1. 63.33
 2. 61.25
 3. 65.50
 4. 70.00

Q.15 Vipul, Ashima, and Priya invested a total of ₹21,000 at 3%, 6%, and 5% per annum, respectively, on simple interest. If at the end of the year, all three persons received an equal amount of interest, then the amount (in ₹) invested by Ashima is:

Ans  1. 4,000
 2. 3,000
 3. 2,000
 4. 5,000

Q.16 The batting average of a cricket player for 40 innings is 60 runs. His highest score in an innings exceeds his lowest score by 110 runs. If these two innings are excluded, the average score of the remaining 38 innings is 58 runs. Find his highest score.

Ans  1. 310
 2. 220
 3. 153
 4. 290

Q.17 An investment grows by 15% in the first month, 20% in the second month, and then decreases by 10% in the third month. If the initial investment was ₹5000, then the final amount (in ₹) is:

Ans  1. 6,210
 2. 6,340
 3. 6,420
 4. 6,602

Q.18 By selling an article for ₹720, I lose 10%. For what price should I sell it to gain 10%?

Ans  1. ₹800
 2. ₹880
 3. ₹710
 4. ₹740

Q.19 The greatest possible length of a scale that can exactly measure a cloth of lengths 250 cm, 420 cm and 710 cm is:

Ans  1. 170 cm
 2. 71 cm
 3. 10 cm
 4. 460 cm

Q.20 The radius and the height of a right circular cone are in the ratio of 7 : 24 and its volume is 1232 cm^3 . Find the total surface area of the cone. (Use $\pi = \frac{22}{7}$)

Ans  1. 862 cm^2
 2. 628 cm^2
 3. 826 cm^2
 4. 704 cm^2

Section : Reasoning Ability and Problem Solving

Q.1 What should come in place of the question mark (?) in the given series?

647 614 581 548 515 ?

Ans  1. 491
 2. 402
 3. 505
 4. 482

Q.2 In a certain code language, 'DONE' is coded as '7139' and 'TERM' is coded as '6874'. What is the code for 'E' in the given code language?

- Ans**
- ☒ 1. 7
 - ☐ 2. 6
 - ☐ 3. 8
 - ☐ 4. 9

Q.3 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All candies are toffees.
No candy is a bar.

Conclusions:

(I) No toffee is a bar.
(II) Some toffees are candies.

- Ans**
- ☐ 1. Only conclusion I follows.
 - ☐ 2. Both conclusions I and II follow.
 - ☒ 3. Only conclusion II follows.
 - ☐ 4. Neither conclusion I nor II follows.

Q.4 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- No book is a copy.
- All stones are books.

Conclusions:

(I) No copy is a stone.
(II) All books are stones.

- Ans**
- ☐ 1. Only conclusion (II) follows
 - ☒ 2. Only conclusion (I) follows
 - ☐ 3. Both conclusions (I) and (II) follow
 - ☐ 4. Neither conclusion (I) nor (II) follows

Q.5 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)
(9, 63, 7)
(27, 189, 21)

- Ans**
- ☐ 1. (40, 315, 35)
 - ☐ 2. (45, 315, 33)
 - ☒ 3. (45, 315, 35)
 - ☐ 4. (45, 310, 35)

Q.6 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some branches are leaves.
Some leaves are cables.

Conclusions:

(I) Atleast some cables are branches.
(II) Some cables are leaves.

- Ans**
- ☒ 1. Only conclusion (II) follows.
 - ☐ 2. Neither conclusion (I) nor (II) follows.
 - ☐ 3. Both conclusions (I) and (II) follow.
 - ☐ 4. Only conclusion (I) follows.

Q.7 4 is related to 32 following a certain logic. Following the same logic, 11 is related to 88. To which of the following is 6 related, following the same logic?

(Note: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 48
 - ☐ 2. 36
 - ☐ 3. 56
 - ☐ 4. 42

Q.8 VOJP is related to SLGM in a certain way based on the English alphabetical order. In the same way, XQLR is related to UNIO. To which of the following is ZSNT related following the same logic?

- Ans**
- ☐ 1. PWQK
 - ☐ 2. PWKQ
 - ☒ 3. WPKQ
 - ☐ 4. WPQK

Q.9 M, N, O, P, Q, R and S are sitting around a circular table facing the centre (but not necessarily in the same order). Q is an immediate neighbour of both R and P. M sits second to the left of R. O sits second to the left of M. S is not an immediate neighbour of O. The position of how many persons will remain unchanged if all persons are arranged in alphabetical order in a clockwise direction starting from 'M'?

- Ans**
- ☒ 1. Seven
 - ☐ 2. Five
 - ☐ 3. Six
 - ☐ 4. Four

Q.10 In a certain code language, 'MANAGE' is coded as 'IKEREQ' and 'RACE' is coded as 'IGEV'. What is the code for 'SYMPHONY' in the given code language?

- Ans**
- ☐ 1. CRSLTPCW
 - ☐ 2. CRSLSQCW
 - ☐ 3. CRSLTRCW
 - ☒ 4. CRSLTQCW

Q.11 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $18 \div 5 + 8 \times 4 - 3 = ?$

- Ans**
- ☐ 1. 85
 - ☐ 2. 83
 - ☐ 3. 78
 - ☒ 4. 91

Q.12 Which two numbers should be interchanged to make the following equation correct?

$$(15 \div 3) \times 11 + 48 - 21 \times 2 + 8 = 57$$

(Note: Interchange should be done of the entire number and not individual digits of a given number.)

- Ans**
- ☒ 1. 11 and 8
 - ☐ 2. 21 and 8
 - ☐ 3. 15 and 48
 - ☐ 4. 15 and 21

Q.13 In a certain code language, 'CAREER' is coded as 'EBTFGS' and 'CARING' is coded as 'EBTJPH'. How will 'CENTER' be coded in the same language?

- Ans**
- ☐ 1. EFPVGS
 - ☐ 2. DGOVFT
 - ☒ 3. EFPUGS
 - ☐ 4. DFPVFT

Q.14 What should come in place of the question mark (?) in the following series?
250, 246, 242, ?, 234, 230

- Ans**
- ☐ 1. 240
 - ☒ 2. 238
 - ☐ 3. 239
 - ☐ 4. 241

Q.15 DBCA is related to WYXZ in a certain way. In the same way, LJKI is related to OQPR. To which of the following is HFGE related, following the same logic?

- Ans**
- ☐ 1. STUV
 - ☒ 2. SUTV
 - ☐ 3. SVTU
 - ☐ 4. STVU

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(235, 69, 166)
(356, 88, 268)

- Ans**
- ☒ 1. (425, 119, 306)
 - ☐ 2. (526, 5, 399)
 - ☐ 3. (115, 16, 375)
 - ☐ 4. (445, 5, 222)

Q.17 What should come in place of the question mark (?) in the following series based on the English alphabetical order?
YDY, WGT ,UJO ,SMJ, ?

- Ans**
- ☐ 1. PPF
 - ☐ 2. PPE
 - ☒ 3. QPE
 - ☐ 4. PPD

Q.18 FD7 is related to KI12 in a certain way. In the same way, PN18 is related to US23. To which of the following is AY21 related following the same logic?

- Ans**
- ☐ 1. FD25
 - ☐ 2. HF26
 - ☒ 3. FD26
 - ☐ 4. HF25

Q.19 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). Only three people are sitting between C and G when counted from the right of C. E is sitting third to the left of G. Exactly one person is sitting between E and F when counted from the left of E. D is sitting to the immediate left of B. How many people are sitting between A and D when counted from the left of A?

- Ans**
- ☐ 1. 3
 - ☐ 2. 1
 - ☐ 3. 4
 - ☒ 4. 2

Q.20 In a code language, 'HWCY' is coded as 'KBJH' and 'REPU' is coded as 'UJWD'. How will 'AXMQ' be coded in that language?

- Ans**
- ☐ 1. ECUZ
 - ☐ 2. DBTY
 - ☐ 3. CBSY
 - ☒ 4. DCTZ

Q.1 A disease like COVID-19 is a kind of:

- Ans**
- ☐ 1. Waterborne disease
 - ☐ 2. Protein Deficiency disease
 - ☒ 3. Zoonotic disease
 - ☐ 4. Foodborne disease

Q.2 What does Age Structure represent?

- Ans**
- ☐ 1. The number of females per 100 males in a given area at a specified time period
 - ☐ 2. The number of females per 1000 males in a given area at a specified time period
 - ☒ 3. The proportion of persons in different age groups relative to the total population
 - ☐ 4. A measure comparing the portion of a population composed of dependents with the portion that is in the working age group

Q.3 The temperature of -273.15°C is called _____.

- Ans**
- ☐ 1. zero-point energy
 - ☐ 2. freezing point of water
 - ☐ 3. standard temperature
 - ☒ 4. absolute zero temperature

Q.4 In which of the following cities was the first successful textile mill established in India in the year 1854?

- Ans**
- ☒ 1. Bombay
 - ☐ 2. Bhopal
 - ☐ 3. Calcutta
 - ☐ 4. New Delhi

Q.5 Which of the following awards was conferred upon the Chhau dancer Siba Prasad Das in 2022?

- Ans**
- ☐ 1. Ustad Bismillah Khan Yuva Puraskar
 - ☒ 2. Sangeet Natak Akademi Amrit Award
 - ☐ 3. Padma Shri
 - ☐ 4. Sangeet Natak Akademi Fellowship

Q.6 In 1836, _____ became the Governor General of India.

- Ans**
- ☒ 1. Earl of Auckland
 - ☐ 2. Lord Hastings
 - ☐ 3. Robert Clive
 - ☐ 4. Lord Curzon

Q.7 As per Census 2011, which of the following states has the highest percentage of Buddhist population in India?

- Ans**
- ☐ 1. Karnataka
 - ☐ 2. Arunachal Pradesh
 - ☒ 3. Sikkim
 - ☐ 4. Himachal Pradesh

Q.8 Which of the following river valleys is NOT known for coal deposits in India?

- Ans**
- ☒ 1. Satluj
 - ☐ 2. Godavari
 - ☐ 3. Son
 - ☐ 4. Mahanadi

Q.9 Which of the following microfinance units were established in India at the time of independence?

- Ans**
- ☒ 1. Rural Cooperatives
 - ☐ 2. Self Help Groups
 - ☐ 3. Grameen Model Banks
 - ☐ 4. Joint Liability Groups

Q.10 The percentage of sunlight energy absorbed by the green plants in a terrestrial ecosystem is about _____.

- Ans**
- ☐ 1. 2%
 - ☐ 2. 1.5%
 - ☒ 3. 1%
 - ☐ 4. 0.5%

Q.11 The Early Vedic economy was primarily based on _____ activity.

- Ans**
- ☐ 1. agricultural
 - ☒ 2. pastoral
 - ☐ 3. Mining Iron ore
 - ☐ 4. trading

Q.12 Who among the following is the dance guru from Odisha credited with having revived the Odissi dance form?

- Ans**
- ☐ 1. Vyjayanthimala
 - ☐ 2. Birju Maharaj
 - ☐ 3. Sujata Mohapatra
 - ☒ 4. Kelucharan Mohapatra

Q.13 The last Chalukyan King, defeated by the Rashtrakuta King Dantidurga, was _____.

- Ans**
- ☒ 1. Kirtivarman II
 - ☐ 2. Vikramaditya I
 - ☐ 3. Vikramaditya II
 - ☐ 4. Pulakesin II

Q.14 Who is properly known as the 'Grand Old Lady' of the Independence Movement?

- Ans**
- ☒ 1. Aruna Asaf Ali
 - ☐ 2. Madam Cama
 - ☐ 3. Sarojini Naidu
 - ☐ 4. Usha Mehta

Q.15 Chitti Babu is a famous player of which of the following musical instruments?

- Ans**
- ☐ 1. Mridangam
 - ☒ 2. Veena
 - ☐ 3. Sarangi
 - ☐ 4. Nadaswaran

Q.16 The GV Raja Memorial Trophy, Sir Ashutosh Mukherjee Trophy and Santosh Trophy are related to which of the following sports in India?

- Ans**
- ☐ 1. Tennis
 - ☐ 2. Hockey
 - ☐ 3. Cricket
 - ☒ 4. Football

Q.17 The Directive Principles of State Policy are influenced by which of the following?

- Ans**
- ☒ 1. Gandhian philosophy
 - ☐ 2. Rule of Law of England
 - ☐ 3. American declaration of independence
 - ☐ 4. French declaration of human rights

Q.18 Which of the following harvest and cultural festivals is celebrated by the Tamil community every year in January?

- Ans**
- ☐ 1. Theyyam
 - ☐ 2. Makaravillakku
 - ☐ 3. Vishu
 - ☒ 4. Pongal

Q.19	In February 2023, who was appointed as the new Governor of Himachal Pradesh?
Ans	 1. Satyadev Narayan Arya  2. Kalraj Mishra  3. Shiv Pratap Shukla  4. Bandaru Dattatreya
Q.20	Who is the author of the novel ‘Life and Death of Sambhaji’ published in the year 2021?
Ans	 1. Rita Banerji  2. Chitra Banerjee Divakaruni  3. Medha Deshmukh Bhaskaran  4. Amish Tripathi
Q.21	As per Article 163 of the Constitution of India, any advice tendered by Ministers to the _____ shall not be inquired into in any court.
Ans	 1. Chief Minister  2. Chief Justice  3. President  4. Governor
Q.22	Select the correct combination of famous palaces and their locations in Rajasthan.
Ans	 1. Umaid Bhawan Palace – Udaipur  2. Lalgarh Palace - Bikaner  3. Rambagh Palace – Jodhpur  4. Taj Lake Palace – Jaipur
Q.23	In which year was the first Senior Women's National Football Championship held in India?
Ans	 1. 2000  2. 1950  3. 1992  4. 1995
Q.24	The amount of dissolved oxygen in water becomes lowest at what time of the day?
Ans	 1. At night time  2. In the dawn  3. In the evening  4. In the afternoon
Q.25	In 2023, which repository is proposed to be set up in a digital epigraphy museum, with digitisation of one lakh ancient inscriptions in the first stage?
Ans	 1. Progressive Repository of Indigenous Folklore  2. Indian Repository of Classical Coins  3. Bharat Shared Repository of Inscriptions  4. Amrit Repository of Numismatic Collection

Section : **English Language and Comprehension**

Q.1	Select the most appropriate option to substitute the underlined segment in the given sentence. Heba <u>dropped of the club unexpectedly</u> to say hello and catch up.
Ans	 1. dropped by the club unexpectedly  2. dropped besides the club unexpectedly  3. dropped for the club unexpectedly  4. dropped between the club unexpectedly

Q.2 Select the option that will improve the underlined part of the given sentence.

Seizing the opportunity, Akhil decided to take the bull with the horns.

- Ans**
- ☒ 1. take the bull by the horns
 - ☐ 2. take the bull at the horns
 - ☐ 3. take the bull in the horns
 - ☐ 4. take the bull on the horns

Q.3 Identify the word that can replace the INCORRECTLY spelt word in the given sentence.

The explorer discovered a hiddden cave deep in the heart of the jungle.

- Ans**
- ☒ 1. hidden
 - ☐ 2. hiddeen
 - ☐ 3. hiden
 - ☐ 4. hiddenn

Q.4 Select the most appropriate option to fill in the blank.

The rising interest in and concern about animal welfare resulted in legislative laws and the formation of The Animal _____ Committee in many nations.

- Ans**
- ☒ 1. Ethics
 - ☐ 2. Customs
 - ☐ 3. Resistant
 - ☐ 4. Considers

Q.5 Select the most appropriate option to fill in the blank.

Please _____ with me for a while

- Ans**
- ☐ 1. bar
 - ☒ 2. bear
 - ☐ 3. bairn
 - ☐ 4. bare

Q.6 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options. Select the correct alternative.

He was studying in the dimmer light.

- Ans**
- ☐ 1. dimmest
 - ☒ 2. dim
 - ☐ 3. most dim
 - ☐ 4. more dim

Q.7 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options. Select the correct alternative.

He is truest to his words.

- Ans**
- ☐ 1. truly
 - ☐ 2. most truly
 - ☐ 3. truer
 - ☒ 4. true

Q.8 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Sam and Teena / had wondering / what to do this weekend.

- Ans**
- ☐ 1. No error
 - ☒ 2. had wondering
 - ☐ 3. what to do this weekend
 - ☐ 4. Sam and Teena

Q.9 Select the most appropriate option to fill in the blank.
_____ we gave them was some homemade ice cream.

- Ans**
- ☒ 1. What
 - ☐ 2. Which
 - ☐ 3. When
 - ☐ 4. While

Q.10 Select the option that rectifies the spelling error in the following sentence.

In his persuit of excellence, he forgot to take care of his health.

- Ans**
- ☐ 1. persoot
 - ☐ 2. persuite
 - ☒ 3. pursuit
 - ☐ 4. pursuite

Q.11 Select the most appropriate meaning of the given idiom.
Like a bat out of hell

- Ans**
- ☐ 1. In a bad situation
 - ☐ 2. Defeated
 - ☐ 3. Impossible
 - ☒ 4. Very fast and wildly

Q.12 Select the most appropriate synonym of the underlined word.
Her austere lifestyle reflected her minimalist approach to living.

- Ans**
- ☐ 1. Giddy
 - ☒ 2. Sombre
 - ☐ 3. Happy
 - ☐ 4. Luxurious

Q.13 Select the most appropriate ANTONYM of the given word.

Procrastination

- Ans**
- ☒ 1. Eagerness
 - ☐ 2. Hesitance
 - ☐ 3. Hawing
 - ☐ 4. Timidness

Q.14 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Although our new boss knew he was wrong, he was too obstinate to accept that.

- Ans**
- ☐ 1. Fearless
 - ☐ 2. Competent
 - ☒ 3. Flexible
 - ☐ 4. Adamant

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The sky is covering / with dark clouds and / I hope soon it / will begin to rain.

- Ans**
- ☒ 1. The sky is covering
 - ☐ 2. I hope soon it
 - ☐ 3. will begin to rain
 - ☐ 4. with dark clouds and

Q.16 Select the option that correctly rectifies the underlined spelling error in the given sentence.
Women and children were often employed in the textile industry during the first centuary of industrialisation.

- Ans**
- ☐ 1. centuarie
 - ☒ 2. century
 - ☐ 3. centurie
 - ☐ 4. centuari

Q.17 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
This is the best novel / I have read, / in a very long time.

- Ans**
- ☒ 1. This is the best novel
 - ☒ 2. No error
 - ☒ 3. in a very long time
 - ☒ 4. I have read

Q.18 Select the most appropriate meaning of the given idiom.

at top of your lungs

- Ans**
- ☒ 1. extremely silly
 - ☒ 2. exhausted
 - ☒ 3. pretend superiority
 - ☒ 4. extremely loudly

Q.19 The given sentence is divided into three segments. Select the option that has the segment with a grammatical error. If there is no error, select 'No error'.

The committee has careful / considered the report which you sent us / and has decided to take action.

- Ans**
- ☒ 1. and has decided to take action.
 - ☒ 2. No error
 - ☒ 3. The committee has careful
 - ☒ 4. considered the report which you sent us

Q.20 Select the most appropriate ANTONYM of the underlined word.

You seem to be mean to your seniors.

- Ans**
- ☒ 1. modest
 - ☒ 2. rude
 - ☒ 3. sympathetic
 - ☒ 4. apathetic

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Language is a powerful device that (1)_____ communication and interaction between individuals. It serves as a crucial tool for expressing thoughts, emotions, and ideas. (2)_____ richness of language can be observed in various forms, including spoken and written interaction. People employ language to convey their intentions, share knowledge, and build relationships. It is a fundamental aspect of human interaction and plays a vital role in shaping societies and cultures. Without language, cooperation would be (3)_____, as it serves as the foundation for collaboration and understanding among diverse communities. Furthermore, language is dynamic and stationary, evolving over time to adapt to changing environments. New words are (4)_____ into the vocabulary, reflecting advancements in technology, science and culture. The ability to modify and adapt language is a key aspect of linguistic competence. (5)_____, the importance of language cannot be underestimated. It is a fundamental tool for human expression and interaction, facilitating the exchange of ideas and the formation of connections among people.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. facilitates
 - ☒ 2. experiences
 - ☒ 3. delays
 - ☒ 4. qualifies

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Language is a powerful device that (1)_____ communication and interaction between individuals. It serves as a crucial tool for expressing thoughts, emotions, and ideas. (2)_____ richness of language can be observed in various forms, including spoken and written interaction. People employ language to convey their intentions, share knowledge, and build relationships. It is a fundamental aspect of human interaction and plays a vital role in shaping societies and cultures. Without language, cooperation would be (3)_____, as it serves as the foundation for collaboration and understanding among diverse communities. Furthermore, language is dynamic and stationary, evolving over time to adapt to changing environments. New words are (4)_____ into the vocabulary, reflecting advancements in technology, science and culture. The ability to modify and adapt language is a key aspect of linguistic competence. (5)_____, the importance of language cannot be underestimated. It is a fundamental tool for human expression and interaction, facilitating the exchange of ideas and the formation of connections among people.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans
- ☒ 1. An
 - ☒ 2. No article
 - ☒ 3. The
 - ☒ 4. A

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Language is a powerful device that (1)_____ communication and interaction between individuals. It serves as a crucial tool for expressing thoughts, emotions, and ideas. (2)_____ richness of language can be observed in various forms, including spoken and written interaction. People employ language to convey their intentions, share knowledge, and build relationships. It is a fundamental aspect of human interaction and plays a vital role in shaping societies and cultures. Without language, cooperation would be (3)_____, as it serves as the foundation for collaboration and understanding among diverse communities. Furthermore, language is dynamic and stationary, evolving over time to adapt to changing environments. New words are (4)_____ into the vocabulary, reflecting advancements in technology, science and culture. The ability to modify and adapt language is a key aspect of linguistic competence. (5)_____, the importance of language cannot be underestimated. It is a fundamental tool for human expression and interaction, facilitating the exchange of ideas and the formation of connections among people.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans
- ☒ 1. challenges
 - ☒ 2. challenger
 - ☒ 3. challenging
 - ☒ 4. challenge

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Language is a powerful device that (1)_____ communication and interaction between individuals. It serves as a crucial tool for expressing thoughts, emotions, and ideas. (2)_____ richness of language can be observed in various forms, including spoken and written interaction. People employ language to convey their intentions, share knowledge, and build relationships. It is a fundamental aspect of human interaction and plays a vital role in shaping societies and cultures. Without language, cooperation would be (3)_____, as it serves as the foundation for collaboration and understanding among diverse communities. Furthermore, language is dynamic and stationary, evolving over time to adapt to changing environments. New words are (4)_____ into the vocabulary, reflecting advancements in technology, science and culture. The ability to modify and adapt language is a key aspect of linguistic competence. (5)_____, the importance of language cannot be underestimated. It is a fundamental tool for human expression and interaction, facilitating the exchange of ideas and the formation of connections among people.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans
- ☒ 1. integrated
 - ☒ 2. integral
 - ☒ 3. integration
 - ☒ 4. integrity

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Language is a powerful device that (1)_____ communication and interaction between individuals. It serves as a crucial tool for expressing thoughts, emotions, and ideas. (2)_____ richness of language can be observed in various forms, including spoken and written interaction. People employ language to convey their intentions, share knowledge, and build relationships. It is a fundamental aspect of human interaction and plays a vital role in shaping societies and cultures. Without language, cooperation would be (3)_____, as it serves as the foundation for collaboration and understanding among diverse communities. Furthermore, language is dynamic and stationary, evolving over time to adapt to changing environments. New words are (4)_____ into the vocabulary, reflecting advancements in technology, science and culture. The ability to modify and adapt language is a key aspect of linguistic competence. (5)_____, the importance of language cannot be underestimated. It is a fundamental tool for human expression and interaction, facilitating the exchange of ideas and the formation of connections among people.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. In spite of
 -  2. In any case
 -  3. In conclusive
 -  4. In order to

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	15/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The original breadth of a rectangular box is 25 cm. The box was then remade in such a way that its length was increased by 30% but the breadth decreased by 20% and the area increased by 100 cm^2 . What is the length (in cm) of the new box?

- Ans
- ☐ 1. 91
 - ☒ 2. 130
 - ☐ 3. 100
 - ☐ 4. 109

Q.2 What is the ratio between the area of a square having side of 6 cm and that of the rhombus having diagonals of 8 cm and 6 cm?

- Ans
- ☐ 1. 2 : 5
 - ☐ 2. 4 : 5
 - ☐ 3. 3 : 4
 - ☒ 4. 3 : 2

Q.3 The average weight of a certain number of apples in a basket was 0.5 kg. If 10 apples with an average weight of 0.7 kg are removed from the basket and 5 apples with an average weight of 0.6 kg are added to the basket, then the average weight of the apples in the basket decreases by 0.1 kg. What was the initial number of apples in the basket?

- Ans
- ☐ 1. 19
 - ☐ 2. 21
 - ☐ 3. 18
 - ☒ 4. 20

Q.4 A solid cone has a height of 63 cm and a base radius of 16 cm. If the painting rate is ₹1.75/cm², what will be the total cost (in ₹) of painting the total surface area of the cone? (Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 7186
 - ☐ 2. 7156
 - ☒ 3. 7128
 - ☐ 4. 7166

Q.5 The salary of an employee is reduced by 80% and then the reduced salary is increased by 80%. The percentage loss in the salary of the employee is:

- Ans
- ☐ 1. 54%
 - ☐ 2. 68%
 - ☒ 3. 64%
 - ☐ 4. 58%

Q.6 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 72 kg and 39 kg is:

- Ans**
- ☐ 1. 50.2
 - ☒ 2. 51.2
 - ☐ 3. 53.2
 - ☐ 4. 52.2

Q.7 The mean proportional between the numbers p and q is 8. Which of the following pairs of numbers can be the values of p and q?

- Ans**
- ☐ 1. 10 and 6
 - ☒ 2. 16 and 4
 - ☐ 3. 12 and 3
 - ☐ 4. 12 and 16

Q.8 By selling an article for ₹20, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 35%?

- Ans**
- ☒ 1. 4.55
 - ☐ 2. 6.55
 - ☐ 3. 7.55
 - ☐ 4. 5.55

Q.9 Three students of class VII participated in a race during a school sports day. In a 1 km race, A wins the race with B by 100 m, and in a 300 m race, B beats C by 50 m. Then in the race of 1 km, with what margin will A beat C?

- Ans**
- ☐ 1. 750 m
 - ☒ 2. 250 m
 - ☐ 3. 150 m
 - ☐ 4. 700 m

Q.10 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 9% per year rate of interest for 5 years.

- Ans**
- ☒ 1. 900
 - ☐ 2. 860
 - ☐ 3. 840
 - ☐ 4. 940

Q.11 A thief running at $11\frac{1}{2}$ km/h is chased by a policeman at a speed of $13\frac{1}{2}$ km/h. If the thief is ahead by 900 m, how much time will the policeman take to catch the thief after starting the chase?

- Ans**
- ☒ 1. 27 min
 - ☐ 2. 18 min
 - ☐ 3. 22 min 30 sec
 - ☐ 4. 4 min 30 sec

Q.12 A product having an MRP of ₹29,800 is on sale for ₹28,608 in-store. How much of a discount is being offered on the product?

- Ans**
- ☒ 1. 4%
 - ☐ 2. 3%
 - ☐ 3. 2%
 - ☐ 4. 1%

Q.13 The average mark in an exam was 60. Due to some assessment errors, the marks of 115 students had to be changed from 85 to 50 each, and the new average is 55. The total number of students who appeared in the examination was:

- Ans**
- ☐ 1. 763
 - ☒ 2. 805
 - ☐ 3. 902
 - ☐ 4. 1000

Q.14 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 8% per year rate of interest for 6 years.

- Ans**
- ☐ 1. 1240
 - ☒ 2. 1200
 - ☐ 3. 1140
 - ☐ 4. 1160

Q.15 A man sold an article for ₹237, there by gaining 18.5%. The cost of the article (in ₹) was:

- Ans**
- ☐ 1. 193
 - ☒ 2. 200
 - ☐ 3. 281
 - ☐ 4. 291

Q.16 Simplify the following expression.

$$5\left(\frac{1}{6} + \frac{5}{18}\right) \text{ of } \frac{3}{5} \div 3\frac{4}{5} \times 3\frac{1}{6} - \frac{1}{9}.$$

- Ans**
- ☐ 1. $\frac{55}{43}$
 - ☐ 2. $\frac{55}{34}$
 - ☐ 3. 0
 - ☒ 4. 1

Q.17 The average weight of 30 male workers in a company is 62.5 kg and that of the remaining 20 female workers is 54.5 kg. The average weight of the total workers in the company is:

- Ans**
- ☐ 1. 58.5 kg
 - ☐ 2. 58.3 kg
 - ☐ 3. 59.5 kg
 - ☒ 4. 59.3 kg

Q.18 Find the HCF of 90, 230 and 325.

- Ans**
- ☐ 1. 1
 - ☒ 2. 5
 - ☐ 3. 3
 - ☐ 4. 2

Q.19 A part of the sum of ₹31,000 was lent at 9% per annum simple interest and the remaining at 7% per annum simple interest for a period of 4 years. The total interest received after 4 years was ₹10,500. The ratio of the money lent at 7% to that lent at 9% is:

- Ans**
- ☐ 1. 48 : 31
 - ☐ 2. 31 : 48
 - ☐ 3. 91 : 33
 - ☒ 4. 33 : 91

Q.20 A shopkeeper sold a watch for ₹1,080 at some profit. If he sold it for ₹900, then there would have been a loss equal to one-third of the initial profit. What was the cost price (in ₹) of the watch?

- Ans**
- ☒ 1. 945
 - ☐ 2. 875
 - ☐ 3. 900
 - ☐ 4. 1,025

Q.1 What should come in place of '?' in the given series?

4 , 13 , 31 , 67 , ? , 283 , 571

- Ans**
- ☒ 1. 139
 - ☐ 2. 166
 - ☐ 3. 138
 - ☐ 4. 169

Q.2 DJFL is related to HNJP in a certain way based on the English alphabetical order. In the same way, GMIO is related to KQMS. To which of the following is IOKQ related, following the same logic?

- Ans**
- ☒ 1. MSOU
 - ☐ 2. SMUO
 - ☐ 3. SMOU
 - ☐ 4. MSUO

Q.3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All doors are windows.

All windows are curtains.

Conclusions:

(I) Some windows are doors.

(II) All doors are curtains.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☐ 2. Neither conclusion I nor II follows
 - ☒ 3. Both conclusions I and II follow
 - ☐ 4. Only conclusion I follows

Q.4 22 is related to 132 following a certain logic. Following the same logic, 35 is related to 210. To which of the following is 18 related following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 108
 - ☐ 2. 110
 - ☐ 3. 113
 - ☐ 4. 101

Q.5 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$304 \div 3 + 55 \times 5 - 2 = ?$

- Ans**
- ☐ 1. 902
 - ☐ 2. 901
 - ☐ 3. 904
 - ☒ 4. 903

Q.6 In a certain code language, 'played the piano' is written as 'lo le li' and 'sparkles a piano' is coded as 'lu li la'. How is 'piano' coded in that language?

- Ans**
- ☐ 1. lu
 - ☐ 2. la
 - ☒ 3. li
 - ☐ 4. le

Q.7 In a certain code language, 'write this sentence' is coded as 'aw pm nl' and 'this is mine' is coded as 'nl wb cd'. How is 'this' coded in that code language?

- Ans**
- ☐ 1. cd
 - ☐ 2. aw
 - ☐ 3. wb
 - ☒ 4. nl

Q.8 In a certain code language, 'PURE' is coded as '3792' and 'BURP' is coded as '9537'. What is the code for 'B' in the given code language?

- Ans**
- ☒ 1. 7
 - ☒ 2. 5
 - ☒ 3. 3
 - ☒ 4. 9

Q.9 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

SRQ ,ONM, KJI, GFE, ?

- Ans**
- ☒ 1. CBA
 - ☒ 2. DCB
 - ☒ 3. ABC
 - ☒ 4. BAZ

Q.10 312 is related to 104 following a certain logic. Following the same logic, 363 is related to 121. To which of the following is 375 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 125
 - ☒ 2. 145
 - ☒ 3. 135
 - ☒ 4. 115

Q.11 FHIG is related to HJKI in a certain way based on the English alphabetical order. In the same way, PRSQ is related to RTUS. To which of the following is KMNL related, following the same logic?

- Ans**
- ☒ 1. MNOP
 - ☒ 2. MPON
 - ☒ 3. MOPN
 - ☒ 4. PQRT

Q.12 A, B, C, D, E and F are six friends sitting around a circular dinner table, facing the centre (but not necessarily in the same order). E is an immediate neighbour of F. B is sitting second to the left of A. D is sitting to the immediate right of F. Who is sitting third to the left of A?

- Ans**
- ☒ 1. C
 - ☒ 2. F
 - ☒ 3. B
 - ☒ 4. D

Q.13 What should come in place of the question mark (?) in the given series?

348 350 354 360 368 ?

- Ans**
- ☒ 1. 374
 - ☒ 2. 378
 - ☒ 3. 376
 - ☒ 4. 372

Q.14 6 is related to 37 following a certain logic. Following the same logic, 9 is related to 82. To which of the following is 12 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 152
 - ☒ 2. 148
 - ☒ 3. 135
 - ☒ 4. 145

Q.15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All actors are singers.

All singers are dancers.

Conclusions:

(I) At least some singers are actors.

(II) Some dancers may not be singers.

- Ans**
- ☒ 1. Only I follows
 - ☒ 2. Neither I nor II follows
 - ☒ 3. Both I and II follow
 - ☒ 4. Only II follows

Q.16 This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Some stones are hurting.

Some stones are beautiful.

Conclusions:

(I) Some beautiful stones are hurting.

(II) Some hurting stones are beautiful.

- Ans**
- ☒ 1. Only conclusion (II) follows
 - ☒ 2. Both conclusions (I) and (II) follow
 - ☒ 3. Only conclusion (I) follows
 - ☒ 4. Neither conclusion (I) nor (II) follows

Q.17 In a certain code language, 'COKE' is coded as '1357' and 'JOKE' is coded as '5673'. What is the code for 'J' in the given code language?

- Ans**
- ☒ 1. 7
 - ☒ 2. 5
 - ☒ 3. 3
 - ☒ 4. 6

Q.18 PWSO is related to RYUQ in a certain way based on the English alphabetical order. In the same way, MTPL is related to OVRN. To which of the following is JQMI related following the same logic?

- Ans**
- ☒ 1. SLOK
 - ☒ 2. LSOK
 - ☒ 3. LSKO
 - ☒ 4. SLKO

Q.19 What will come in the place of '?' in the following equation, if '+' and '×' are interchanged and '-' and '÷' are interchanged?
 $18 \div 6 + 5 \times 14 - 7 = ?$

- Ans**
- ☒ 1. -10
 - ☒ 2. 0
 - ☒ 3. 10
 - ☒ 4. -5

Q.20 Seven people P, Q, R, S, T, U and V are sitting around a circular table, facing the centre (but not necessarily in the same order). S is sitting to the immediate left of Q. V is sitting third to the left of S. R is sitting third to the right of T. U is sitting second to the left of R. How many people are sitting between S and R when counted from the right of R?

- Ans**
- ☒ 1. 2
 - ☒ 2. 4
 - ☒ 3. 0
 - ☒ 4. 1

Q.1 In which year was the first-ever motion to remove a Supreme Court Justice signed by the members of Parliament?

- Ans**
-  1. 1995
 -  2. 1991
 -  3. 1993
 -  4. 1988

Q.2 In June 2023, who was appointed as the new Research and Analysis Wing (RAW) chief?

- Ans**
-  1. Samant Goel
 -  2. Arun Kant
 -  3. Ravi Sinha
 -  4. Rajiv Kumar

Q.3 International Day of Non-violence is observed on _____.

- Ans**
-  1. 26 November
 -  2. 15 August
 -  3. 2 October
 -  4. 26 January

Q.4 Which famous medieval singer was born in Gwalior, Madhya Pradesh in the year 1506?

- Ans**
-  1. Chaitanya Deva
 -  2. Swami Haridas
 -  3. Tansen
 -  4. Gopal Nayek

Q.5 Minor points called 'Yuko' are part of which of the following sports?

- Ans**
-  1. Lawn bowls
 -  2. Boxing
 -  3. Judo
 -  4. Skating

Q.6 For which English novel was Ruskin Bond honoured with the Sahitya Akademi Award in 1992?

- Ans**
-  1. The Blue Umbrella
 -  2. A Little Book of Happiness
 -  3. Our Trees Still Grow in Dehra
 -  4. The Room on the Roof

Q.7 At which sports event in India is the Raja Bhalindra Singh Trophy awarded?

- Ans**
-  1. Khelo India Youth Games
 -  2. National Games of India
 -  3. Senior National Kabaddi Championship
 -  4. SGFI Games

Q.8 What is the frequency (f) of a wave with a period of 0.04 seconds?

- Ans**
-  1. 100 Hz
 -  2. 50 Hz
 -  3. 40 Hz
 -  4. 25 Hz

Q.9 Who was the successor of Vima Kadphises in Kushana dynasty?

- Ans**
-  1. Kanishka
 -  2. Kujula Kadphises
 -  3. Menander
 -  4. Kharavela

Q.10 Which of the following communicable diseases is caused by bacteria?

- Ans**
- ☐ 1. Influenza
 - ☐ 2. Dengue
 - ☐ 3. Malaria
 - ☒ 4. Cholera

Q.11 Who received the National Nritya Shiromani award 2019 for promoting Kathak dance form across the world?

- Ans**
- ☐ 1. Aparna Satheesan
 - ☐ 2. Anita Sharma
 - ☐ 3. Jatin Goswami
 - ☒ 4. Anindita Neogy Anaam

Q.12 If a citizen is helping the government in protecting the monuments in his/her area, which of the following fundamental duties is he/she performing?

- Ans**
- ☐ 1. Cherishing and following noble ideas
 - ☒ 2. Valuing and preserving the rich heritage and culture
 - ☐ 3. Promoting scientific temper
 - ☐ 4. Providing opportunities to obtain education

Q.13 Which Indian dynasty is associated with the creation of highly skillful bronze sculptures?

- Ans**
- ☐ 1. Pallava
 - ☒ 2. Chola
 - ☐ 3. Mauryan
 - ☐ 4. Mughal

Q.14 In January 2024, Prime Minister Narendra Modi paid tributes to Savitribai Phule on her birth anniversary. In which field did Savitribai Phule make significant contributions, as highlighted by Prime Minister Modi?

- Ans**
- ☐ 1. Literature and poetry
 - ☐ 2. Military strategy and warfare
 - ☒ 3. Education and social reform
 - ☐ 4. Politics and government leadership

Q.15 Which of the following wars took place in the year 1761?

- Ans**
- ☒ 1. Panipat III
 - ☐ 2. Buxar
 - ☐ 3. Wandiwash
 - ☐ 4. Panipat II

Q.16 Suspended solids in water can increase the haziness of the water. Which of the following represents the measurement of haziness of water?

- Ans**
- ☐ 1. Salinity
 - ☐ 2. Solubility
 - ☒ 3. Turbidity
 - ☐ 4. Viscosity

Q.17 Which Ministry of India launched the Pradhan Mantri Rojgar Protsahan Yojana (PMRPY)?

- Ans**
- ☐ 1. Ministry of Rural Development
 - ☐ 2. Ministry of Social Justice and Empowerment
 - ☒ 3. Ministry of Labour & Employment
 - ☐ 4. Ministry of Finance

Q.18 What is Gross Domestic Product (GDP) in the context of National Income Accounting?

- Ans**
- ☒ 1. The total value of all goods and services produced within a country's borders in a specific period
 - ☐ 2. The total exports of a country
 - ☐ 3. The total savings of a nation
 - ☐ 4. The total income of a country's government

Q.19 In which region of Bangladesh do the Chakma people predominantly live, among the country's various indigenous ethnic groups?

- Ans**
- ☒ 1. Chittagong Hill Tracts
 - ☐ 2. Sylhet Division
 - ☐ 3. Sundarbans Mangrove Forest
 - ☐ 4. Rajshahi Division

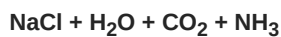
Q.20 The Sarda River rises in the _____ glacier in the Nepal Himalayas.

- Ans**
- ☐ 1. Machoi
 - ☐ 2. Siachen
 - ☒ 3. Milam
 - ☐ 4. Bokhar Chu

Q.21 After the _____ of Hakim Mirza, Kabul was annexed by Akbar and given to Raja Man Singh as 'jagir'.

- Ans**
- ☐ 1. marriage
 - ☐ 2. victory
 - ☐ 3. capture
 - ☒ 4. death

Q.22 What is the product of the following chemical reaction?



- Ans**
- ☐ 1. Washing soda
 - ☐ 2. Bleaching powder
 - ☐ 3. Gypsum
 - ☒ 4. Baking soda

Q.23 Which of the following iron and steel plants is located in Odisha?

- Ans**
- ☐ 1. Bokaro
 - ☐ 2. Vishakhapatnam
 - ☐ 3. Vijay Nagar
 - ☒ 4. Rourkela

Q.24 Which great Indian classical dancer choreographed the songs for Madhuri Dixit in 'Devdas' and 'Dil To Pagal Hai' movies?

- Ans**
- ☒ 1. Birju Maharaj
 - ☐ 2. Ganesh Hegde
 - ☐ 3. Prabhu Deva
 - ☐ 4. Farah Khan

Q.25 In 1917, Mahatma Gandhi started his first satyagraha in India against the forced cultivation of indigo by Europeans in which of the following districts of British India?

- Ans**
- ☒ 1. Champaran
 - ☐ 2. Buxar
 - ☐ 3. Ahmedabad
 - ☐ 4. Kheda

Section : **English Language and Comprehension**

Q.1 The bat flew silently through the night, searching for insects to eat. The bat in this context refers to _____.

- Ans**
- ☐ 1. a wooden tool utilised in sports like baseball or cricket
 - ☐ 2. the act of delivering a forceful strike or hit
 - ☒ 3. a mammal known for nocturnal flight and insect consumption
 - ☐ 4. a measurement unit in digital information systems

Q.2 Select the most appropriate option to fill in the blank.
I will try to _____ because he is a good friend of mine.

- Ans**
- ☒ 1. show him the door
 - ☒ 2. get him off the hook
 - ☒ 3. stop him in his tracks
 - ☒ 4. avoid him like the plague

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Dolphins are named among the intelligent animals on earth.

- Ans**
- ☒ 1. intelligenter
 - ☒ 2. intelligentest
 - ☒ 3. more intelligent
 - ☒ 4. most intelligent

Q.4 Change the following sentence into positive degree.

Mercury is the smallest planet in the solar system.

- Ans**
- ☒ 1. The most smallest planet in the solar system is mercury.
 - ☒ 2. Mercury is smaller than any other planet in the solar system.
 - ☒ 3. Mercury is the smallest planet than any other one.
 - ☒ 4. No other planet is as small as Mercury in the Solar System.

Q.5 Select the sentence that has a grammatical error.

- Ans**
- ☒ 1. After a tiring day, I had a cup of coffee with Sudhir.
 - ☒ 2. She saw an excellent episode of the series.
 - ☒ 3. She asked an easy question, and I took an hour to crack it.
 - ☒ 4. There is a man sitting beside cat.

Q.6 Select the most appropriate option to fill in the blank.

The teacher asked us to _____ our homework by tomorrow.

- Ans**
- ☒ 1. complete
 - ☒ 2. completes
 - ☒ 3. completed
 - ☒ 4. completing

Q.7 Select the most appropriate option to fill in the blank.

I remember _____ when she used to wash dishes in a restaurant.

- Ans**
- ☒ 1. the business
 - ☒ 2. the area
 - ☒ 3. the profile
 - ☒ 4. the time

Q.8 Select the most appropriate option that can substitute the underlined words in the given sentence.

Thousands of people were killed by the train accident that took place last Wednesday.

- Ans**
- ☒ 1. killed to
 - ☒ 2. killed of
 - ☒ 3. killed from
 - ☒ 4. killed in

Q.9 The following sentence has been split into four segments. Identify the segment that contains a spelling error.

This item is in the public domain / and can be used, / copied and modefied / without any restrictions.

- Ans**
- ☒ 1. copied and modefied
 - ☒ 2. This item is in the public domain
 - ☒ 3. and can be used,
 - ☒ 4. without any restrictions

Q.10 Select the option that can be used as a one-word substitute for the given group of words.
The allowance that is given by a husband to his wife on separation

- Ans**
- ☒ 1. Alimony
 - ☐ 2. Dowry
 - ☐ 3. Affianced
 - ☐ 4. Matrimonial

Q.11 Select the INCORRECTLY spelt word.

She recieved a beautiful surprise from her partner.

- Ans**
- ☐ 1. Partner
 - ☒ 2. Received
 - ☐ 3. Surprise
 - ☐ 4. Beautiful

Q.12 Select the most appropriate option to fill in the blank.
The library books were long _____, their pages bearing the weight of the passage of time.

- Ans**
- ☒ 1. overdue
 - ☐ 2. overdrew
 - ☐ 3. overdate
 - ☐ 4. overdo

Q.13 Select the most appropriate synonym of the word given in brackets to fill in the blank.

My teacher's _____ (stern) warning made all the students quiet and calm.

- Ans**
- ☐ 1. biased
 - ☐ 2. pliant
 - ☒ 3. strict
 - ☐ 4. watchful

Q.14 Select the most appropriate synonym of the underlined word.

Samira is a lady who needs extrinsic motivation and will not work on her own.

- Ans**
- ☒ 1. Outward
 - ☐ 2. Intriguing
 - ☐ 3. Adventurous
 - ☐ 4. Amicable

Q.15 Identify the word with a spelling error in the following sentence. Select the option that correctly rectifies the error.
She had swam the English Channel twice.

- Ans**
- ☐ 1. swim
 - ☒ 2. swum
 - ☐ 3. swimming
 - ☐ 4. swimmmed

Q.16 Select the most appropriate present tense form of the verb to fill in the blank.

They _____ football every day.

- Ans**
- ☒ 1. play
 - ☐ 2. plays
 - ☐ 3. had been playing
 - ☐ 4. will play

Q.17 Select the most appropriate option with the correct usage of the preposition to substitute the underlined segment in the given sentence.

World Press Freedom Day will be dedicated to the importance of journalism and freedom in expression in the context of the current global environmental crisis.

- Ans**
- ☒ 1. freedom from expression
 - ☒ 2. freedom on expression
 - ☒ 3. freedom of expression
 - ☒ 4. freedom at expression

Q.18 Select the most appropriate ANTONYM of the underlined word in the given sentence.
He was not able to answer as the question was ambiguous.

- Ans**
- ☒ 1. Clear
 - ☒ 2. Deep
 - ☒ 3. Superficial
 - ☒ 4. Unsuitable

Q.19 Select the most appropriate option that can substitute the underlined words in the given sentence.

In the beauty contest, Parul won the award for being the beautiful one.

- Ans**
- ☒ 1. less beautiful
 - ☒ 2. more beautiful
 - ☒ 3. most beautiful
 - ☒ 4. least beautiful

Q.20 Select the most appropriate meaning of the given idiom.
Caught in a time warp

- Ans**
- ☒ 1. To avoid talking about what's important
 - ☒ 2. To make extra effort
 - ☒ 3. To be extremely happy
 - ☒ 4. To remain unchanged from a time in the past

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Forests provide essential ecosystem services (1)_____ benefit both the environment and human society. One crucial service is carbon sequestration, as forests absorb and store large amounts of carbon dioxide, helping mitigate climate change. Additionally, forests regulate water cycles (2)_____ influencing precipitation patterns and maintaining water quality. (3)_____, forests offer recreational opportunities, cultural significance, and economic benefits through timber production and (4)_____. Thus, preserving and sustainably managing forests is imperative for maintaining these (5)_____ ecosystem services.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. than
 - ☒ 2. that
 - ☒ 3. then
 - ☒ 4. this

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Forests provide essential ecosystem services (1)_____ benefit both the environment and human society. One crucial service is carbon sequestration, as forests absorb and store large amounts of carbon dioxide, helping mitigate climate change. Additionally, forests regulate water cycles (2)_____ influencing precipitation patterns and maintaining water quality. (3)_____, forests offer recreational opportunities, cultural significance, and economic benefits through timber production and (4)_____. Thus, preserving and sustainably managing forests is imperative for maintaining these (5)_____ ecosystem services.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. off
 - ☒ 2. between
 - ☒ 3. by
 - ☒ 4. about

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Forests provide essential ecosystem services (1)_____ benefit both the environment and human society. One crucial service is carbon sequestration, as forests absorb and store large amounts of carbon dioxide, helping mitigate climate change. Additionally, forests regulate water cycles (2)_____ influencing precipitation patterns and maintaining water quality. (3)_____, forests offer recreational opportunities, cultural significance, and economic benefits through timber production and (4)_____. Thus, preserving and sustainably managing forests is imperative for maintaining these (5)_____ ecosystem services.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. Though
 - ☒ 2. Whatever
 - ☒ 3. Moreover
 - ☒ 4. As long as

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Forests provide essential ecosystem services (1)_____ benefit both the environment and human society. One crucial service is carbon sequestration, as forests absorb and store large amounts of carbon dioxide, helping mitigate climate change. Additionally, forests regulate water cycles (2)_____ influencing precipitation patterns and maintaining water quality. (3)_____, forests offer recreational opportunities, cultural significance, and economic benefits through timber production and (4)_____. Thus, preserving and sustainably managing forests is imperative for maintaining these (5)_____ ecosystem services.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. industrialisation
 - ☒ 2. deforestation
 - ☒ 3. ecotourism
 - ☒ 4. degradation

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Forests provide essential ecosystem services (1)_____ benefit both the environment and human society. One crucial service is carbon sequestration, as forests absorb and store large amounts of carbon dioxide, helping mitigate climate change. Additionally, forests regulate water cycles (2)_____ influencing precipitation patterns and maintaining water quality. (3)_____, forests offer recreational opportunities, cultural significance, and economic benefits through timber production and (4)_____. Thus, preserving and sustainably managing forests is imperative for maintaining these (5)_____ ecosystem services.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. vitality
 - ☒ 2. vitalise
 - ☒ 3. vital
 - ☒ 4. vitally

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

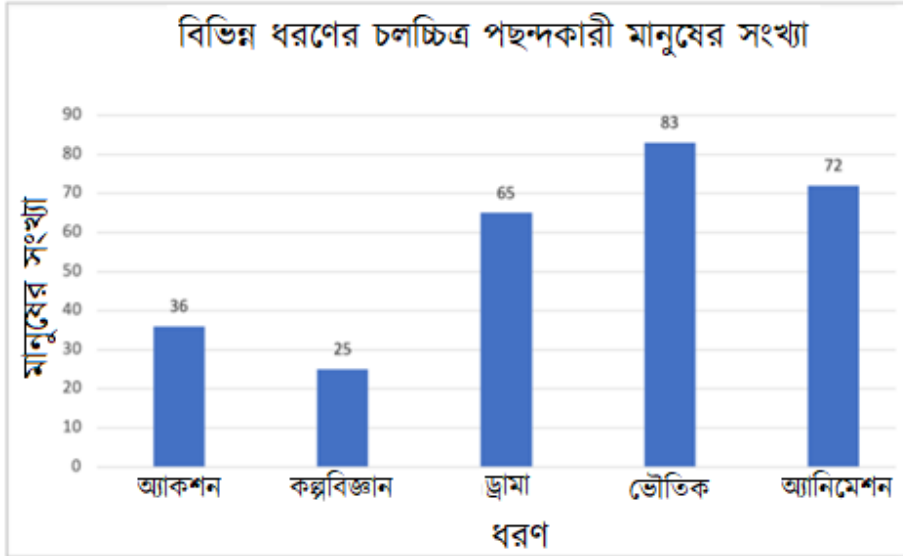
Exam Date	15/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 একটি অফিসে, বাড়ি থেকে কাজ করার প্রক্রিয়া আংশিকভাবে প্রচলিত। অমিতা প্রতি 2য় দিনে অফিসে যান, অমৃতা প্রতি 3য় দিনে অফিসে যান, এবং টোসিতা প্রতি 6ষ্ঠ দিনে অফিসে যান। তিনজনই 31 অক্টোবর 2021 এ অফিসে গিয়েছিলেন। বছরের বাকি দুই মাসে, কতগুলি দিনে, তিনজন একই তারিখে অফিসে যাবেন?

- Ans
- ☒ 1. 11
 - ☒ 2. 9
 - ☒ 3. 10
 - ☒ 4. 12

Q.2 নীচের বার গ্রাফটি বিভিন্ন ধরনের চলচ্চিত্র পছন্দকারী মানুষের সংখ্যা দেখায়।



অ্যাকশন, কল্পবিজ্ঞান এবং অ্যানিমেশন চলচ্চিত্র পছন্দকারী মানুষের মোট সংখ্যা, ড্রামা এবং ভৌতিক চলচ্চিত্র পছন্দকারী মানুষের মোট সংখ্যার কত শতাংশ? (নিকটতম পূর্ণসংখ্যা পর্যন্ত আসন্ন মান)

- Ans
- ☒ 1. 87%
 - ☒ 2. 89%
 - ☒ 3. 93%
 - ☒ 4. 90%

Q.3 পরপর নয়টি পূর্ণসংখ্যার গড় 54 হলে, এদের মধ্যে দ্বিতীয় বৃহত্তম সংখ্যাটি কত?

- Ans
- ☒ 1. 57
 - ☒ 2. 58
 - ☒ 3. 50
 - ☒ 4. 59

Q.4 ₹312 অর্থরশি 100 জন ছেলে ও মেয়েদের মধ্যে এমনভাবে ভাগ করা হয়েছিল যে প্রতিটি ছেলে পাবে ₹3.60 এবং প্রতিটি মেয়ে পাবে ₹2.40। মেয়েদের সংখ্যা কত?

- Ans
- ☒ 1. 60
 - ☒ 2. 35
 - ☒ 3. 65
 - ☒ 4. 40

Q.5 একজন শিক্ষার্থীর ফাইনাল গ্রেড তার ফাইনাল পরীক্ষার স্কোর (60% ভারযুক্ত) এবং ফাইনাল প্রোজেক্টের স্কোর (40% ভারযুক্ত) দ্বারা নির্ধারিত হয়। যদি ঐ শিক্ষার্থী ফাইনাল পরীক্ষায় 75 এবং প্রোজেক্টে 90 নম্বর পায়, তাহলে শিক্ষার্থীর ফাইনাল গ্রেড কত?

- Ans
- ☐ 1. 82.5
 - ☐ 2. 82
 - ☐ 3. 81.5
 - ☒ 4. 81

Q.6 একটি পণ্যের মুদ্রিত মূল্য ₹1,500 এবং এটি 19% ছাড়ে বিক্রি হয়। যদি 8% লাভ হয়, তাহলে পণ্যটির ক্রয়মূল্যের চেয়ে কত শতাংশ বেশি মুদ্রিতমূল্য ধার্য করা হয়?

- Ans
- ☒ 1. $33\frac{1}{3}\%$
 - ☐ 2. $29\frac{1}{3}\%$
 - ☐ 3. $31\frac{1}{3}\%$
 - ☐ 4. $36\frac{1}{3}\%$

Q.7 5 বছরের জন্য ধার নেওয়া ₹4000-এর বার্ষিক 4% সুদের হারে সরল সুদ (₹ তে) কত হবে?

- Ans
- ☐ 1. 840
 - ☐ 2. 740
 - ☒ 3. 800
 - ☐ 4. 760

Q.8 যথাক্রমে 280 মিটার এবং 260 মিটার দীর্ঘ দুটি ট্রেন, সমান্তরাল লাইনে একে অপরের দিকে ছুটছে। দুটি ট্রেনের একটি 58 km/hr বেগে এবং আরেকটি 50 km/hr বেগে ছুটছে। তারা একে অপরকে অতিক্রম করতে কত সময় (সেকেন্ডে) নেবে?

- Ans
- ☐ 1. 12
 - ☐ 2. 15
 - ☒ 3. 18
 - ☐ 4. 17

Q.9 রমা ও গঙ্গার আয়ের অনুপাত 4 : 3 এবং ব্যয়ের অনুপাত 3 : 2। যদি দুজনের প্রত্যেকে ₹2,700 করে সঞ্চয় করে, তাহলে তাদের ব্যয় যথাক্রমে কত?

- Ans
- ☒ 1. ₹8,100 এবং ₹5,400
 - ☐ 2. ₹8,000 এবং ₹5,000
 - ☐ 3. ₹8,100 এবং ₹5,000
 - ☐ 4. ₹8,000 এবং ₹5,400

Q.10 14 cm বাহু বিশিষ্ট একটি সমবাহু ত্রিভুজের ক্ষেত্রফল নির্ণয় করুন।

- Ans
- ☐ 1. $36\sqrt{3}\text{cm}^2$
 - ☐ 2. $44\sqrt{3}\text{cm}^2$
 - ☒ 3. $49\sqrt{3}\text{cm}^2$
 - ☐ 4. $46\sqrt{3}\text{cm}^2$

Q.11 বার্ষিক 7% সুদের হারে 2 বছরের জন্য ধার নেওয়া ₹2000-এর সরল সুদ কত (₹তে) হবে?

- Ans
- ☐ 1. 320
 - ☒ 2. 280
 - ☐ 3. 240
 - ☐ 4. 220

Q.12 একজন পুলিশ 300 m দূরে একজন চোরকে দেখেছে। পুলিশ 10 km/h বেগে চোরকে তাড়া করে এবং চোর 11 km/h বেগে দৌড়াচ্ছে, তাহলে 12 মিনিট পর তাদের মধ্যে দূরত্ব কত হবে?

- Ans
- ☒ 1. 500 m
 - ☐ 2. 250 m
 - ☐ 3. 100 m
 - ☐ 4. 200 m

Q.13 40 kg, 49 kg, 56 kg, 67 kg এবং 38 kg ওজন বিশিষ্ট পাঁচ সদস্যের একটি পরিবারের গড় ওজন (kg তে) কত হবে?

- Ans
- ☐ 1. 52
 - ☒ 2. 50
 - ☐ 3. 49
 - ☐ 4. 51

Q.14 ₹3,500 অর্থরশির উপর বার্ষিক 15% হারে 5 বছরের সরল সুদ নির্ণয় করুন।

- Ans
- ☐ 1. ₹2,675
 - ☒ 2. ₹2,625
 - ☐ 3. ₹2,650
 - ☐ 4. ₹2,700

Q.15 প্রদত্ত সারণিটি দেখুন এবং নিম্নলিখিত প্রশ্নের উত্তর দিন।

প্রদত্ত সারণিটি বিভিন্ন বছরে একটি কোম্পানির দ্বারা বিক্রি করা বিভিন্ন প্রকারের ব্যাটারির সংখ্যা (লক্ষতে) দেখায়।

বছর	ব্যাটারির প্রকার			
	7AH	32AH	35AH	55AH
2010	75	112	110	90
2011	82	100	130	120
2012	60	135	128	145
2013	85	165	112	162

2013 সালে বিক্রি হওয়া সমস্ত প্রকার ব্যাটারির মোট সংখ্যা, 2011 সালে বিক্রি হওয়া সমস্ত প্রকার ব্যাটারির মোট সংখ্যার তুলনায় কত শতাংশ বেশি বা কম? (নিকটতম পূর্ণসংখ্যায় উত্তর দিন)

- Ans
- ☐ 1. বেশি, 24%
 - ☐ 2. কম, 21%
 - ☐ 3. কম, 24%
 - ☒ 4. বেশি, 21%

Q.16 একজন দোকানদার ₹1,400 মূল্যে 25 kg চাল বিক্রয় করে। একজন গ্রাহক 15% ছাড় চান। দোকানদার তাতে রাজি হয় কিন্তু 1 kg এর বদলে 10% কম চাল দেয়। গ্রাহক কতটা কার্যকর ছাড় পান? (এক দশমিক স্থান পর্যন্ত আসন্নমান)

- Ans
- ☒ 1. 5.6%
 - ☐ 2. 5.7%
 - ☐ 3. 5.1%
 - ☐ 4. 5.8%

Q.17 A এবং B এর মধ্যে একটি নির্বাচনে, A পায় B এর দ্বিগুণ ভোট এবং 150 ভোটের ব্যবধানে জয়ী হয়। 10% ভোট অবৈধ ছিল। নির্বাচনে মোট প্রদত্ত ভোটের সংখ্যা কত ছিল?

- Ans
- ☐ 1. 600
 - ☒ 2. 500
 - ☐ 3. 450
 - ☐ 4. 550

Q.18 রমন ₹2,400 খরচ করে একটি ইলেক্ট্রনিক্স কিনেছিলেন এবং এটি 8% লোকসানে রোহনের কাছে বিক্রি করেছিলেন। রোহন আবার এটি 12.5% লাভে সোহমের কাছে বিক্রি করেন। 15% লাভ পেতে সোহমকে কত দামে ইলেক্ট্রনিক্স বিক্রি করতে হবে?

- Ans
- ☐ 1. ₹2,860.56
 - ☐ 2. ₹2,568.60
 - ☒ 3. ₹2,856.60
 - ☐ 4. ₹2,658.60

Q.19 দুটি চোঙের ছুঁতির ব্যাসার্ধের অনুপাত 5 : 6 এবং তাদের অনুরূপ উচ্চতার অনুপাত 49 : 36 হলে তাদের আয়তনের অনুপাত নির্ণয় করুন।

- Ans
- ✓ 1. $\frac{1225}{1296}$
- ✗ 2. $\frac{1235}{1296}$
- ✗ 3. $\frac{1230}{1296}$
- ✗ 4. $\frac{1220}{1296}$

Q.20 15 cm ব্যাসার্ধ বিশিষ্ট একটি নিরেট ধাতব গোলককে গলিয়ে একেকটি 3 cm ব্যাসার্ধ বিশিষ্ট কিছু নিরেট গোলাকার বল তৈরি করা হয়। মূল গোলকের পৃষ্ঠতলের ক্ষেত্রফল এবং নবগঠিত বলগুলির পৃষ্ঠতলের ক্ষেত্রফলের সমষ্টির অনুপাত কত?

- Ans
- ✗ 1. 3 : 8
- ✗ 2. 1 : 3
- ✓ 3. 1 : 5
- ✗ 4. 2 : 7

Section : Reasoning Ability and Problem Solving

Q.1 একটি নির্দিষ্ট কোড ভাষায়, 'car drive steady' কে 'mi ku pa' হিসাবে কোড করা হয় এবং 'steady is safe' কে 'tu an mi' হিসাবে কোড করা হয়। প্রদত্ত কোড ভাষায় 'steady'-এর কোড কী?

- Ans
- ✗ 1. tu
- ✗ 2. ku
- ✓ 3. mi
- ✗ 4. an

Q.2 একটি নির্দিষ্ট সাংকেতিক ভাষায়, 'FORK' কে 'GLWD' এবং 'CAVE' কে 'DXAY' হিসাবে লেখা হয়। সেই ভাষায় 'TRHA' এর সংকেত কী হবে?

- Ans
- ✓ 1. UOMT
- ✗ 2. UONQ
- ✗ 3. UOPR
- ✗ 4. UNMS

Q.3 একটি নির্দিষ্ট সাংকেতিক ভাষায়, 'pen pencil eraser' কে লেখা হয় 'pq rq lq' এবং 'pages book eraser' কে লেখা হয় 'rq mq bq' হিসাবে। প্রদত্ত ভাষায় 'eraser' কে কিভাবে লেখা হবে?

- Ans
- ✗ 1. bq
- ✗ 2. pq
- ✓ 3. rq
- ✗ 4. lq

Q.4 একটি নির্দিষ্ট কোড ভাষায়, 'CORNER' কে লেখা হয় 'REORNC' এবং 'BUDGET' কে লেখা হয় 'TEUDGB'। প্রদত্ত কোড ভাষায় 'DEVICE' কে কী লেখা হবে?

- Ans
- ✗ 1. ECIVED
- ✗ 2. EDEVIC
- ✓ 3. ECEVID
- ✗ 4. EVECID

Q.5

প্রদত্ত বিবৃতি এবং সিদ্ধান্তগুলি মনোযোগ সহকারে পড়ুন। বিবৃতিতে প্রদত্ত তথ্যগুলি সাধারণভাবে জানা তথ্যের থেকে ভিন্ন বলে মনে হলেও সেগুলিকে সত্য বলেই ধরে নিন। প্রদত্ত সিদ্ধান্তগুলির মধ্যে কোনটি/কোনগুলি বিবৃতিগুলিকে যুক্তিযুক্তভাবে অনুসরণ করে তা নির্ধারণ করুন।

বিবৃতি:

কিছু বাঁশি হয় বেহালা।

কিছু বেহালা হয় তবলা।

সব তবলা হয় সেতার।

সিদ্ধান্ত:

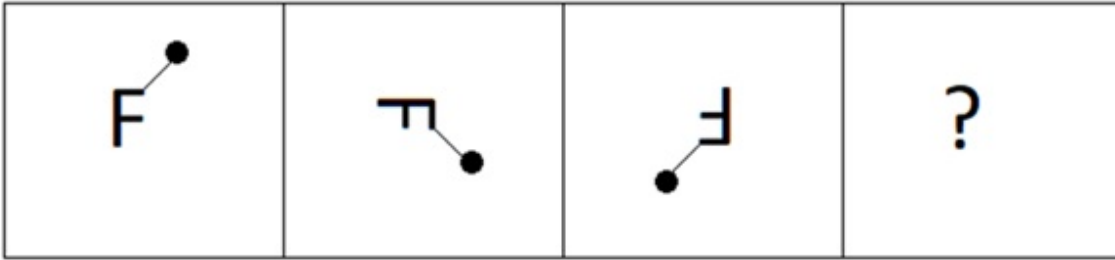
(I) কিছু বেহালা হয় সেতার।

(II) কিছু বাঁশি হয় তবলা।

- Ans
- ✓ 1. শুধুমাত্র সিদ্ধান্ত (I) অনুসরণ করে
 - ✗ 2. সিদ্ধান্ত (I) এবং (II) উভয়ই অনুসরণ করে
 - ✗ 3. সিদ্ধান্ত (I) বা (II) কোনোটিই অনুসরণ করে না
 - ✗ 4. শুধুমাত্র সিদ্ধান্ত (II) অনুসরণ করে

Q.6

নিম্নলিখিত ক্রমের পরবর্তী স্থানে কোন বিকল্প চিত্রটি বসবে নির্বাচন করুন।

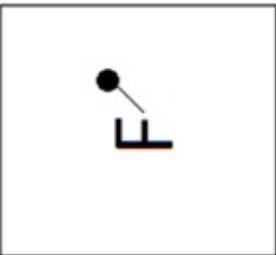


Ans

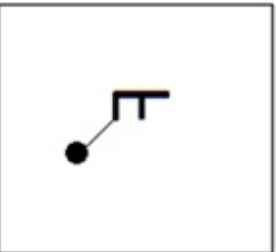
✗ 1.



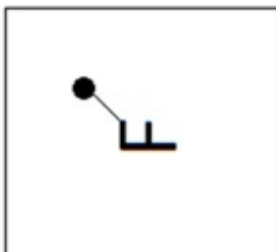
✗ 2.



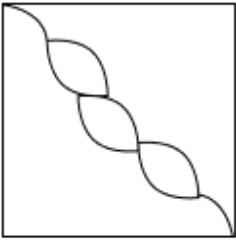
✗ 3.



✓ 4.



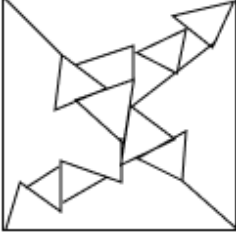
Q.7 যে বিকল্প চিত্রটিতে প্রদত্ত চিত্রটি (X) অন্তর্নিহিত রয়েছে তা নির্বাচন করুন (ঘূর্ণনের অনুমতি নেই)।



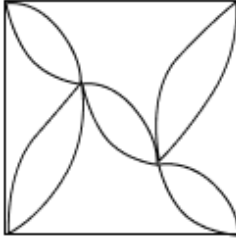
(X)

Ans

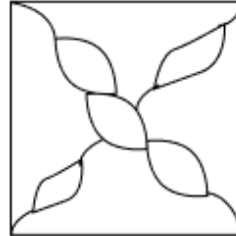
✗ 1.



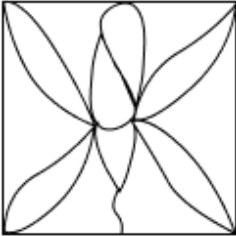
✗ 2.



✓ 3.



✗ 4.



Q.8 সাতজন বন্ধু, A, B, C, D, E, F এবং G, একটি বৃত্তাকার টেবিলের চারপাশে কেন্দ্রের দিকে মুখ করে বসে আছে (কিন্তু এই ক্রমে থাকা আবশ্যিক নয়)। D বসেছে A এবং F উভয়েরই ঠিক পাশে। B বসেছে F এর ঠিক অন্যদিকে। C বসেছে A এর বাম দিকে বিপরীত স্থানে। G এবং E উভয়ই বসেছে C এর ঠিক পাশে। G এবং A পরস্পরের পাশে বসেনি। B এবং D দু'জনেরই ঠিক পাশে কে বসেছে?

Ans

✓ 1. F

✗ 2. C

✗ 3. A

✗ 4. G

Q.9 ইংরাজি বর্ণানুক্রম অনুসারে নিম্নে প্রদত্ত ক্রমটির প্রশ্নচিহ্নটির (?) স্থানে বসবে এমন বিকল্পটি নির্বাচন করুন।

BDG, EGJ, HJM, KMP, ?

Ans

✗ 1. PNS

✗ 2. PSN

✓ 3. NPS

✗ 4. NSP

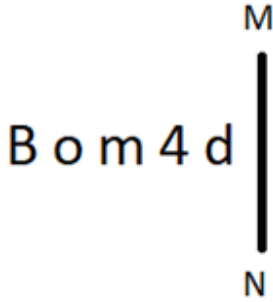
Q.10 A, B, C, D, E, F এবং G একটি বৃত্তাকার টেবিলের চারপাশে কেন্দ্রের দিকে মুখ করে বসে আছে (কিন্তু এই ক্ষেত্রে থাকা আবশ্যিক নয়)। D বসেছে E এর বাম দিকে তৃতীয় স্থানে। G বসেছে B-এর বাম দিকে দ্বিতীয় স্থানে। F ও G এর মাঝখানে শুধুমাত্র E বসেছে। D-এর ঠিক পাশে A বসেনি। C-এর ডানদিকে চতুর্থ স্থানে কে বসে আছে?

- Ans
- ☒ 1. E
 - ☒ 2. B
 - ☒ 3. A
 - ☒ 4. D

Q.11 JMGI ইংরেজি বর্ণানুক্রম অনুসারে একটি নির্দিষ্ট পদ্ধতিতে QTNP এর সাথে সম্পর্কিত। GJDF একইভাবে NQKM এর সাথে সম্পর্কিত। একই যুক্তি অনুসরণ করে নিম্নলিখিতগুলির মধ্যে কোনটির সাথে DGAC সম্পর্কিত?

- Ans
- ☒ 1. KNHJ
 - ☒ 2. NKHJ
 - ☒ 3. KNJH
 - ☒ 4. NKJH

Q.12 নিচে যেভাবে দেখানো হয়েছে, সেভাবে একটি দর্পণকে MIN রেখায় স্থাপন করা হলে, প্রদত্ত চিত্রটির সঠিক প্রতিবিম্ব কোনটি হবে?



- Ans
- ☒ 1. 4 d m o B
 - ☒ 2. b 4 m o B
 - ☒ 3. p 4 m o B
 - ☒ 4. b 4 m o B

Q.13 CJ16 একটি নির্দিষ্ট উপায়ে EL26 এর সাথে সম্পর্কিত। MT42 একইভাবে OV52 এর সাথে সম্পর্কিত। একই যুক্তি অনুসরণ করে নিম্নের কোনটির সাথে HO11 সম্পর্কিত?

- Ans
- ☒ 1. KS31
 - ☒ 2. JK21
 - ☒ 3. JQ31
 - ☒ 4. JQ21

Q.14 নিম্নলিখিত সংখ্যা - জোড়গুলিতে, প্রথম সংখ্যাটির উপর একটি নির্দিষ্ট গাণিতিক কার্যক্রম সম্পাদনের ফলে দ্বিতীয় সংখ্যাটি পাওয়া যায়। নিম্নলিখিত সেটের সংখ্যাগুলির মতোই যে বিকল্প সেটটির সংখ্যাগুলি সম্পর্কিত সেই সেটটি নির্বাচন করুন।
(দ্রষ্টব্য: সংখ্যাগুলিকে এদের উপাদান অঙ্কে বিভাজিত না করে, সমগ্র গাণিতিক কার্যক্রম অথবা সংখ্যার উপরেই সম্পাদন করতে হবে। যেমন, 13 এর ক্ষেত্রে, 13 এর উপরেই যাবতীয় কার্যক্রম সম্পাদন করতে হবে। অর্থাৎ 13 এর সঙ্গেই যোগ/ বিয়োগ/ গুণ ইত্যাদি করতে হবে কিন্তু 13 কে তার উপাদান অঙ্ক 1 এবং 3 এ বিভাজিত করে তারপর 1 এবং 3 এর উপর কোনও প্রকার গাণিতিক কার্যক্রম সম্পাদন করা যাবে না।)

22, 31
26, 35

- Ans
- ☒ 1. 32, 49
 - ☒ 2. 48, 52
 - ☒ 3. 44, 59
 - ☒ 4. 38, 47

Q.15 যদি '+' ও '-' পরস্পর স্থান বিনিময় করে এবং 'x' ও '÷' পরস্পর স্থান বিনিময় করে, তাহলে নিম্নলিখিত সমীকরণে প্রশ্ন চিহ্নটির (?) স্থানে কী বসবে?

$$16 \div 8 + 13 + 36 \times 18 - 3 = ?$$

- Ans
- ☒ 1. 100
 - ☒ 2. 98
 - ☒ 3. 96
 - ☒ 4. 116

Q.16 প্রদত্ত ক্রমের প্রথম চিহ্নটির (?) স্থানে কী বসবে নির্বাচন করুন।

2, 3, 6, 12, 10, 21, 14, ?

- Ans
- ☒ 1. 29
 - ☒ 2. 25
 - ☒ 3. 30
 - ☒ 4. 27

Q.17 নীচের সমীকরণে প্রদত্তবোধক চিহ্নের (?) জায়গায় কী আসবে, যদি '+' এবং '-' পরস্পর পরিবর্তিত হয় এবং 'x' এবং '÷' পরস্পর পরিবর্তিত হয়?
 $35 \times 7 \div 6 + 3 - 14 = ?$

- Ans
- ☒ 1. 41
 - ☒ 2. 39
 - ☒ 3. 42
 - ☒ 4. 35

Q.18 প্রদত্ত বিবৃতি এবং সিদ্ধান্তগুলি মনোযোগ সহকারে পড়ুন। বিবৃতিতে প্রদত্ত তথ্যগুলি সাধারণভাবে জানা তথ্যের থেকে ভিন্ন বলে মনে হলেও সেগুলিকে সত্য বলেই ধরে নিন। প্রদত্ত সিদ্ধান্তগুলির মধ্যে কোনটি/কোনগুলি বিবৃতিগুলিকে যুক্তিযুক্তভাবে অনুসরণ করে তা নির্ধারণ করুন।

বিবৃতি:

সব কলম হয় মার্কার।

কিছু ইরেজার হয় কলম।

সিদ্ধান্ত:

(I) কিছু মার্কার হয় ইরেজার।

(II) সব মার্কার হয় কলম।

- Ans
- ☒ 1. শুধুমাত্র সিদ্ধান্ত (I) অনুসরণ করে
 - ☒ 2. (I) এবং (II) উভয় সিদ্ধান্ত অনুসরণ করে
 - ☒ 3. শুধুমাত্র সিদ্ধান্ত (II) অনুসরণ করে
 - ☒ 4. সিদ্ধান্ত (I) বা (II) কোনটিই অনুসরণ করে না

Q.19 3 একটি নির্দিষ্ট যুক্তি অনুসরণ করে 8 এর সাথে সম্পর্কিত। 24 একই যুক্তি অনুসরণ করে, 35 এর সাথে সম্পর্কিত। একই যুক্তি অনুসরণ করে 99 নিচের কোনটির সাথে সম্পর্কিত?
(দ্রষ্টব্য: সংখ্যাগুলিকে এদের উপাদান অঙ্কে বিভাজিত না করে, সমগ্র গাণিতিক কার্যক্রম অথবা সংখ্যার উপরেই সম্পাদন করতে হবে। যেমন, 13 এর ক্ষেত্রে, 13 এর উপরেই যাবতীয় কার্যক্রম সম্পাদন করতে হবে। অর্থাৎ, 13 এর সঙ্গেই যোগ/ বিয়োগ/ গুণ ইত্যাদি করতে হবে কিন্তু 13 কে তার উপাদান অঙ্ক 1 এবং 3 এ বিভাজিত করে তারপর 1 এবং 3 এর উপর কোনওপ্রকার গাণিতিক কার্যক্রম সম্পাদন করা যাবে না।)

- Ans
- ☒ 1. 110
 - ☒ 2. 143
 - ☒ 3. 120
 - ☒ 4. 80

Q.20



X 4. শিল্প - ধ্রুপদী নৃত্য

Q.5 বৌদ্ধ স্থাপত্যের প্রসঙ্গে নিম্নের কোন বিবৃতিটি/গুলি সঠিক?

- i. উদ্দেশিকা স্তূপ একটি স্থিতিসৌধ হিসাবে তৈরি করা হয়েছিল।
- ii. পরিভোগিকা স্তূপে বুদ্ধের সমাধিস্থ দেহাবশেষ রয়েছে।
- iii. ভারহুত স্তূপ উত্তরপ্রদেশে অবস্থিত।

Ans ☒ 1. শুধুমাত্র i এবং iii
☒ 2. শুধুমাত্র i
☒ 3. i, ii এবং iii
☒ 4. শুধুমাত্র i এবং ii

Q.6 দাক্ষিণাত্য সহ দক্ষিণ ভারতে হর্ষবর্ধনের প্রতিপত্তি বর্ধনের আকাজক্ষা _____ এর প্রভাবে স্তিমিত হয়ে যায়।

Ans ☒ 1. প্রথম রাজরাজ
☒ 2. বিক্রমাদিত্য
☒ 3. দ্বিতীয় পুলকেশী
☒ 4. অশোক

Q.7 তিব্বতে কোন নদী 'ল্যাংচেন খাম্বাব' (Langchen Khambab) নামে পরিচিত?

Ans ☒ 1. সিঙ্কু
☒ 2. কোশি
☒ 3. শতদ্রু
☒ 4. তিস্তা

Q.8 2019-2020 সালে শহুরে ভারতে নিচের কোন খাতে জনবলের শতাংশ সবচেয়ে বেশি ছিল?

Ans ☒ 1. কৃষি
☒ 2. খনি
☒ 3. শিল্প
☒ 4. পরিষেবা

Q.9 2024 সালের ফেব্রুয়ারিতে, ঝাড়খণ্ডের ষাটশ মুখ্যমন্ত্রী হিসাবে কে শপথ গ্রহণ করেছিলেন?

Ans ☒ 1. বাবুলাল মারাডি
☒ 2. অর্জুন মুন্ডা
☒ 3. সরযু রায়
☒ 4. চম্পাই সোরেন

Q.10 কে. কল্যাণসুন্দরম পিল্লাই নিম্নলিখিত কোন নৃত্যশৈলীতে তাঁর অবদানের জন্য সঙ্গীত নাটক আকাদেমি পুরস্কার, 1999 এ সম্মানিত হন?

Ans ☒ 1. মণিপুরী
☒ 2. কুচিপুডি
☒ 3. মোহিনীআটম
☒ 4. ভরতনাট্যম

Q.11 নিম্নলিখিতদের মধ্যে কে 1885 সালে ভারতীয় জাতীয় কংগ্রেসের অন্যতম প্রতিষ্ঠাতা ছিলেন?

Ans ☒ 1. মহাত্মা গান্ধী
☒ 2. চার্লস ফ্রিয়ার অ্যান্ড্রুজ
☒ 3. অ্যানি বেসান্ত
☒ 4. অ্যালান অস্টাভিয়ান হিউম

Q.12	স্কুল শিক্ষা ক্ষেত্রের জন্য ভারত সরকার কর্তৃক 2018-19 কেন্দ্রীয় বাজেটে প্রবর্তিত অতিরিক্ত কর্মসূচী কি?
Ans	✖ 1. রাষ্ট্রীয় উন্নত শিক্ষা অভিযান ✔ 2. সমগ্র শিক্ষা ✖ 3. শিক্ষার অধিকার ✖ 4. সর্ব বিদ্যা অভিযান
Q.13	গলগি বক্তৃসমূহকে বিরে থাকা সাইটোপ্রাজমিক অঞ্চলে কোনো কোষ অঙ্গাণু থাকে না। সাইটোপ্রাজমের এই স্খ অঞ্চলকে _____ বলা হয়।
Ans	✖ 1. সাইটোক্রোম (cytochrome) ✖ 2. সাইটোসিন (cytosine) ✔ 3. জোন অফ এক্সক্লুসন (zone of exclusion) ✖ 4. সাইটোসল (cytosol)
Q.14	গুটির ঘটিতির কারণে স্ট নিম্নলিখিত কোন রোগের প্রতিকারের জন্য একটি তাৎক্ষণিক প্রতিকারমূলক ব্যবস্থা হিসেবে 1970 সালে ন্যাশনাল প্রফিলাক্সিস প্রোগ্রাম চালু করা হয়েছিল?
Ans	✖ 1. গলগভ ✖ 2. হাইপারক্যালসেমিয়া ✔ 3. অঙ্কত্ব ✖ 4. বেরিবেরি
Q.15	যদি কোনও ভারতীয় নাগরিককে তার জাতির কারণে কোনও সর্বজনীন স্থানে প্রবেশ করতে না দেওয়া হয়, তাহলে নিম্নলিখিত মৌলিক অধিকারগুলির মধ্যে কোনটি লঙ্ঘন করা হয়?
Ans	✔ 1. সমতার অধিকার ✖ 2. সাংবিধানিক প্রতিকারের অধিকার ✖ 3. শোষণের বিরুদ্ধে অধিকার ✖ 4. সাংস্কৃতিক ও শিক্ষাগত অধিকার
Q.16	খনি ও খনিজ (উন্নয়ন ও নিয়ন্ত্রণ) সংশোধনী বিল, 2023-এর সংস্কার অনুসারে, পারমাণবিক খনিজগুলির তালিকা থেকে কতগুলি খনিজ বাদ দেওয়া হয়েছে?
Ans	✖ 1. 3 ✖ 2. 8 ✔ 3. 6 ✖ 4. 11
Q.17	2023 সালে মহিলা প্রিমিয়ার লিগের (WPL) প্রথম সংস্করণের উদ্বোধনী ম্যাচটি কোথায় আয়োজিত হয়েছিল?
Ans	✖ 1. গুজরাট ✔ 2. মুম্বাই ✖ 3. ধর্মশালা ✖ 4. বেঙ্গালুরু
Q.18	ভারতের প্রথম বাজেট কবে পেশ করা হয়?
Ans	✖ 1. 1857 ✖ 2. 1935 ✖ 3. 1948 ✔ 4. 1860
Q.19	'দ্য ব্লু আমব্রেলা' (The Blue Umbrella), 'দ্য চেরি ট্রি' (The Cherry Tree), 'দ্য হিডেন পুল' (The Hidden Pool) উপন্যাসগুলি কার লেখা?
Ans	✖ 1. অনন্ত পাই ✖ 2. টুইঙ্কেল খান্না ✔ 3. রাসকিন বন্ড ✖ 4. সুধা মূর্তি

Q.20	উপকূল রেখা থেকে ভগ্ন সোপান পর্যন্ত স্থলভাগের একটি অংশ যা অশতীর জলের নিচে নিমজ্জিত থাকে তাকে _____ বলা হয়
Ans	1. খাত 2. মহীসোপান 3. মহাসাগরীয় অববাহিকা 4. মহীখাত
Q.21	1527 খ্রিস্টাব্দে খানওয়ার যুদ্ধে বাবরের কাছে কে পরাজিত হন?
Ans	1. ইব্রাহিম লোদী 2. রানা সঙ্গ 3. হাসান খান 4. মেদিনী রায়
Q.22	সংবিধানের কোন অনুচ্ছেদে রাজ্যপালকে সাহায্য ও পরামর্শ দেওয়ার নির্দেশ মন্ত্রী পরিষদকে দেওয়া হয়েছে?
Ans	1. অনুচ্ছেদ 163 2. অনুচ্ছেদ 167 3. অনুচ্ছেদ 157 4. অনুচ্ছেদ 153
Q.23	কোন উপলক্ষ্যে ভারতে 'রাম নবমী' পালিত হয়?
Ans	1. ভগবান রামের জন্মতিথি 2. রাজা হিসাবে ভগবান রামের রাজ্যাভিষেক 3. ভগবান রাম কর্তৃক রাবণ বধ 4. বনবাস থেকে ভগবান রামের প্রত্যাবর্তন
Q.24	নিচের কোনটি ভারত সরকার কর্তৃক ঘোষিত নতুন শিল্প নীতি, 1991 এর তিনটি প্রধান মাত্রার একটি নয়?
Ans	1. উদারীকরণ 2. নগরায়ন 3. বিশ্বায়ন 4. বেসরকারীকরণ
Q.25	_____ কে, বাল গঙ্গাধর 'ভারতের হীরা' হিসাবে আখ্যায়িত করেছিলেন।
Ans	1. মতিলাল নেহরু 2. গোপালকৃষ্ণ গোখলে 3. বাবাসাহেব আম্বেদকর 4. মহাত্মা গান্ধী

Section : English Language and Comprehension

Q.1	Select the most appropriate meaning of the given proverb.
	Bite the bullet
Ans	1. To be the first to attack someone 2. To buy something with no prior inspection 3. To face up to trouble with fortitude 4. To take the blame for something one didn't do
Q.2	Select the most appropriate option that can substitute the underlined segment in the given sentence.
	The questions in part B looks <u>difficult</u> than the questions in part A.
Ans	1. difficultly 2. most difficult 3. difficultier 4. more difficult

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
I have lived with my parents / in Mumbai / in a residential flat / yet two years.

- Ans**
- ☒ 1. in a residential flat
 - ☒ 2. I have lived with my parents
 - ☒ 3. yet two years
 - ☒ 4. in Mumbai

Q.4 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

She prepares an unique dish in the cooking competition and won it.

- Ans**
- ☒ 1. prepares a unique
 - ☒ 2. No substitution required
 - ☒ 3. prepared a unique
 - ☒ 4. prepared an unique

Q.5 Select the most appropriate synonym of the underlined word in the following sentence.

I graciously welcomed my boss at my birthday party.

- Ans**
- ☒ 1. Cleverly
 - ☒ 2. Nicely
 - ☒ 3. Bravely
 - ☒ 4. Courageously

Q.6 Select the most appropriate option that can substitute the underlined segment in the given sentence.

We have perhaps never seen an ablest series of advocates than these ten standing in a row.

- Ans**
- ☒ 1. most ablest
 - ☒ 2. more able
 - ☒ 3. abler
 - ☒ 4. the ablest

Q.7 Select the most appropriate option to fill in the blank.

He had always wanted to work for himself; so, last year he _____ his job at the bank and is now running a tool business.

- Ans**
- ☒ 1. bereft
 - ☒ 2. halted
 - ☒ 3. cleft
 - ☒ 4. left

Q.8 Select the INCORRECTLY spelt word from the given sentence.

The chef's delicious recipies are a favourite among the restaurant's patrons.

- Ans**
- ☒ 1. Chef's
 - ☒ 2. Recipies
 - ☒ 3. Restaurant's
 - ☒ 4. Delicious

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The soldiers are all on their toes and anxiously waiting for the orders to start marching towards the enemy.

- Ans**
- ☒ 1. all on their fingers and anxiously waiting
 - ☒ 2. No substitution required
 - ☒ 3. all on their toes and anxiously dancing
 - ☒ 4. paying through the nose

Q.10 Parts of the following sentence have been given as options. Select the option that contains an error.
A fox and an hyena were spotted in the animal reserve.

- Ans**
- ☒ 1. and an hyena
 - ☐ 2. A fox
 - ☐ 3. the animal reserve
 - ☐ 4. were spotted in

Q.11 Select the option that rectifies the spelling of the underlined word in the given sentence.

We have pledged our allegance to the nation.

- Ans**
- ☐ 1. ellegance
 - ☐ 2. allegaince
 - ☐ 3. alegiance
 - ☒ 4. allegiance

Q.12 Select the most appropriate option to fill in the blank.

The student received an _____ for his outstanding performance.

- Ans**
- ☒ 1. accolade
 - ☐ 2. accolad
 - ☐ 3. acolayd
 - ☐ 4. acolade

Q.13 Select the most appropriate synonym of the given word.

Futile

- Ans**
- ☒ 1. Useless
 - ☐ 2. Adequate
 - ☐ 3. Vicious
 - ☐ 4. Thoughtful

Q.14 Select the sentence that has a grammatical error.

- Ans**
- ☐ 1. She always cuts out unhealthy snacks.
 - ☐ 2. Can you cut through the traffic to get here on time?
 - ☒ 3. The manager cuts the discussion to address an urgent matter.
 - ☐ 4. They need to cut down the old tree in the garden.

Q.15 Select the most appropriate synonym of the underlined word in the given sentence.

To his surprise, it swung back at his touch.

- Ans**
- ☐ 1. Regret
 - ☐ 2. Anger
 - ☒ 3. Shock
 - ☐ 4. Boredom

Q.16 Select the most appropriate degree of comparison to fill in the blank.

Work in this office is done in the _____ way.

- Ans**
- ☒ 1. least efficient
 - ☐ 2. lesser efficient way
 - ☐ 3. less efficient
 - ☐ 4. little efficient

Q.17 What is the correct substitution for the word 'screw' in the idiom 'Hit the screw on the head'?

- Ans**
- ☐ 1. Tack
 - ☐ 2. Bolt
 - ☐ 3. Crew
 - ☒ 4. Nail

Q.18 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in the blanks.
Mosquito means small fly. It has a transmitter segmented body and a _____ of wings. Male mosquitoes mainly feed on plant _____.

Ans  1. pair; nectar
  2. kind; drink
  3. couple; liquor
  4. set; beverage

Q.19 Select the most appropriate synonym of the given word.
Ephemeral

Ans  1. Permanent
  2. Ugly
  3. Pleasing
  4. Transient

Q.20 Select the most appropriate synonym of the word given in brackets to fill in the blank.

Many fraud companies _____ (deceive) innocent customers and earn millions of dollars.

Ans  1. hamper
  2. facilitate
  3. resolve
  4. mislead

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Are you familiar with the movie 'Jurassic Park'? Do you recall the enormous dinosaurs? Do you know that there is still a mammal that is as big and amazing as them? Blue whales are the world's largest living things and (1)_____ vast oceanic expanses. The adult is more than 100 feet long and (2)_____ more than 190 metric tons. According to scientists, a blue whale's heart weighs as much as a car while its tongue weighs as much as an elephant! They eat meat, but they don't have teeth. They gulp and swallow huge quantities of krill and shrimp for their diet. Their mouths have bristles that look like combs and remove water while keeping their food (3)_____.

Whales are social animals that live in 'pods', which are made up of more females than males. They take care of their children. Another female takes over and cares for the calf if one mother is unable to provide it with milk. Their bond is very strong, and they cry when another whale dies. The male makes sure that everyone in the pod gets their fair share of food.

Whistles, clock-like sounds, and songs—frequent, high-pitched sounds—are the means by which the whales (4)_____ with one another. It assists them in locating one another, locating the position of the pod, searching for prey, and attracting mates. Every pod has a distinctive song that sets it apart from the others. These songs can be heard for not only hours, but also days (5)_____ miles of ocean.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

Ans  1. employ
  2. inhabit
  3. engage
  4. depart

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Are you familiar with the movie 'Jurassic Park'? Do you recall the enormous dinosaurs? Do you know that there is still a mammal that is as big and amazing as them? Blue whales are the world's largest living things and (1)_____ vast oceanic expanses. The adult is more than 100 feet long and (2)_____ more than 190 metric tons. According to scientists, a blue whale's heart weighs as much as a car while its tongue weighs as much as an elephant! They eat meat, but they don't have teeth. They gulp and swallow huge quantities of krill and shrimp for their diet. Their mouths have bristles that look like combs and remove water while keeping their food (3)_____.

Whales are social animals that live in 'pods', which are made up of more females than males. They take care of their children. Another female takes over and cares for the calf if one mother is unable to provide it with milk. Their bond is very strong, and they cry when another whale dies. The male makes sure that everyone in the pod gets their fair share of food.

Whistles, clock-like sounds, and songs—frequent, high-pitched sounds—are the means by which the whales (4)_____ with one another. It assists them in locating one another, locating the position of the pod, searching for prey, and attracting mates. Every pod has a distinctive song that sets it apart from the others. These songs can be heard for not only hours, but also days (5)_____ miles of ocean.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. counts
 - ☒ 2. weighs
 - ☒ 3. lifts
 - ☒ 4. loads

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Are you familiar with the movie 'Jurassic Park'? Do you recall the enormous dinosaurs? Do you know that there is still a mammal that is as big and amazing as them? Blue whales are the world's largest living things and (1)_____ vast oceanic expanses. The adult is more than 100 feet long and (2)_____ more than 190 metric tons. According to scientists, a blue whale's heart weighs as much as a car while its tongue weighs as much as an elephant! They eat meat, but they don't have teeth. They gulp and swallow huge quantities of krill and shrimp for their diet. Their mouths have bristles that look like combs and remove water while keeping their food (3)_____.

Whales are social animals that live in 'pods', which are made up of more females than males. They take care of their children. Another female takes over and cares for the calf if one mother is unable to provide it with milk. Their bond is very strong, and they cry when another whale dies. The male makes sure that everyone in the pod gets their fair share of food.

Whistles, clock-like sounds, and songs—frequent, high-pitched sounds—are the means by which the whales (4)_____ with one another. It assists them in locating one another, locating the position of the pod, searching for prey, and attracting mates. Every pod has a distinctive song that sets it apart from the others. These songs can be heard for not only hours, but also days (5)_____ miles of ocean.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. brokerage
 - ☒ 2. beckon
 - ☒ 3. intact
 - ☒ 4. fair

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Are you familiar with the movie 'Jurassic Park'? Do you recall the enormous dinosaurs? Do you know that there is still a mammal that is as big and amazing as them? Blue whales are the world's largest living things and (1)_____ vast oceanic expanses. The adult is more than 100 feet long and (2)_____ more than 190 metric tons. According to scientists, a blue whale's heart weighs as much as a car while its tongue weighs as much as an elephant! They eat meat, but they don't have teeth. They gulp and swallow huge quantities of krill and shrimp for their diet. Their mouths have bristles that look like combs and remove water while keeping their food (3)_____.

Whales are social animals that live in 'pods', which are made up of more females than males. They take care of their children. Another female takes over and cares for the calf if one mother is unable to provide it with milk. Their bond is very strong, and they cry when another whale dies. The male makes sure that everyone in the pod gets their fair share of food.

Whistles, clock-like sounds, and songs—frequent, high-pitched sounds—are the means by which the whales (4)_____ with one another. It assists them in locating one another, locating the position of the pod, searching for prey, and attracting mates. Every pod has a distinctive song that sets it apart from the others. These songs can be heard for not only hours, but also days (5)_____ miles of ocean.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. meet
 - ☒ 2. communicate
 - ☒ 3. catch
 - ☒ 4. horrid

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Are you familiar with the movie 'Jurassic Park'? Do you recall the enormous dinosaurs? Do you know that there is still a mammal that is as big and amazing as them? Blue whales are the world's largest living things and (1)_____ vast oceanic expanses. The adult is more than 100 feet long and (2)_____ more than 190 metric tons. According to scientists, a blue whale's heart weighs as much as a car while its tongue weighs as much as an elephant! They eat meat, but they don't have teeth. They gulp and swallow huge quantities of krill and shrimp for their diet. Their mouths have bristles that look like combs and remove water while keeping their food (3)_____.

Whales are social animals that live in 'pods', which are made up of more females than males. They take care of their children. Another female takes over and cares for the calf if one mother is unable to provide it with milk. Their bond is very strong, and they cry when another whale dies. The male makes sure that everyone in the pod gets their fair share of food.

Whistles, clock-like sounds, and songs—frequent, high-pitched sounds—are the means by which the whales (4)_____ with one another. It assists them in locating one another, locating the position of the pod, searching for prey, and attracting mates. Every pod has a distinctive song that sets it apart from the others. These songs can be heard for not only hours, but also days (5)_____ miles of ocean.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☒ 1. although
 - ☒ 2. beside
 - ☒ 3. off
 - ☒ 4. across

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	16/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Which of the following is true about average?

- Ans**
- ☐ 1. The average of six consecutive odd integers is an odd integer.
 - ☐ 2. The average of six consecutive even integers is an even natural number
 - ☒ 3. The average of six consecutive odd integers is an even integer.
 - ☐ 4. The average of six consecutive odd integers is an odd natural number.

Q.2 Ajit walks around a circular field at the speed of two rounds per hour, while Mohit runs around it at the speed of 10 rounds per hour. They start in the same direction from the same point at 6.30 a.m. Find the time at which they cross each other.

- Ans**
- ☐ 1. 06 : 37 : 50
 - ☐ 2. 06 : 40 : 00
 - ☐ 3. 06 : 37 : 20
 - ☒ 4. 06 : 37 : 30

Q.3 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 4% per year rate of interest for 6 years.

- Ans**
- ☐ 1. 800
 - ☒ 2. 840
 - ☐ 3. 780
 - ☐ 4. 880

Q.4 There are 98 women in a group and their average weight is 52 kg. If 7 women of average weight 60 kg leave the group and two new women of average weight 80 kg join the group, then what will be the new average weight of women in the group now?

- Ans**
- ☐ 1. 50 kg
 - ☐ 2. 56 kg
 - ☒ 3. 52 kg
 - ☐ 4. 54 kg

Q.5 The marked price of a table is ₹10,500, and it was sold for ₹9,450. Find the percentage discount for this transaction.

- Ans**
- ☐ 1. 10.5%
 - ☐ 2. 9.5%
 - ☐ 3. 9%
 - ☒ 4. 10%

Q.6 Find the total surface area of hemisphere of radius 6.3 cm.

- Ans**
- ☐ 1. 3,777 cm²
 - ☒ 2. 374.2 cm²
 - ☐ 3. 3,742 cm²
 - ☐ 4. 3,524 cm²

Q.7 A teacher wanted certain groups of students with exactly 10 or 12 or 15 members. What minimum number of students must be there in the class to make the required groups?

- Ans**
- ☐ 1. 150
 - ☒ 2. 60
 - ☐ 3. 37
 - ☐ 4. 120

Q.8 A shopkeeper sells 12 sketches for the same amount of money as he paid for 16 sketches. What is his gain per cent?

- Ans
- ☐ 1. 25%
 - ☐ 2. 33%
 - ☒ 3. $33\frac{1}{3}\%$
 - ☐ 4. $25\frac{1}{3}\%$

Q.9 By selling an article for ₹19, a dealer makes a profit of 25%. By how much should he increase his selling price (in ₹) so as to make a profit of 50%?

- Ans
- ☐ 1. 4.8
 - ☒ 2. 3.8
 - ☐ 3. 5.8
 - ☐ 4. 6.8

Q.10 A thick cylindrical pipe of length 1.4 m open at both the ends has internal and external diameters 60 cm and 80 cm, respectively. It is to be painted from all sides.

What will be the cost of painting (in ₹) if the rate of painting is ₹110 / m²? (Use

$$\pi = \frac{22}{7})$$

- Ans
- ☐ 1. 734
 - ☒ 2. 726
 - ☐ 3. 712
 - ☐ 4. 748

Q.11 The average age of four boys Shikhar, Mukesh, Anil, and Anish is 25 years. If the ages of Shikhar, Mukesh, and Anil are 15, 25, and 29 years, then what is the age (in years) of Anish?

- Ans
- ☒ 1. 31
 - ☐ 2. 32
 - ☐ 3. 29
 - ☐ 4. 30

Q.12 A solid cone of base diameter 20 cm and height 20 cm is melted and recast into a solid metal hemisphere of radius R cm. What is the total surface area (in cm², rounded off to 2 decimal places) of the hemisphere? (Take $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 892.55
 - ☐ 2. 1036.72
 - ☐ 3. 924.86
 - ☒ 4. 942.86

Q.13 The ratio 13:15 expressed as a percentage equals:
(Rounded off to 2 decimal places)

- Ans
- ☐ 1. 75.25%
 - ☒ 2. 86.67%
 - ☐ 3. 83.25%
 - ☐ 4. 89.12%

Q.14 Simple interest on a given sum for 3 years at a rate of 17% per year is ₹7,140 less than the simple interest on the same sum for 5 years. Find the sum.

- Ans**
- ☐ 1. ₹23,000
 - ☐ 2. ₹22,000
 - ☐ 3. ₹20,000
 - ☒ 4. ₹21,000

Q.15 The number of schools in a city is directly proportional to the population of the city. In 2020, there were 125 schools and the population of the city was 1,80,000. In 2023, the number of schools in the city is 180. What is the percentage increase in the population of the city from 2020 to 2023?

- Ans**
- ☐ 1. 46%
 - ☐ 2. 42%
 - ☐ 3. 45%
 - ☒ 4. 44%

Q.16 If the cost price of a dozen mangoes is the same as the selling price of nine mangoes, then the percentage of loss or gain is:

- Ans**
- ☒ 1. gain of $33\frac{1}{3}\%$
 - ☐ 2. gain of 33%
 - ☐ 3. loss of 33%
 - ☐ 4. loss of $33\frac{1}{3}\%$

Q.17 A man on a tour of 400 km, travels the first 120 km at 80 km/h and the next 150 km at 75 km/h. If he must spend less than 5 hours in the tour, what is the minimum speed at which he has to travel for the remaining distance?

- Ans**
- ☐ 1. 90.21 km/h
 - ☐ 2. 84.72 km/h
 - ☐ 3. 88.56 km/h
 - ☒ 4. 86.66 km/h

Q.18 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 7% per year rate of interest for 6 years.

- Ans**
- ☐ 1. 1200
 - ☐ 2. 1220
 - ☒ 3. 1260
 - ☐ 4. 1300

Q.19 The individual weights (in kg) of six boys are 55, 56, 57, 60, 59 and 55. A new boy joins the group, and the mean weight of the group becomes 62 kg. Find the weight of the new boy (in kg).

- Ans**
- ☒ 1. 92
 - ☐ 2. 90
 - ☐ 3. 82
 - ☐ 4. 94

Q.20 If $\{(2 \div 3) \times (9^2 - \sqrt{3^8}) + (7^2 \div 28) \times (4 \div 7) \times 5\}^m \div \left(124 + \frac{3}{7} \times \frac{7}{3}\right) = 1$, then the possible value of m is:

- Ans**
- ☐ 1. 2
 - ☐ 2. 0
 - ☒ 3. 3
 - ☐ 4. 1

Q.1 BI54 is related to XE64 in a certain way. In the same way, DK76 is related to ZG86. To which of the following is FM43 related, following the same logic?

- Ans**
- ☒ 1. IB53
 - ☒ 2. BI53
 - ☒ 3. BE35
 - ☒ 4. EB35

Q.2 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

38, 2
76, 4

- Ans**
- ☒ 1. 171, 9
 - ☒ 2. 368, 13
 - ☒ 3. 238, 11
 - ☒ 4. 151, 6

Q.3 DH87 is related to LP80 in a certain way. In the same way, KO23 is related to SW16. To which of the following is RV92 related, following the same logic?

- Ans**
- ☒ 1. DZ85
 - ☒ 2. DZ88
 - ☒ 3. ZD88
 - ☒ 4. ZD85

Q.4 What should come in place of the question mark (?) in the given series?

247 258 280 313 357 ?

- Ans**
- ☒ 1. 388
 - ☒ 2. 426
 - ☒ 3. 401
 - ☒ 4. 412

Q.5 In a certain code language, 'shivam will eat mango' is written as 'mu tu gu lu' and 'gyan may like mango' is written as 'ku gu nu yu'. How is 'mango' written in the given language?

- Ans**
- ☒ 1. tu
 - ☒ 2. nu
 - ☒ 3. ku
 - ☒ 4. gu

Q.6 In a certain code language, 'joy salt area' is coded as 'sd vt de' and 'area kit care' is coded as 'vt fu pv'. How is 'area' coded in the given language?

- Ans**
- ☒ 1. de
 - ☒ 2. vt
 - ☒ 3. sd
 - ☒ 4. fu

Q.7 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$69 - 36 \times 6 \div 12 + 5 = ?$

- Ans**
- ☒ 1. 128
 - ☒ 2. 130
 - ☒ 3. 129
 - ☒ 4. 136

Q.8 13 is related to 38 following a certain logic. Following the same logic, 15 is related to 44. To which of the following is 26 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 77
 - ☐ 2. 71
 - ☐ 3. 86
 - ☐ 4. 68

Q.9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some jackals are rhinos.
Some rhinos are snakes.

Conclusions:
(I) At least some snakes are jackals.
(II) All snakes are rhinos.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow
 - ☒ 2. Neither conclusion (I) nor (II) follows
 - ☐ 3. Only conclusion (I) follows
 - ☐ 4. Only conclusion (II) follows

Q.10 What should come in place of '?' in the given series?

7, 12, 44, 258, 2056, ?

- Ans**
- ☐ 1. 20560
 - ☒ 2. 20550
 - ☐ 3. 20440
 - ☐ 4. 20540

Q.11 What should come in place of the question mark (?) in the following series based on the English alphabetical order?
DKO, GJL, JII, MHF, ?

- Ans**
- ☐ 1. QGB
 - ☐ 2. PGB
 - ☒ 3. PGC
 - ☐ 4. QGC

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:
All ants are balls.
All ants are dolls.

Conclusions:
(I) Some balls are dolls.
(II) All dolls are ants.

- Ans**
- ☐ 1. Only conclusion (II) follows.
 - ☐ 2. Both conclusions (I) and (II) follow.
 - ☒ 3. Only conclusion (I) follows.
 - ☐ 4. Neither conclusion (I) nor (II) follows.

Q.13 In a certain code language, 'TASK' is coded as '3762' and 'CAST' is coded as '2436'. What is the code for 'K' in that language?

- Ans**
- ☐ 1. 6
 - ☒ 2. 7
 - ☐ 3. 4
 - ☐ 4. 2

Q.14 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(34, 22, 63)
(61, 76, 144)

- Ans
- ☒ 1. (26, 83, 16)
 - ☒ 2. (45, 41, 93)
 - ☒ 3. (86, 13, 96)
 - ☒ 4. (3, 22, 61)

Q.15 ADKR is related to CBMP in a certain way based on the English alphabetical order. In the same way, GXQL is related to IVSJ. To which of the following is OPYD related, following the same logic?

- Ans
- ☒ 1. QANB
 - ☒ 2. BANQ
 - ☒ 3. QBAN
 - ☒ 4. QNAB

Q.16 What will come in the place of '?' in the following equation if '+' and 'x' are interchanged and '-' and '÷' are interchanged?
 $100 - 4 \div 7 + 5 \times 12 = ?$

- Ans
- ☒ 1. 2
 - ☒ 2. 6
 - ☒ 3. 5
 - ☒ 4. 4

Q.17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some pizzas are burgers.

Some pizzas are sausages.

Conclusions:

(I) At least some sausages are burgers.

(II) Some sausages are pizzas.

- Ans
- ☒ 1. Both conclusions (I) and (II) follow
 - ☒ 2. Neither conclusion (I) nor (II) follows
 - ☒ 3. Only conclusion (I) follows
 - ☒ 4. Only conclusion (II) follows

Q.18 In a certain code language, 'HARD' is coded as '1596' and 'CARD' is coded as '5689'. What is the code for 'C' in the given code language?

- Ans
- ☒ 1. 5
 - ☒ 2. 6
 - ☒ 3. 8
 - ☒ 4. 9

Q.19 A, B, C, D, E and F are sitting around a circular table facing the centre (but not necessarily in the same order). F sits third to the left of A. D sits to the immediate left of A. C sits second to the right of A. Only E sits between A and C. When counted from right of A, who sits to the immediate left of B?

- Ans
- ☒ 1. F
 - ☒ 2. C
 - ☒ 3. A
 - ☒ 4. E

Q.20 P, Q, R, S, T and U are sitting around a circular table facing the centre (but not necessarily in the same order). R is sitting to the immediate left of P and immediate right of T. Q is sitting to the immediate left of T. U is sitting to the immediate left of Q. P is sitting to the immediate left of S. Who is sitting to the immediate right of S?

- Ans**
-  1. R
 -  2. T
 -  3. Q
 -  4. U

Section : **General Awareness**

Q.1 In tennis, what is a 'love' score?

- Ans**
-  1. The score when a player wins the first point in a game
 -  2. The highest possible score in a game
 -  3. The score when a player has zero points
 -  4. The score when the game is tied

Q.2 Who among the following was the first Law and Justice Minister of independent India?

- Ans**
-  1. Rajkumari Amrit Kaur
 -  2. Jagjivan Ram
 -  3. John Matthai
 -  4. BR Ambedkar

Q.3 Which of the following states launched Mukhya Mantri Vriksh Sampada Yojana in March 2023?

- Ans**
-  1. Karnataka
 -  2. Chhattisgarh
 -  3. Madhya Pradesh
 -  4. Punjab

Q.4 Which of the following is a public sector industry in India?

- Ans**
-  1. Hindustan Unilever Limited
 -  2. Tata Iron and Steel Company (TISCO)
 -  3. Steel Authority of India Limited (SAIL)
 -  4. Bajaj

Q.5 Which of the following statements are correct about Ribosomes?

Statement A: Ribosomes have no membrane.
Statement B: Digestive hydrolytic enzymes are present in Ribosomes.
Statement C: These are called suicidal bags.
Statement D: Ribosomes play an important role in protein synthesis.

- Ans**
-  1. Only statements A and D
 -  2. Only statements A, B and C
 -  3. Only statements A and C
 -  4. Only statements A and B

Q.6 The Pradhan Mantri Rojgar Protsahan Yojana (PMRPY) was launched by which Ministry of Government of India in the year 2016?

- Ans**
-  1. Ministry of Finance
 -  2. Ministry of Rural Development
 -  3. Ministry of Labour and Employment
 -  4. Ministry of Housing and Urban Affairs

Q.7 Which of the following award did Pandit Ravi Shankar win for four times?

- Ans**
-  1. The CMA Awards
 -  2. The International Classical Music Awards
 -  3. The Grammy Awards
 -  4. The BRIT Awards

Q.8 Which of the following statements is/are correct according to the Census of India-2011?
(a) A person aged seven years or above, who can both read and write with understanding in any language, is treated as literate.
(b) A person who can only read but cannot write is not literate.

Ans  1. Both (a) and (b) are correct
 2. Only (a) is correct
 3. Neither (a) nor (b) is correct
 4. Only (b) is correct

Q.9 A molecule with the chemical formula C_2H_6 is a/an _____ molecule.

Ans  1. methane
 2. ethane
 3. butane
 4. propane

Q.10 'Getting A Grip: On My Body, My Mind, My Self' is an autobiography by who among the following tennis icons?

Ans  1. Steffi Graf
 2. Monica Seles
 3. Anna Kournikova
 4. Maria Sharapova

Q.11 Which of the following was the first subcontinental empire?

Ans  1. Satavahana Empire
 2. Mauryan Empire
 3. Kushan Empire
 4. Gupta Empire

Q.12 Which of the following articles mentions about the Appropriation Bills in the state legislature?

Ans  1. Article 209
 2. Article 204
 3. Article 216
 4. Article 213

Q.13 'Yakshagana', the famous folk dance, is associated with which state?

Ans  1. Bihar
 2. Karnataka
 3. Kerala
 4. Manipur

Q.14 Nife layer of earth is situated in the _____.

Ans  1. Mantle
 2. Lithosphere
 3. Crust
 4. Core

Q.15 The College of Fort William was established at _____ under British rule.

Ans  1. Bombay
 2. Delhi
 3. Calcutta
 4. Madras

Q.16 The famous Qila-i-Kuhna (mosque of the old fort) was built by:

Ans  1. Alauddin Khilji
 2. Sher Shah
 3. Humayun
 4. Akbar

Q.17	In which of the following months is the Tuluni festival celebrated in Nagaland by the Sumi tribe?
Ans	1. August 2. June 3. July 4. May
Q.18	Which of the following pairs is INCORRECTLY matched?
Ans	1. Procedure Established by Law - Japan 2. Concurrent List - Australia 3. Rule of Law - Britain 4. Function of President - France
Q.19	In May 2023, Prime Minister Narendra Modi has been awarded the highest honours by the Pacific island nations of Papua New Guinea and _____.
Ans	1. Nauru 2. Tuvalu 3. Fiji 4. Kiribati
Q.20	Which city hosted the XXII Commonwealth Games 2022?
Ans	1. Delhi 2. Glasgow 3. Gold Coast 4. Birmingham
Q.21	Who is the recipient of Padma Vibhushan 2000 for reviving the Odissi Classical dance form?
Ans	1. Hari Prasad Chaurasia 2. Pandit Jasraj 3. T Balasaraswati 4. Kelucharan Mohapatra
Q.22	Which of the following crops that spread to northern India in the early years of the 17 th century was NOT mentioned in the Ain-i-Akbari in the lists of crops in northern India?
Ans	1. Jowar 2. Tobacco 3. Wheat 4. Arhar
Q.23	What cellular structure is responsible for breaking down and recycling cellular components and molecules?
Ans	1. Ribosome 2. Nucleus 3. Mitochondrion 4. Lysosome
Q.24	What are the three components of the empowerment model in SAPAP of SHGs?
Ans	1. Social mobilisation, capital formation, and capacity building 2. Collective empowerment, capital formation, and poverty eradication 3. Public resource allocation, capacity building, and microfinance 4. Social mobilisation, economic development, and education
Q.25	The Indian Bureau of Mines (IBM) was established in the year _____.
Ans	1. 1960 2. 1948 3. 1985 4. 1973

Q.1 Select the most appropriate idiom to fill in the blank.

Getting a sudden promotion and increment in my current profile was like _____.

- Ans**
- ☒ 1. a ballpark figure
 - ☒ 2. a foul play
 - ☒ 3. a bolt from the blue
 - ☒ 4. a fish out of water

Q.2 Select the most appropriate ANTONYM of the given word.
Extensive

- Ans**
- ☒ 1. Expensive
 - ☒ 2. Abstract
 - ☒ 3. Limited
 - ☒ 4. Concrete

Q.3 Select the most appropriate ANTONYM of the given word.

Amplify

- Ans**
- ☒ 1. Contract
 - ☒ 2. Exert
 - ☒ 3. Defy
 - ☒ 4. Enlarge

Q.4 The following sentence has been split into four segments. Identify the segment that contains an error.

Stephan, however, contrived / to put away / his departure / for eighteen months.

- Ans**
- ☒ 1. for eighteen months
 - ☒ 2. Stephan,however,contrived
 - ☒ 3. his departure
 - ☒ 4. to put away

Q.5 Select the most appropriate option to fill in the blank.
I could make out from my son's voice that he was _____ as his exam did not go well.

- Ans**
- ☒ 1. sad
 - ☒ 2. confused
 - ☒ 3. rejected
 - ☒ 4. abrogated

Q.6 Select the most appropriate ANTONYM of the given word.

Expand

- Ans**
- ☒ 1. Shrink
 - ☒ 2. Protect
 - ☒ 3. Inflate
 - ☒ 4. Network

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

You know that I am fond of reading / and also that all books are my favourite / but you don't know that this is one of / my favourite book.

- Ans**
- ☒ 1. and also that all books are my favourite
 - ☒ 2. my favourite book.
 - ☒ 3. You know that I am fond of reading
 - ☒ 4. but you don't know that this is one of

Q.8 Select the most appropriate option that can substitute the underlined segment in the given sentence.

We can observed from the poll that the award is likely to go to the horror movie director this year.

- Ans**
- ☒ 1. had observe from
 - ☒ 2. have been observing of
 - ☒ 3. can observe from
 - ☒ 4. are observing of

Q.9 Select the most appropriate ANTONYM of the given word.

Fluctuate

- Ans**
- ☒ 1. Steady
 - ☒ 2. Descend
 - ☒ 3. Mitigate
 - ☒ 4. Wobble

Q.10 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Phytoplankton
 - ☒ 2. Suppressant
 - ☒ 3. Accentuation
 - ☒ 4. Supperannuation

Q.11 Select the grammatically correct sentence from the options given.

- Ans**
- ☒ 1. Neither a boy nor the mother could identify a man.
 - ☒ 2. Neither the boy nor the mother could identify the man.
 - ☒ 3. Neither the boy nor a mother could identify a man.
 - ☒ 4. Neither a boy nor a mother could identify the man.

Q.12 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
Her decision, / given the complex circumstances, / was too impulsively made.

- Ans**
- ☒ 1. was too impulsively made.
 - ☒ 2. No error
 - ☒ 3. given the complex circumstances,
 - ☒ 4. Her decision,

Q.13 Select the most appropriate meaning of the given idiom.

Once in a blue moon

- Ans**
- ☒ 1. A regular activity
 - ☒ 2. A pleasant surprise
 - ☒ 3. A rare occurrence
 - ☒ 4. A frequent event

Q.14 Select the option with the correct spelling to replace the underlined word in the given sentence.
Development does not take place in a vaccum.

- Ans**
- ☒ 1. vacuum
 - ☒ 2. vaccim
 - ☒ 3. vacuuem
 - ☒ 4. vakum

Q.15 Select the most appropriate option to fill in the blanks.

Our _____ has so many magnificent tourist destinations, with unimaginable potential, yet to _____ fully explored.

- Ans**
- ☒ 1. land; has
 - ☒ 2. national; have
 - ☒ 3. country; be
 - ☒ 4. state; been

Q.16 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Chetan's room is clean / than Ram's room because / Chetan cleans it more often than Ram.

- Ans**
- ☒ 1. No error
 - ☒ 2. Chetan's room is clean
 - ☒ 3. than Ram's room because
 - ☒ 4. Chetan cleans it more often than Ram

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence.

He is the healthy person I have ever met in life.

- Ans**
- ☒ 1. most healthy
 - ☒ 2. healthier
 - ☒ 3. more healthy
 - ☒ 4. healthiest

Q.18 Select the most appropriate synonym of the given word.
Vague

- Ans**
- ☒ 1. Intact
 - ☒ 2. Dissimilar
 - ☒ 3. Indefinite
 - ☒ 4. Distinct

Q.19 Select the option that can be used as a one-word substitute for the given group of words.
The space or room that is at the top of a building or just below the main roof

- Ans**
- ☒ 1. Ceiling
 - ☒ 2. Dome
 - ☒ 3. Stairs
 - ☒ 4. Attic

Q.20 Select the option that correctly rectifies the underlined spelling error.

The worlds you and I belong to are very defferent.

- Ans**
- ☒ 1. diferent
 - ☒ 2. deffirent
 - ☒ 3. deferent
 - ☒ 4. different

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

She went on a quest for ancient things ____ (1) ____ could have a soul of their own, something ____ (2) ____ Aladdin's lamp that was home to a genie. She searched flea markets, met with art dealers and even went to excavation sites. She ____ (3) ____ searching for something that would have seen some ancient history when an ____ (4) ____, ____ (5) ____, ____ (6) ____ apothecary table caught her attention. It was perhaps owned by a ____ (7) ____, ____ (8) ____, ____ (9) ____ woman who was a wise medic but was deemed a witch.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. who
 - ☒ 2. whose
 - ☒ 3. which
 - ☒ 4. that

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

She went on a quest for ancient things ___(1)___ could have a soul of their own, something ___(2)___ Aladdin's lamp that was home to a genie. She searched flea markets, met with art dealers and even went to excavation sites. She ___(3)___ searching for something that would have seen some ancient history when an ___(4)___, ___(5)___, ___(6)___ apothecary table caught her attention. It was perhaps owned by a ___(7)___, ___(8)___, ___(9)___ woman who was a wise medic but was deemed a witch.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. upstairs
 - ☒ 2. like
 - ☒ 3. of
 - ☒ 4. by

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

She went on a quest for ancient things ___(1)___ could have a soul of their own, something ___(2)___ Aladdin's lamp that was home to a genie. She searched flea markets, met with art dealers and even went to excavation sites. She ___(3)___ searching for something that would have seen some ancient history when an ___(4)___, ___(5)___, ___(6)___ apothecary table caught her attention. It was perhaps owned by a ___(7)___, ___(8)___, ___(9)___ woman who was a wise medic but was deemed a witch.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. is
 - ☒ 2. was
 - ☒ 3. were
 - ☒ 4. has been

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

She went on a quest for ancient things ___(1)___ could have a soul of their own, something ___(2)___ Aladdin's lamp that was home to a genie. She searched flea markets, met with art dealers and even went to excavation sites. She ___(3)___ searching for something that would have seen some ancient history when an ___(4)___, ___(5)___, ___(6)___ apothecary table caught her attention. It was perhaps owned by a ___(7)___, ___(8)___, ___(9)___ woman who was a wise medic but was deemed a witch.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blanks numbered 4, 5 and 6 respectively.

- Ans**
- ☒ 1. antique; chestnut brown; heavy
 - ☒ 2. chestnut brown; antique; heavy
 - ☒ 3. antique; heavy; chestnut brown
 - ☒ 4. heavy; antique; chestnut brown

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

She went on a quest for ancient things ___(1)___ could have a soul of their own, something ___(2)___ Aladdin's lamp that was home to a genie. She searched flea markets, met with art dealers and even went to excavation sites. She ___(3)___ searching for something that would have seen some ancient history when an ___(4)___, ___(5)___, ___(6)___ apothecary table caught her attention. It was perhaps owned by a ___(7)___, ___(8)___, ___(9)___ woman who was a wise medic but was deemed a witch.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blanks numbered 7, 8 and 9 respectively.

- Ans**
- ☒ 1. small; hunch-backed; old
 - ☒ 2. hunch-backed; old; small
 - ☒ 3. old; small; hunch-backed
 - ☒ 4. small; old; hunch-backed

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	16/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 A man bought an article for ₹500 and sold it for ₹600. Find his profit percentage.

- Ans
- ☐ 1. 10%
 - ☐ 2. 40%
 - ☒ 3. 20%
 - ☐ 4. 30%

Q.2 A car driver covers a total distance of 120 km. He covers the first 80 km at a uniform speed of 50 km/h and the next 40 km at a uniform speed of 40 km/h. The average speed of the car is:

- Ans
- ☐ 1. $46\frac{5}{13}$ km/h
 - ☒ 2. $46\frac{2}{13}$ km/h
 - ☐ 3. $46\frac{3}{13}$ km/h
 - ☐ 4. $46\frac{1}{13}$ km/h

Q.3 Two classes took the same test. One class of 20 students made an average grade of 85%, the other class of 30 students made an average grade of 70%. The average grade for all students across both classes is:

- Ans
- ☐ 1. 75%
 - ☐ 2. 74%
 - ☒ 3. 76%
 - ☐ 4. 72%

Q.4 The external and internal diameters of a hollow cylindrical pipe are 14 cm and 12 cm, respectively. What is the volume of iron used to make the pipe if the height of the pipe is 21 cm? (Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 588 cu.cm
 - ☐ 2. 462 cu.cm
 - ☒ 3. 858 cu.cm
 - ☐ 4. 396 cu.cm

Q.5 Find the simple interest (in ₹) on ₹940 for 3 years at 5% per annum.

- Ans
- ☐ 1. ₹140
 - ☐ 2. ₹143
 - ☐ 3. ₹142
 - ☒ 4. ₹141

Q.6 By selling an article for ₹800, a shopkeeper makes a profit of 25%. At what price should he sell the article so as to make a loss of 25%?

- Ans**
- ☐ 1. ₹520
 - ☐ 2. ₹500
 - ☐ 3. ₹460
 - ☒ 4. ₹480

Q.7 If $12 : x :: x : 27$ and $25 : y :: y : 36$, where x and y are both positive numbers, then find $x : y$.

- Ans**
- ☐ 1. 4 : 7
 - ☒ 2. 3 : 5
 - ☐ 3. 5 : 6
 - ☐ 4. 7 : 9

Q.8 Find the ratio of the curved surface areas of two cones if the diameters of the bases are equal and slant heights are in the ratio 5 : 3.

- Ans**
- ☐ 1. 7 : 5
 - ☐ 2. 3 : 2
 - ☐ 3. 2 : 3
 - ☒ 4. 5 : 3

Q.9 A and B are running in the same direction at the speeds of 9km/h and 3km/h, respectively, on a circular track of length 27 km. They will meet again after:

- Ans**
- ☒ 1. 4.5 hours
 - ☐ 2. 3 hours
 - ☐ 3. 4 hours
 - ☐ 4. 3.5 hours

Q.10 If $\{(1 \div x^2)(x^4 - 3x^3) + (9^3 \div 3^5)x\} \div 36 = 1$, then the possible value(s) of x is/are:

- Ans**
- ☐ 1. -4 and 4
 - ☒ 2. -6 and 6
 - ☐ 3. only -6
 - ☐ 4. only 6

Q.11 A cylinder with a radius of 12 cm and height of 38 cm is cut parallel to the base into two pieces of different sizes. The total surface area of the larger piece formed is 60% of the total surface area of the given cylinder. The smaller piece is melted and used to create a sphere. Find the radius (in cm) of the sphere.

- Ans**
- ☒ 1. $6 \times \sqrt[3]{10}$
 - ☐ 2. $10 \times \sqrt[3]{6}$
 - ☐ 3. $10 \times \sqrt[3]{5}$
 - ☐ 4. $5 \times \sqrt[3]{10}$

Q.12 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 6% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 800
 - ☐ 2. 880
 - ☐ 3. 780
 - ☒ 4. 840

Q.13 Reduce $\frac{374}{418}$ to the lowest term.

- Ans
- ☐ 1. $\frac{11}{19}$
 - ☒ 2. $\frac{17}{19}$
 - ☐ 3. $\frac{12}{13}$
 - ☐ 4. $\frac{11}{13}$

Q.14 Aniruddh invested ₹15,000 in the shares of a company. The shares rose by 15% one day and fell by 10% on the other day. What is the current value (in ₹) of Aniruddh's investment?

- Ans
- ☐ 1. 15450
 - ☐ 2. 15750
 - ☐ 3. 15500
 - ☒ 4. 15525

Q.15 In the what ratio must a shopkeeper mix 2 types of rice worth ₹80/kg and ₹100/kg, so that the average cost of the mixture is ₹95/kg?

- Ans
- ☒ 1. 1 : 3
 - ☐ 2. 2 : 3
 - ☐ 3. 1 : 2
 - ☐ 4. 1 : 4

Q.16 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 5% per year rate of interest for 2 years.

- Ans
- ☐ 1. 290
 - ☒ 2. 350
 - ☐ 3. 310
 - ☐ 4. 390

Q.17 In a group of 260 people, one-fourth are women, two-fifth are men and the rest are children. The average age of women is five-sixth of the average age of men, average age of children is one-third of the average age of men. If the average age of men is 48 years, what is the average age of the group in years?

- Ans
- ☐ 1. 38.4
 - ☐ 2. 42.7
 - ☒ 3. 34.8
 - ☐ 4. 32.7

Q.18 The difference between discounts on a bill for ₹22,500 under two schemes, a discount of 40% and two successive discounts of 36% and 4%, is:

- Ans
- ☐ 1. ₹342
 - ☐ 2. ₹365
 - ☒ 3. ₹324
 - ☐ 4. ₹356

Q.19 The average weight of 12 students and two teachers is 55 kg. When one teacher weighing 68 kg is included in the group, then the average weight of the group (in kg) is:

- Ans
- ☐ 1. 55
 - ☒ 2. 56
 - ☐ 3. 56.5
 - ☐ 4. 54.5

Q.20 If the cost price of 30 books is same as the selling price of 20 books, then the gain percentage is:

- Ans**
- ☐ 1. 25%
 - ☐ 2. 15%
 - ☐ 3. 40%
 - ☒ 4. 50%

Section : Reasoning Ability and Problem Solving

Q.1 In a certain code language, 'ROSE' is coded as '8546' and 'SURE' is coded as '4368'. What is the code for 'U' in the given code language?

- Ans**
- ☐ 1. 8
 - ☒ 2. 3
 - ☐ 3. 4
 - ☐ 4. 5

Q.2 In a certain code language, 'MONK' is coded as '1238' and 'HONK' is coded as '8326'. What is the code for 'H' in that language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 3
 - ☒ 3. 6
 - ☐ 4. 2

Q.3 This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.

Statements:

All bags are purses.

No purse is a wallet.

Conclusions

(I) At least some wallets are purses.

(II) No bag is a wallet.

- Ans**
- ☒ 1. Only conclusion (II) follows
 - ☐ 2. Neither conclusion (I) nor (II) follows
 - ☐ 3. Only conclusion (I) follows
 - ☐ 4. Both conclusions (I) and (II) follow

Q.4 What will come in the place of the question mark (?) in the following equation, if '+' and '÷' are interchanged and '-' and '×' are interchanged?

$$4 - 6 \times 27 \div 72 + 6 = ?$$

- Ans**
- ☐ 1. 14
 - ☐ 2. 6
 - ☒ 3. 9
 - ☐ 4. 1

Q.5 MHLG is related to IDHC in a certain way based on the English alphabetical order. In the same way, PKOJ is related to LGKF. To which of the following is SNRM related, following the same logic?

- Ans**
- ☐ 1. OJIN
 - ☐ 2. JONI
 - ☐ 3. JOIN
 - ☒ 4. OJNI

Q.6 What should come in place of the question mark (?) in the following series based on the English alphabetical order?
PAX, RCV, TET, VGR, ?

- Ans**
- ☐ 1. XIQ
 - ☐ 2. XJP
 - ☐ 3. XJQ
 - ☒ 4. XIP

Q.7 In a certain code language, 'FOUR' is coded as '3157' and 'RENT' is coded as '2384'. What is the code for 'R' in the given code language?

- Ans**
- ☒ 1. 3
 - ☐ 2. 4
 - ☐ 3. 7
 - ☐ 4. 2

Q.8 Based on the English alphabetical order, three of the following four letter-cluster pairs are alike in a certain way and thus form a group. Which of the following does not belong to that group?

- Ans**
- ☒ 1. NT - MS
 - ☐ 2. GP - FQ
 - ☐ 3. DC - CD
 - ☐ 4. KL - JM

Q.9 What should come in place of the question mark (?) in the following series?
5, ?, 45, 135, 405, 1215

- Ans**
- ☐ 1. 35
 - ☐ 2. 45
 - ☒ 3. 15
 - ☐ 4. 25

Q.10 RZ31 is related to TB25 in a certain way. In the same way, JR46 is related to LT40. To which of the following is GO18 related following the same logic?

- Ans**
- ☒ 1. IQ12
 - ☐ 2. IQ15
 - ☐ 3. JP15
 - ☐ 4. JP12

Q.11 What will come in the place of the question mark (?) in the following equation if '÷' and '+' are interchanged and '-' and '×' are interchanged?

$$17 \div 27 \times 7 - 9 + 3 = ?$$

- Ans**
- ☒ 1. 23
 - ☐ 2. 122
 - ☐ 3. 34
 - ☐ 4. 76

Q.12 In a certain code language, 'she is intelligent' is written as 'le me re' and 'she is studious' is written as 're de me'. How is 'studious' written in the given code language?

- Ans**
- ☐ 1. le
 - ☐ 2. me
 - ☐ 3. re
 - ☒ 4. de

Q.13 43 is related to 87 following a certain logic. Following the same logic, 63 is related to 127. To which of the following is 52 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 105
 - ☐ 2. 111
 - ☐ 3. 101
 - ☐ 4. 108

Q.14 Seven people P, Q, R, S, T, U and V are sitting around a circular table, facing the centre (but not necessarily in the same order). S is sitting third to the left of V. T is sitting second to the right of S. P is sitting fourth to the right of Q. U is sitting second to the left of P. What is the position of R with respect to T?

- Ans**
-  1. Third to the left
 -  2. Second to the left
 -  3. Third to the right
 -  4. To the immediate left

Q.15 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All shirts are pants.

Some pants are watches.

Conclusions:

(I) Some shirts are watches.

(II) Some watches are not pants.

- Ans**
-  1. Only conclusion II follows.
 -  2. Only conclusion I follows.
 -  3. Both conclusions I and II follow.
 -  4. Neither conclusion I nor II follows.

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(8, 320, 4)
(1, 70, 7)

- Ans**
-  1. (3, 22, 5)
 -  2. (2, 110, 5)
 -  3. (2, 40, 2)
 -  4. (3, 10, 7)

Q.17 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(5, 140, 9)

(3, 70, 4)

- Ans**
-  1. (3, 120, 8)
 -  2. (7, 120, 5)
 -  3. (11, 150, 6)
 -  4. (18, 150, 2)

Q.18 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All chocolates are juices.

No juice is a biscuit.

Conclusions:

(I) No chocolate is a biscuit.

(II) No biscuit is a juice.

- Ans**
-  1. Only conclusion I follows.
 -  2. Only conclusion II follows.
 -  3. Both conclusions I and II follow.
 -  4. Neither conclusion I nor II follows.

Q.19 A, B, C, D, E and F are sitting around a circular table facing the centre (but not necessarily in the same order). A is sitting third to the left of B. C is sitting second to the right of F. A is sitting to the immediate left of C. D is not an immediate neighbour of C.
What is the position of B with respect to E?

- Ans**
- ☐ 1. Second to the left
 - ☐ 2. Immediate left
 - ☐ 3. Second to the right
 - ☒ 4. Immediate right

Q.20 What should come in place of '?' in the given series?

5040, 6064, 6576, 6832, 6960, ?

- Ans**
- ☒ 1. 7024
 - ☐ 2. 7088
 - ☐ 3. 7216
 - ☐ 4. 7472

Section : **General Awareness**

Q.1 In September 2023, which Chief Minister of an Indian state won the Lee Kuan Yew Exchange Fellowship for his distinguished contribution to public service?

- Ans**
- ☐ 1. Shivraj Singh Chouhan
 - ☐ 2. Yogi Adityanath
 - ☐ 3. Naveen Patnayak
 - ☒ 4. Himanta Biswa Sarma

Q.2 Identify the INCORRECT pair.

- Ans**
- ☒ 1. Blossom Shower - Andhra Pradesh
 - ☐ 2. Nor Westers - West Bengal
 - ☐ 3. Bardoisila - Assam
 - ☐ 4. Mango Shower - Kerala

Q.3 Who among the following was NOT associated with the 'Prarthana Sabha'?

- Ans**
- ☐ 1. Govind Ranade
 - ☒ 2. Mahatma Gandhi
 - ☐ 3. RG Bhandarkar
 - ☐ 4. Atmaram Pandurang

Q.4 Match list I of cell organelles with their functions in list II.

List I:

- (a) Endoplasmic reticulum
- (b) Vacuoles
- (c) Golgi apparatus
- (d) Mitochondria

List II:

- (i) for packaging of materials synthesised near the ER and dispatching them to various targets.
- (ii) generates ATP.
- (iii) are storage sacs for solid or liquid contents.
- (iv) serve as channels for the transport of proteins.

- Ans**
- ☐ 1. (a) - (iv); (b) - (i); (c) - (iii); (d) - (ii)
 - ☒ 2. (a) - (iv); (b) - (iii); (c) - (i); (d) - (ii)
 - ☐ 3. (a) - (iv); (b) - (i); (c) - (ii); (d) - (iii)
 - ☐ 4. (a) - (i); (b) - (iv); (c) - (iii); (d) - (ii)

Q.5 Which type of molecules show dipole-dipole interaction?

- Ans**
- ☐ 1. Ionic molecules
 - ☐ 2. Molecules possessing transient dipole
 - ☐ 3. Non-polar molecules
 - ☒ 4. Molecules possessing permanent dipole

Q.6 From which of the following countries was the concept of the Fundamental Duties borrowed?

- Ans**
- ☐ 1. Australia
 - ☐ 2. Ireland
 - ☒ 3. Russia
 - ☐ 4. USA

Q.7 Who was named as the president of Shiv Sena (Shinde Group) during the party's national executive meeting in Mumbai in February 2023?

- Ans**
- ☐ 1. Sanjay Raut
 - ☐ 2. Uddhav Thackeray
 - ☐ 3. Aaditya Thackeray
 - ☒ 4. Eknath Shinde

Q.8 The first ICC Women's T20 Cricket World Cup was hosted by _____.

- Ans**
- ☐ 1. Australia
 - ☐ 2. South Africa
 - ☒ 3. England
 - ☐ 4. India

Q.9 Kishori Amonkar, one of the finest classical singers of Hindustani music, was from which state?

- Ans**
- ☐ 1. Gujarat
 - ☐ 2. Uttar Pradesh
 - ☒ 3. Maharashtra
 - ☐ 4. Bihar

Q.10 For how many days is the Chhat Puja celebrated?

- Ans**
- ☒ 1. Four
 - ☐ 2. Five
 - ☐ 3. One
 - ☐ 4. Two

Q.11 Who is the writer of the novel 'A Suitable Boy'?

- Ans**
- ☐ 1. Arvind Adiga
 - ☒ 2. Vikram Seth
 - ☐ 3. Neel Mukherjee
 - ☐ 4. Mahesh Rao

Q.12 'Gaur Maria' dance is performed in which of the following state?

- Ans**
- ☐ 1. Rajasthan
 - ☐ 2. Telengana
 - ☒ 3. Chhattisgarh
 - ☐ 4. Gujarat

Q.13 Who among the following personalities said, "What I object to is the 'craze' for machinery as such. The craze is for what they call labour-saving machinery. Men go on 'saving labour' till thousands are without work and thrown to the open streets to die of starvation."?

- Ans**
- ☒ 1. Mahatma Gandhi
 - ☐ 2. Swami Vivekananda
 - ☐ 3. Lal Bahadur Shastri
 - ☐ 4. Pt. Jawaharlal Nehru

Q.14 The property of rock or soil that indicates the ability of allowing fluids to flow through it is called:

- Ans**
- ☒ 1. Permeability
 - ☐ 2. Stability
 - ☐ 3. Plasticity
 - ☐ 4. Density

Q.15 In which state is the Jhumming cultivation known as Dahiya?

- Ans**
- ☒ 1. Madhya Pradesh
 - ☐ 2. Rajasthan
 - ☐ 3. Andhra Pradesh
 - ☐ 4. Odisha

Q.16 The Maukharis ruled over _____ in western Uttar Pradesh, which later on replaced Pataliputra as the political centre of northern India.

- Ans**
- ☒ 1. Kanauj
 - ☐ 2. Jhansi
 - ☐ 3. Mathura
 - ☐ 4. Agra

Q.17 Gulbarga and Bidar style of architecture was patronised by which of the following dynasties?

- Ans**
- ☐ 1. Nanda dynasty
 - ☐ 2. Tuluva dynasty
 - ☒ 3. Bahmani dynasty
 - ☐ 4. Maratha dynasty

Q.18 Air and National Defence are examples of which of the following goods?

- Ans**
- ☒ 1. Public goods
 - ☐ 2. Club goods
 - ☐ 3. Common goods
 - ☐ 4. Private goods

Q.19 Which food is a good source of complete protein?

- Ans**
- ☐ 1. Lentils
 - ☐ 2. Spinach
 - ☒ 3. Eggs
 - ☐ 4. Rice

Q.20 Which of the following Articles of the Constitution mentions that, “There shall be paid to the Judges of the Supreme Court, such salaries as may be determined by the Parliament by law, and until provision in that behalf is so made, such salaries as are specified in the Second Schedule”?

- Ans**
- ☐ 1. 127
 - ☐ 2. 124
 - ☒ 3. 125
 - ☐ 4. 126

Q.21 Which of the following initiatives of the Government of India promises 100 days of guaranteed wage employment to all the rural households who volunteer to do unskilled manual work?

- Ans**
- ☐ 1. Pradhan Mantri Rojgar Protsahan Yojana
 - ☐ 2. Pradhan Mantri Garib Kalyan Rojgar Abhiyaan
 - ☒ 3. Mahatma Gandhi National Rural Employment Guarantee Scheme
 - ☐ 4. National Career Service

Q.22 Who among the following became the first Indian to win a gold medal at the World Athletics Championships event?

- Ans**
- ☒ 1. Neeraj Chopra
 - ☐ 2. Duti Chand
 - ☐ 3. Milkha Singh
 - ☐ 4. Murli Shree Sankar

Q.23 Captain Hawkins visited India during the reign of:

- Ans**
- ☒ 1. Jahangir
 - ☐ 2. Shahjahan
 - ☐ 3. Babur
 - ☐ 4. Akbar

Q.24 Mahatma Gandhi Kashi Vidyapith was founded by Shiv Prasad Gupta and Bhagwan Das in the year _____.

- Ans**
- ☐ 1. 1922
 - ☐ 2. 1919
 - ☒ 3. 1921
 - ☐ 4. 1920

Q.25 Darshana Jhaveri, a famous Manipuri dancer, was awarded the Padma Shri in which of the following years?

- Ans**
- ☒ 1. 2002
 - ☐ 2. 2003
 - ☐ 3. 2005
 - ☐ 4. 2001

Section : **English Language and Comprehension**

Q.1 Select the option that can be used as a one-word substitute for the given phrase.
Something that has the quality of being easily broken

- Ans**
- ☐ 1. Damage
 - ☒ 2. Brittle
 - ☐ 3. Broken
 - ☐ 4. Hard

Q.2 Select the most appropriate option to fill in the blank.

The coaches decided to _____ the regulations more strictly because the candidates were not paying attention during their training sessions.

- Ans**
- ☒ 1. enforce
 - ☐ 2. supply
 - ☐ 3. provide
 - ☐ 4. enjoy

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He was constantly / gazing on the / crime scene to / find some clues.

- Ans**
- ☒ 1. gazing on the
 - ☐ 2. crime scene to
 - ☐ 3. He was constantly
 - ☐ 4. find some clues

Q.4 Select the correct idiom to substitute the underlined segment in the following sentence.
Sean is notorious for revealing the secrets about the company.

- Ans**
- ☐ 1. Being in bad blood
 - ☒ 2. Spilling the beans
 - ☐ 3. Biting the bullet
 - ☐ 4. Biting the dust

Q.5 Select the most appropriate idiom that can substitute the underlined words in the given sentence.

I heard management is planning to transfer me to another department and demote me. I need to confirm if this is true by hearing it directly from the person involved and from my manager.

- Ans**
- ☐ 1. on pins and needles
 - ☒ 2. straight from the horse's mouth
 - ☐ 3. in the seventh heaven
 - ☐ 4. bearing a grudge

Q.6 Select the option that correctly rectifies the underlined spelling error.
The scientist made an appauling discovery about the environmental impact of the drug.

- Ans**
- ☒ 1. appaulling
 - ☒ 2. apalling
 - ☒ 3. appalling
 - ☒ 4. appawling

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
There has been / an increase of the number / of road / accidents recently.

- Ans**
- ☒ 1. an increase of the number
 - ☒ 2. accidents recently
 - ☒ 3. There has been
 - ☒ 4. of road

Q.8 Select the word that is OPPOSITE in meaning to the underlined word in the given sentence.

The name should also be beneficial to a strong, long-lasting marketing campaign.

- Ans**
- ☒ 1. Causal
 - ☒ 2. Desirable
 - ☒ 3. Detrimental
 - ☒ 4. Advantageous

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Osmium is heavy metal in the periodic table.

- Ans**
- ☒ 1. the most heavy
 - ☒ 2. the heaviest
 - ☒ 3. more heavy
 - ☒ 4. heavier

Q.10 Select the most appropriate option that can substitute the underlined words in the given sentence.

Solving the riddle given by our teacher is farther beyond our capacity.

- Ans**
- ☒ 1. fare
 - ☒ 2. far
 - ☒ 3. fair
 - ☒ 4. farthest

Q.11 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Although she is virtuous in her deeds, people misinterpret her because of her open and bold nature.

- Ans**
- ☒ 1. commendable
 - ☒ 2. moral
 - ☒ 3. sane
 - ☒ 4. wicked

Q.12 Select the most appropriate option to fill in the blank.
I have a _____ for reading and want to become a writer when I grow up.

- Ans**
- ☒ 1. passion
 - ☒ 2. dream
 - ☒ 3. tallow
 - ☒ 4. unity

Q.13 Select the option that rectifies the error in the usage of the future tense in the given sentence.

Shivani go to school tomorrow for prize distribution.

- Ans**
- ☒ 1. Shivani will go to school tomorrow for prize distribution.
 - ☒ 2. Shivani has gone to school tomorrow for prize distribution.
 - ☒ 3. Shivani goes to school tomorrow for prize distribution.
 - ☒ 4. Shivani had gone to school tomorrow for prize distribution.

Q.14 Select the most appropriate word from the options to fill in the blank.
Adithya ordered a juicy _____ cooked to perfection at the highway restaurant.

- Ans**
- ☐ 1. stink
 - ☐ 2. stake
 - ☒ 3. steak
 - ☐ 4. stoke

Q.15 Select the most appropriate option to fill in the blank.

I checked the _____ to see if it will rain or not.

- Ans**
- ☐ 1. wether
 - ☐ 2. whether
 - ☐ 3. wither
 - ☒ 4. weather

Q.16 Select the most appropriate option that can replace the underlined segment in the given sentence.

No sooner had they left their home that it started raining heavily.

- Ans**
- ☐ 1. there home than it started
 - ☐ 2. their home that it start
 - ☐ 3. their home than it starts
 - ☒ 4. their home than it started

Q.17 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Convenience
 - ☒ 2. Concieve
 - ☐ 3. Accessible
 - ☐ 4. Separate

Q.18 Select the most appropriate **ANTONYM** of the given word.

Excessive

- Ans**
- ☒ 1. Moderate
 - ☐ 2. Flow
 - ☐ 3. Inordinate
 - ☐ 4. Desirable

Q.19 Rectify the sentence by selecting the correct spelling of the underlined word from the options.
He was startled by the loud thander during the storm.

- Ans**
- ☐ 1. thondar
 - ☐ 2. thundre
 - ☒ 3. thunder
 - ☐ 4. thundar

Q.20 Select the option that has used the correct tense.

- Ans**
- ☒ 1. Yesterday, we were painting the door when a neighbour stopped by to say hello.
 - ☐ 2. Yesterday, we was painting the door when a neighbour stopping by to say hello.
 - ☐ 3. Yesterday, we will be painting the door when a neighbour stops by to say hello.
 - ☐ 4. Yesterday, we are painting the door when a neighbour stop by to say hello.

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was just before noon on June 26, 1975, and my friend and I were out exploring the bustling by-lanes of Delhi's Karol Bagh, unaware that the Emergency had been declared, and that it would change our lives in ways we could have never ____1____. Though Indira Gandhi had herself announced the Emergency in a national broadcast at 8 am, IST, the news took its own time to reach the common people who went about their business as always. However, two hours into our outing, we ____2____ something was wrong. The pavement shops began to thin out as we watched and the bigger outlets too looked ready to ____3____; many of them worked behind half-downed shutters. We were young but fancied ourselves as political animals, which at the time was shorthand for being passionately anti-Congress and anti-Indira. There was no way we were going to head home without knowing what had happened. There was already considerable excitement in our small friends' circle over two ____4____ developments: the June 12, 1975 Allahabad high court ruling unseating Indira for electoral malpractices and the Congress's unexpected defeat in the State election in Gujarat. The Supreme Court had allowed Indira to continue as prime minister but that did not ____5____ our joy; it was a technical reprieve that did not lessen the political blow she had received.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. targeted
 - ☒ 2. imagined
 - ☐ 3. undermined
 - ☐ 4. betrothed

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was just before noon on June 26, 1975, and my friend and I were out exploring the bustling by-lanes of Delhi's Karol Bagh, unaware that the Emergency had been declared, and that it would change our lives in ways we could have never ____1____. Though Indira Gandhi had herself announced the Emergency in a national broadcast at 8 am, IST, the news took its own time to reach the common people who went about their business as always. However, two hours into our outing, we ____2____ something was wrong. The pavement shops began to thin out as we watched and the bigger outlets too looked ready to ____3____; many of them worked behind half-downed shutters. We were young but fancied ourselves as political animals, which at the time was shorthand for being passionately anti-Congress and anti-Indira. There was no way we were going to head home without knowing what had happened. There was already considerable excitement in our small friends' circle over two ____4____ developments: the June 12, 1975 Allahabad high court ruling unseating Indira for electoral malpractices and the Congress's unexpected defeat in the State election in Gujarat. The Supreme Court had allowed Indira to continue as prime minister but that did not ____5____ our joy; it was a technical reprieve that did not lessen the political blow she had received.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. sensed
 - ☐ 2. feigned
 - ☐ 3. created
 - ☐ 4. received

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was just before noon on June 26, 1975, and my friend and I were out exploring the bustling by-lanes of Delhi's Karol Bagh, unaware that the Emergency had been declared, and that it would change our lives in ways we could have never ____1____. Though Indira Gandhi had herself announced the Emergency in a national broadcast at 8 am, IST, the news took its own time to reach the common people who went about their business as always. However, two hours into our outing, we ____2____ something was wrong. The pavement shops began to thin out as we watched and the bigger outlets too looked ready to ____3____; many of them worked behind half-downed shutters. We were young but fancied ourselves as political animals, which at the time was shorthand for being passionately anti-Congress and anti-Indira. There was no way we were going to head home without knowing what had happened. There was already considerable excitement in our small friends' circle over two ____4____ developments: the June 12, 1975 Allahabad high court ruling unseating Indira for electoral malpractices and the Congress's unexpected defeat in the State election in Gujarat. The Supreme Court had allowed Indira to continue as prime minister but that did not ____5____ our joy; it was a technical reprieve that did not lessen the political blow she had received.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. wrap up
 - ☐ 2. chicken out
 - ☐ 3. pop up
 - ☐ 4. open up

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was just before noon on June 26, 1975, and my friend and I were out exploring the bustling by-lanes of Delhi's Karol Bagh, unaware that the Emergency had been declared, and that it would change our lives in ways we could have never ____1____. Though Indira Gandhi had herself announced the Emergency in a national broadcast at 8 am, IST, the news took its own time to reach the common people who went about their business as always. However, two hours into our outing, we ____2____ something was wrong. The pavement shops began to thin out as we watched and the bigger outlets too looked ready to ____3____; many of them worked behind half-downed shutters. We were young but fancied ourselves as political animals, which at the time was shorthand for being passionately anti-Congress and anti-Indira. There was no way we were going to head home without knowing what had happened. There was already considerable excitement in our small friends' circle over two ____4____ developments: the June 12, 1975 Allahabad high court ruling unseating Indira for electoral malpractices and the Congress's unexpected defeat in the State election in Gujarat. The Supreme Court had allowed Indira to continue as prime minister but that did not ____5____ our joy; it was a technical reprieve that did not lessen the political blow she had received.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. flaws
 - ☒ 2. landmark
 - ☒ 3. mistakes
 - ☒ 4. production

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was just before noon on June 26, 1975, and my friend and I were out exploring the bustling by-lanes of Delhi's Karol Bagh, unaware that the Emergency had been declared, and that it would change our lives in ways we could have never ____1____. Though Indira Gandhi had herself announced the Emergency in a national broadcast at 8 am, IST, the news took its own time to reach the common people who went about their business as always. However, two hours into our outing, we ____2____ something was wrong. The pavement shops began to thin out as we watched and the bigger outlets too looked ready to ____3____; many of them worked behind half-downed shutters. We were young but fancied ourselves as political animals, which at the time was shorthand for being passionately anti-Congress and anti-Indira. There was no way we were going to head home without knowing what had happened. There was already considerable excitement in our small friends' circle over two ____4____ developments: the June 12, 1975 Allahabad high court ruling unseating Indira for electoral malpractices and the Congress's unexpected defeat in the State election in Gujarat. The Supreme Court had allowed Indira to continue as prime minister but that did not ____5____ our joy; it was a technical reprieve that did not lessen the political blow she had received.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. diminished
 - ☒ 2. dampen
 - ☒ 3. adopted
 - ☒ 4. magnified

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	16/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 A dishonest shopkeeper promises to sell his goods at cost price. However, he uses a weight that actually weighs 11% less than what is written on it. Find his profit percentage.

- Ans
- ☐ 1. $11\frac{32}{89}\%$
 - ☐ 2. $14\frac{64}{89}\%$
 - ☐ 3. $13\frac{33}{89}\%$
 - ☒ 4. $12\frac{32}{89}\%$

Q.2 24 boys and a certain number of girls appeared for an exam. The average score of the boys was 42 and the average score of the girls was 34, while the combined average score was 38. How many girls appeared for the exam?

- Ans
- ☐ 1. 30
 - ☐ 2. 28
 - ☒ 3. 24
 - ☐ 4. 26

Q.3 In a jeep driving at a speed of 9 m/s, a thief is fleeing on a straight road. He is being pursued by a police officer riding a motorbike at a speed of 10 m/s. How long would it take a police officer to apprehend the burglar if there is a 100 m instantaneous distance between the vehicle and the motorbike?

- Ans
- ☒ 1. 100 s
 - ☐ 2. 95 s
 - ☐ 3. 98 s
 - ☐ 4. 102 s

Q.4 What should be subtracted from 30, 56, 40 and 76 so that the remaining numbers may be proportional?

- Ans
- ☒ 1. 4
 - ☐ 2. 6
 - ☐ 3. 8
 - ☐ 4. 10

Q.5 In an examination, there are four subjects of 100 marks each. A student scores 78% in the first subject, 75% in the second subject and 90% in the third subject. She scored 85% in aggregate. Her percentage of marks in the fourth subject is:

- Ans
- ☒ 1. 97%
 - ☐ 2. 95%
 - ☐ 3. 87%
 - ☐ 4. 81%

Q.6 Find the least number which when divided by 20,25,35 and 40 leaves remainders 14,19,29 and 34, respectively.

- Ans
- ☐ 1. 1384
 - ☐ 2. 1294
 - ☐ 3. 1284
 - ☒ 4. 1394

Q.7 An item is listed for ₹450 with 15% trade discount. Find the amount of trade discount.

- Ans
- ☐ 1. ₹517.50
 - ☒ 2. ₹67.50
 - ☐ 3. ₹52.50
 - ☐ 4. ₹382.50

Q.8 A solid cylinder has a total surface area of 352 cm^2 . Its curved surface area is one-eighth of the total surface area. The radius (in cm) of the cylinder is:
[Use $\pi = 22/7$]

- Ans
- ☐ 1. 9
 - ☐ 2. 11
 - ☒ 3. 7
 - ☐ 4. 8

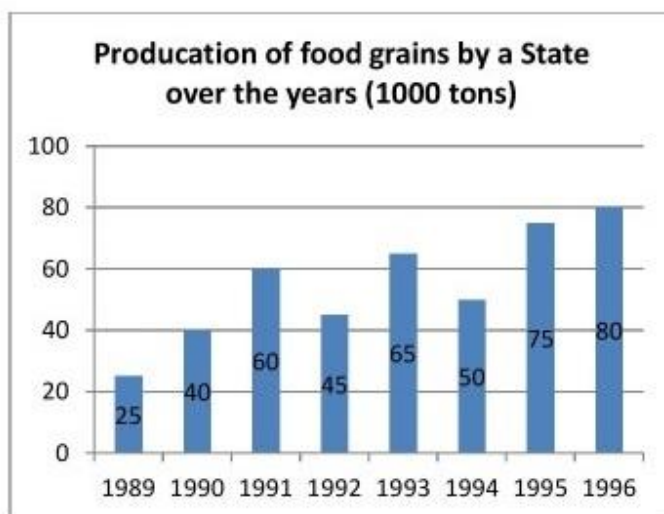
Q.9 A train travels at a speed of 120 km/h. How many metres will it travel in 60 minutes?

- Ans
- ☐ 1. 140000
 - ☒ 2. 120000
 - ☐ 3. 145000
 - ☐ 4. 135000

Q.10 The average of 17 results is 62. The average of the first eighth is 48 and that of the last eighth is 84, the ninth result is:

- Ans
- ☐ 1. 2
 - ☐ 2. 2.5
 - ☐ 3. -1.5
 - ☒ 4. -2

Q.11 Study the given bar graph carefully and answer the following question.



What was the percentage (in%) drop in the production of food grains from 1991 to 1992?

- Ans
- ☐ 1. 30
 - ☐ 2. 15
 - ☒ 3. 25
 - ☐ 4. 20

Q.12 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 4% per year rate of interest for 2 years.

- Ans
- ☐ 1. 200
 - ☐ 2. 180
 - ☐ 3. 280
 - ☒ 4. 240

Q.13 If the height of a triangle is increased by 20% and the base is increased by 12%. What is the new area (in cm^2) if the old area of the triangle was 200 cm^2 ?

- Ans
- ☐ 1. 254.4
 - ☐ 2. 216.7
 - ☐ 3. 234.4
 - ☒ 4. 268.8

Q.14 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 4% per year rate of interest for 6 years.

- Ans
- ☐ 1. 760
 - ☐ 2. 680
 - ☐ 3. 660
 - ☒ 4. 720

Q.15 Lokesh received an amount of ₹10,500 in 5 years, including simple interest, on a principal amount of ₹7,500. What would be the total amount he receives if the interest rate is increased by 4%?

- Ans
- ☒ 1. ₹12,000
 - ☐ 2. ₹12,595
 - ☐ 3. ₹12,550
 - ☐ 4. ₹11,500

Q.16 The base area of a cone is 7546 cm^2 and the area of the curved surface is 7854 cm^2 .
The height (in cm) of the cone is: (Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 22
 - ☒ 2. $10\sqrt{2}$
 - ☐ 3. $10\sqrt{5}$
 - ☐ 4. 7

Q.17 The cost price of 12 bananas is equal to the sale price of 10 bananas. What is the percentage of profit?

- Ans
- ☐ 1. 24%
 - ☐ 2. 16%
 - ☒ 3. 20%
 - ☐ 4. 12%

Q.18 The management batch of a college has two sections, A and B. Section A has 22 students and their average marks are 75, whereas section B has 30 students and their average marks are 60. What are the average marks of the whole batch? (Round off to two decimal places)

- Ans
- ☐ 1. 59.34
 - ☐ 2. 58
 - ☐ 3. 65.23
 - ☒ 4. 66.35

Q.19 Rajneesh drove his car at a speed of 99 km/h for 2 hours and then he took a rest for one hour. Then, he further drove for 3 hours at a speed of 60 km/h. What was Rajneesh's average speed (in km/h) during his entire journey?

- Ans**
- ☒ 1. 63
 - ☐ 2. 67
 - ☐ 3. 69
 - ☐ 4. 65

Q.20 Study the given table and answer the question that follows.

The given table shows the number of voters at 4 different centres W, X, Y and Z.

Centre	Total number of registered voters	Percentage of people who voted (Out of the total number of registered voters)
W	10,260	67
X	15,320	70
Y	11,450	56
Z	13,394	75

What percentage of the total number of registered voters at centre X cast invalid votes, if the number of invalid votes cast at centre X was 25% of the number of votes cast?

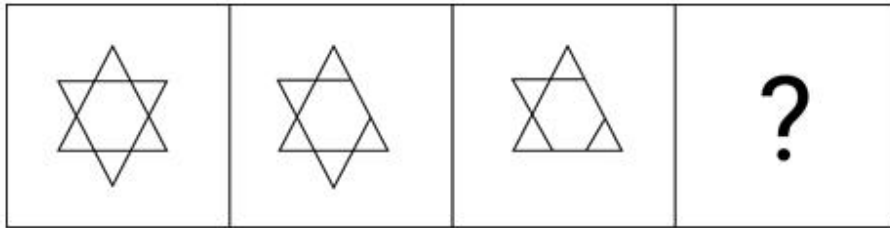
- Ans**
- ☐ 1. 18.2%
 - ☒ 2. 17.5%
 - ☐ 3. 20.3%
 - ☐ 4. 24.5%

Section : **Reasoning Ability and Problem Solving**

Q.1 In a certain code language, 'WILD' is coded as '3197' and 'LOVE' is coded as '2346'. What is the code for 'L' in that language?

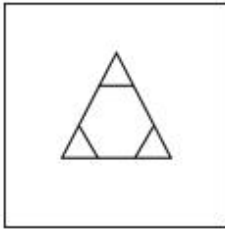
- Ans**
- ☐ 1. 2
 - ☐ 2. 9
 - ☐ 3. 6
 - ☒ 4. 3

Q.2 Identify the figure given in the options which when put in place of (?) will logically complete the series.



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Q.3 394 is related to 242 following a certain logic. Following the same logic, 461 is related to 309. To which of the following is 428 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans
- ✗ 1. 282
 - ✓ 2. 276
 - ✗ 3. 257
 - ✗ 4. 261

Q.4 P, Q, R, S, T, U और V एक वृत्ताकार मेज के चारों ओर केंद्र की ओर मुख करके बैठे हैं (परंतु जरूरी नहीं कि वे इसी क्रम में बैठे हों)। T, V के ठीक दाएँ बैठा है। S, Q के दाईं ओर दूसरे स्थान पर बैठा है। U, V और S दोनों का निकटतम पड़ोसी है। P, U के बाएँ से दूसरे स्थान पर बैठा है। R के ठीक बाएँ कौन बैठा है?

- Ans
- ✗ 1. Q
 - ✓ 2. T
 - ✗ 3. S
 - ✗ 4. P

Q.5 HP21 is related to XF34 in a certain way. In the same way, KS72 is related to AI85. To which of the following is NV39 related, following the same logic?

- Ans**
- ☐ 1. LD55
 - ☐ 2. DL55
 - ☐ 3. LD52
 - ☒ 4. DL52

Q.6 In a certain code language, 'JARS' is coded as '3175' and 'SIDE' is coded as '4832'. What is the code for 'S' in the given code language?

- Ans**
- ☐ 1. 5
 - ☐ 2. 4
 - ☒ 3. 3
 - ☐ 4. 8

Q.7 LIFE is related to NKHG in a certain way based on the English alphabetical order. In the same way, SLOPE is related to UNQRG. To which of the following is DUAL related, following the same logic?

- Ans**
- ☐ 1. FWDN
 - ☒ 2. FWCN
 - ☐ 3. FXCN
 - ☐ 4. FXDN

Q.8 निम्नलिखित समीकरण में प्रश्न चिह्न (?) के स्थान पर क्या आएगा, यदि '-' और '+' को आपस में बदल दिया जाए तथा '÷' और 'x' को आपस में बदल दिया जाए?

$$13 \div 4 + 16 \times 2 - 21 = ?$$

- Ans**
- ☐ 1. 59
 - ☒ 2. 65
 - ☐ 3. 61
 - ☐ 4. 42

Q.9 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
No chair is a recliner.
No recliner is a sofa.
No recliner is a mat.

Conclusions:
(I) No chair is a sofa.
(II) Some mats are sofa.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows.
 - ☐ 2. Only conclusion (II) follows.
 - ☐ 3. Only conclusion (I) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.10 What should come in place of the question mark (?) in the given series?

3 16 66 201 406 ?

- Ans**
- ☒ 1. 411
 - ☐ 2. 409
 - ☐ 3. 412
 - ☐ 4. 410

Q.11 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

BFL, HLR, NRX, TXD, ?

- Ans**
- ☐ 1. DZJ
 - ☐ 2. ZJD
 - ☒ 3. ZDJ
 - ☐ 4. JDZ

Q.12 In a certain code language, 'POT' is coded as '15-14-19' and 'SPLIT' is coded as '18-15-11-8-19'. What is the code for 'PERFORM' in the given code language?

- Ans**
- ☐ 1. 15-4-17-5-15-17-12
 - ☐ 2. 15-4-17-5-14-17-13
 - ☒ 3. 15-4-17-5-14-17-12
 - ☐ 4. 15-4-17-6-14-17-12

Q.13 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $60 \times 12 - 6 \div 4 + 15 = ?$

- Ans**
- ☒ 1. 14
 - ☐ 2. 11
 - ☐ 3. 12
 - ☐ 4. 13

Q.14 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). C is sitting second to the left of A. Only one person is sitting between B and C when counted from right of B. E is sitting third to the right of F. D is sitting to the immediate left of E. The position of how many persons excluding A will remain unchanged if all the persons are arranged in the English alphabetical order in clockwise direction, starting from A, keeping the position of A unchanged?

- Ans**
- ☐ 1. Three
 - ☐ 2. Two
 - ☒ 3. One
 - ☐ 4. None

Q.15 In a certain code language, 'bring cold water' is coded as 'qh pw ut' and 'water is pure' is coded as 'mk zv qh'. How is 'water' coded in the given language?

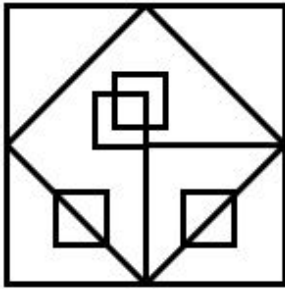
- Ans**
- ☐ 1. ut
 - ☐ 2. pw
 - ☐ 3. zv
 - ☒ 4. qh

Q.16 Select the option in which the given figure is embedded (rotation is NOT allowed).

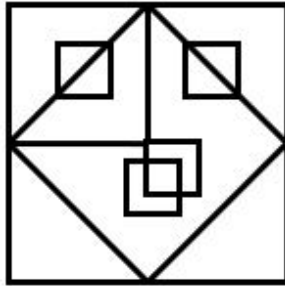


Ans

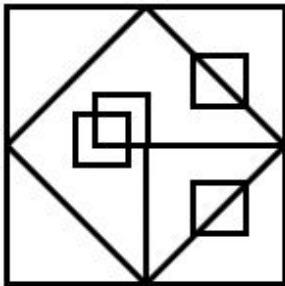
✗ 1.



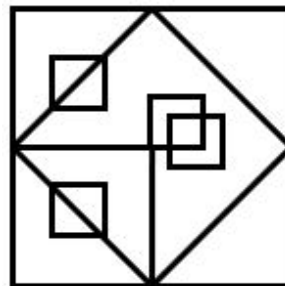
✗ 2.



✗ 3.



✓ 4.



Q.17 13 is related to 104 following a certain logic. Following the same logic, 17 is related to 136. To which of the following is 23 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

✗ 1. 138

✓ 2. 184

✗ 3. 207

✗ 4. 92

Q.18 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

P A S T E L	S E P L A T	E P L A T D	L T E D P A	?

Ans

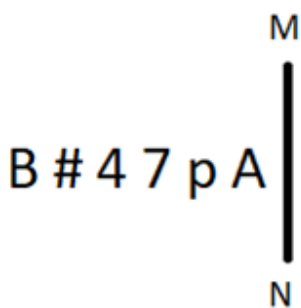
✓ 1. T E D P A Z

✗ 2. Z L T E D P

✗ 3. T E D P A L

✗ 4. A L T E D Z

Q.19 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

✗ 1. A p 7 4 # B

✓ 2. A q 7 4 # B

✗ 3. A q 7 4 # B

✗ 4. A q 4 7 # B

Q.20 This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Some hoops are cows.

All cows are bulls.

Conclusions:

(I) Some bulls are hoops.

(II) Some hoops are bulls.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows
 - ☒ 2. Both conclusions (I) and (II) follow
 - ☒ 3. Only conclusion (I) follows
 - ☒ 4. Only conclusion (II) follows

Section : **General Awareness**

Q.1 According to Koeppen's Scheme of climatic regions of India, in which of the following states is the 'BW' and 'BS' type climate found?

- Ans**
- ☒ 1. Rajasthan
 - ☒ 2. Maharashtra
 - ☒ 3. Andhra Pradesh
 - ☒ 4. Bihar

Q.2 Which of the following is the headquarter of East Central Railway?

- Ans**
- ☒ 1. Kolkata
 - ☒ 2. Guwahati
 - ☒ 3. Hajipur
 - ☒ 4. Kanpur

Q.3 Which of the following is NOT a religious festival?

- Ans**
- ☒ 1. Good Friday
 - ☒ 2. Gandhi Jayanti
 - ☒ 3. Guru Purab
 - ☒ 4. Muharram

Q.4 Muscle cells and muscle fibres are developed from embryonic precursor cells known as:

- Ans**
- ☒ 1. myoblasts
 - ☒ 2. myocyte
 - ☒ 3. myofibril
 - ☒ 4. myonuclei

Q.5 Dhamma is the _____ word for the Sanskrit word 'Dharma'.

- Ans**
- ☒ 1. Pali
 - ☒ 2. Abahatta
 - ☒ 3. Tamil
 - ☒ 4. Prakrit

Q.6 The Integrated Goods and Services Tax (Amendment) Bill, 2023 was introduced in Lok Sabha on 11 August 2023, which amends the _____.

- Ans**
- ☒ 1. Integrated Goods and Services Tax (IGST) Act, 2016
 - ☒ 2. Integrated Goods and Services Tax (IGST) Act, 2017
 - ☒ 3. Integrated Goods and Services Tax (IGST) Act, 2014
 - ☒ 4. Integrated Goods and Services Tax (IGST) Act, 2015

Q.7 Which of the following was NOT found in the Harappan excavation sites?

- Ans**
- ☐ 1. Public bath
 - ☐ 2. Dwelling houses
 - ☒ 3. Public hospital
 - ☐ 4. Public buildings

Q.8 Which of the following temples is NOT an example of Nagara style of architecture?

- Ans**
- ☐ 1. Sun temple, Konark
 - ☐ 2. Lingaraja temple, Bhubaneswar
 - ☐ 3. Kandariya temple, Madhya Pradesh
 - ☒ 4. Kailasha temple, Kanchipuram

Q.9 From which of the following countries has the Indian Constitution borrowed the procedure of making amendments in the Constitution?

- Ans**
- ☒ 1. South Africa
 - ☐ 2. Australia
 - ☐ 3. Ireland
 - ☐ 4. Russia

Q.10 The Constitution of India has borrowed many provisions from different countries as well as from the Government of India Act of _____.

- Ans**
- ☐ 1. 1949
 - ☒ 2. 1935
 - ☐ 3. 1942
 - ☐ 4. 1919

Q.11 VP Dhananjayan and Shanta Dhananjayan were honoured with Rukminidevi Memorial Award in 2009 for which of the following Indian classical dance forms?

- Ans**
- ☐ 1. Sattriya
 - ☐ 2. Mohiniyattam
 - ☐ 3. Odissi
 - ☒ 4. Bharatanatyam

Q.12 According to the Census of India 2001, how much percentage of the immigrant population was from Sri Lanka?

- Ans**
- ☐ 1. 8.1%
 - ☐ 2. 1.6%
 - ☒ 3. 2.9%
 - ☐ 4. 7.1%

Q.13 Which of the following are the major objectives of governments engaged in the budgetary process in India?
Stabilising the level of aggregate demand in the economy
Redistributing incomes of people as per constitutional principles
Floating schemes to appeal to citizens in a democratic way on a regular basis
Allocating funds to various economic activities

- Ans**
- ☒ 1. Only a and b
 - ☐ 2. Only a, b and d
 - ☐ 3. Only a, b and c
 - ☐ 4. All a, b, c and d

Q.14 Lachhu Maharaj has been associated with which dance form?

- Ans**
- ☐ 1. Odissi
 - ☐ 2. Bharatanatyam
 - ☒ 3. Kathak
 - ☐ 4. Manipuri

Q.15 Which raga was composed by music emperor Mian Tansen to bring rain?

- Ans**
- ☐ 1. Sharvari Tarang
 - ☐ 2. Mayurapriya
 - ☐ 3. Megh Pushpa
 - ☒ 4. Megh Malhar

Q.16 The Shuddhi Movement to reconvert to the Hindu fold the converts to other religions, was started by which of the following organisations?

- Ans**
- ☐ 1. Dharma Sabha
 - ☐ 2. Satyashodhak Samaj
 - ☒ 3. Arya Samaj
 - ☐ 4. Brahmo Samaj

Q.17 Who is the author of 'Temple Tales: Secrets & Stories of India's Sacred Places'?

- Ans**
- ☒ 1. Sudha G Tilak
 - ☐ 2. Malathi Ramachandran
 - ☐ 3. Shashi Tharoor
 - ☐ 4. Mulk Raj Anand

Q.18 Squash player Anahat Singh belongs to which city in India?

- Ans**
- ☒ 1. Delhi
 - ☐ 2. Mumbai
 - ☐ 3. Bengaluru
 - ☐ 4. Haryana

Q.19 In September 2023, at the BRICS Innovation Forum in Moscow, who among the following, who is a Chief Innovation Officer from Telangana, received the World Innovation Award?

- Ans**
- ☐ 1. Kalvakuntla Chandrashekar Rao
 - ☒ 2. Shanta Thoutam
 - ☐ 3. KT Rama Rao
 - ☐ 4. T Harish Kumar

Q.20 The structure of methanol is CH₃OH. This kind of representation is known as _____.

- Ans**
- ☐ 1. wedge-and-dash representation
 - ☐ 2. complete structural formula
 - ☒ 3. condensed structural formula
 - ☐ 4. bond-line structural representation

Q.21 Who among the following is the author of the book named 'Streepurushtulna'?

- Ans**
- ☐ 1. Sarojini Naidu
 - ☒ 2. Tarabai Shinde
 - ☐ 3. Rashesundari Devi
 - ☐ 4. Pandit Ramabai

Q.22 Which of the following is considered unicellular green algae?

- Ans**
- ☐ 1. Chlorophyta
 - ☒ 2. Chlamydomonas
 - ☐ 3. Oedogonium
 - ☐ 4. Cladophora

Q.23 Which of the following pollutants is responsible for the acidification of ocean?

- Ans**
- ☐ 1. Carbon monoxide (CO)
 - ☐ 2. Sulphur dioxide (SO₂)
 - ☐ 3. Nitrogen Dioxide (NO₂)
 - ☒ 4. Carbon dioxide (CO₂)

Q.24 Which of the following Union Territories has the lowest population as per the Census of India 2011?

- Ans**
- ☐ 1. Daman and Diu
 - ☐ 2. Delhi
 - ☒ 3. Lakshdweep
 - ☐ 4. Andaman and Nicobar

Q.25 To which state does Indian shooter Abhinav Bindra belong?

- Ans**
- ☒ 1. Uttarakhand
 - ☐ 2. Punjab
 - ☐ 3. Rajasthan
 - ☐ 4. Madhya Pradesh

Section : **English Language and Comprehension**

Q.1 Parts of the following sentence have been given as options. Select the option that contains an error.

Please bring two bananas and the piece of cake from the market.

- Ans**
- ☐ 1. two bananas
 - ☐ 2. from the market
 - ☒ 3. and the piece of cake
 - ☐ 4. Please bring

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Rahul speaks fluently English / although he makes / quite a lot of mistakes /while writing.

- Ans**
- ☐ 1. although he makes
 - ☐ 2. quite a lot of mistakes
 - ☒ 3. Rahul speaks fluently English
 - ☐ 4. while writing

Q.3 Select the most appropriate ANTONYM of the underlined word.
The meteorological department predicted heavy rain over the coming days.

- Ans**
- ☐ 1. Plentiful
 - ☒ 2. Light
 - ☐ 3. Rare
 - ☐ 4. Drizzly

Q.4 Select the most appropriate synonym of the given word.

Proficient

- Ans**
- ☐ 1. Recalcitrant
 - ☐ 2. Callous
 - ☐ 3. Glamorous
 - ☒ 4. Accomplished

Q.5 Select the most appropriate ANTONYM of the underlined word in the given sentence.

As the orchestra played, the audience was mesmerised by the beautiful melodies.

- Ans**
- ☐ 1. dirty
 - ☐ 2. turbid
 - ☒ 3. abstracted
 - ☐ 4. alienated

Q.6 Select the correctly spelt word to fill in the blank and make the sentence meaningful.
Sheetal has been studying engineering for five years, _____ countless hours to her coursework.

- Ans**
- ☒ 1. dedicating
 - ☐ 2. deddicating
 - ☐ 3. daidicating
 - ☐ 4. dedecating

Q.7 Select the most appropriate option to fill in the blank.

If you don't have a lump sum to _____ in a fixed deposit, you can surely opt for a long-term recurring deposit.

- Ans**
- ☐ 1. draw
 - ☐ 2. gather
 - ☐ 3. publish
 - ☒ 4. invest

Q.8 Identify the sentence with the adverbial error.

- Ans**
- 1. She ran the marathon fast incredibly.
 - 2. She ran the incredibly marathon fast.
 - 3. She ran incredibly the marathon fast.
 - 4. She ran the marathon incredibly fast.

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Q.9 Select the INCORRECTLY spelt word in the following sentence.
His performance in the play was outstanding.

- Ans**
- ☐ 1. play
 - ☐ 2. outstanding
 - ☐ 3. His
 - ☒ 4. performace

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
We / enjoyed lunch / he gave / us.

- Ans**
- ☐ 1. he gave
 - ☐ 2. We
 - ☒ 3. enjoyed lunch
 - ☐ 4. us

Q.11 Select the most appropriate synonym of the given word.
Fatigued

- Ans**
- ☐ 1. Famous
 - ☐ 2. Tricky
 - ☒ 3. Tired
 - ☐ 4. Furious

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

Exactly the same words as were used originally.

- Ans**
- ☒ 1. Verbatim
 - ☐ 2. Precise
 - ☐ 3. Ornate
 - ☐ 4. Factual

Q.13 Select the most appropriate meaning of the underlined idiom.

Despite their differences, the counties found common ground and buried the hatchet.

- Ans**
- ☒ 1. To settle a dispute peacefully
 - ☐ 2. To seek revenge in the future
 - ☐ 3. To disagree publicly
 - ☐ 4. To continue a conflict

Q.14 Select the appropriate option that can substitute the underlined word in the following sentence to make it grammatically correct.

Only the beautiful painting is to be displayed in the exhibition.

- Ans**
- ☐ 1. more beautiful
 - ☒ 2. the most beautiful
 - ☐ 3. beautiful
 - ☐ 4. the much beautiful

Q.15 Select the most appropriate meaning of the given idiom.
Green thumb

- Ans**
- ☐ 1. Preparing for war
 - ☐ 2. To visit the vegetable market
 - ☒ 3. Being good at growing plants
 - ☐ 4. Indulging in corruption

Q.16 Select the option that can be used as a one-word substitute for the given group of words.

A person or entity that is unable to pay debts.

- Ans**
- ☒ 1. Insolvent
 - ☐ 2. Busted
 - ☐ 3. Recluse
 - ☐ 4. Insurgent

Q.17 Select the most appropriate option to fill in the blanks.
His dog did not _____ when thieves were slashing the _____ of his precious tree.

- Ans**
- ☐ 1. stem
 - ☒ 2. bark
 - ☐ 3. claw
 - ☐ 4. shout

Q.18 Select the most appropriate option to fill in the blank.

He couldn't attend the meeting _____ he was sick.

- Ans**
- ☐ 1. but
 - ☒ 2. because
 - ☐ 3. although
 - ☐ 4. so

Q.19 Select the option that rectifies the underlined spelling error.

The impacts of climate change on different sectors of society are interelated.

- Ans**
- ☐ 1. interreleted
 - ☐ 2. enterrelated
 - ☐ 3. interrilated
 - ☒ 4. interrelated

Q.20 Select the sentence that has a grammatical error.

- Ans**
-  1. A young boy offered her his seat.
 -  2. I have a lot of work to complete.
 -  3. This is a very difficult task to accomplish.
 -  4. I wish I had eraser to erase all the mistakes in my life.

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sniffer dog Tucker uses (1)_____ nose to help researchers find out why a killer whale population off the northwest coast of the United States is (2)_____ the decline. He searches for whale faeces floating on the surface of the water, which are then collected for examination. He is one of the elite team members of detection dogs used by scientists studying a (3)_____ of species including right whales and killer whales.

Conservation canines are fast becoming indispensable tools for biologists according to Aimee Hurt, associate director and co-founder of Working Dogs for Conservation, (4)_____ in Three Forks, Montana.

Over the last few years, though, so many new conservation dog projects have sprung up that Hurt can no (5)_____ keep track of them all. Her organisation's dogs and their handlers are fully booked to assist field researchers into 2012.

SubQuestion No : 21

Q.21 Choose the most appropriate option to fill in blank no. 1.

- Ans**
-  1. him
 -  2. her
 -  3. its
 -  4. his

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sniffer dog Tucker uses (1)_____ nose to help researchers find out why a killer whale population off the northwest coast of the United States is (2)_____ the decline. He searches for whale faeces floating on the surface of the water, which are then collected for examination. He is one of the elite team members of detection dogs used by scientists studying a (3)_____ of species including right whales and killer whales.

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SubQuestion No : 22

Q.22 Choose the most appropriate option to fill in blank no. 2.

- Ans**
-  1. after
 -  2. at
 -  3. off
 -  4. on

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sniffer dog Tucker uses (1)_____ nose to help researchers find out why a killer whale population off the northwest coast of the United States is (2)_____ the decline. He searches for whale faeces floating on the surface of the water, which are then collected for examination. He is one of the elite team members of detection dogs used by scientists studying a (3)_____ of species including right whales and killer whales.

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SubQuestion No : 23

Q.23 Choose the most appropriate option to fill in blank no. 3.

- Ans**
-  1. division
 -  2. cadre
 -  3. number
 -  4. cacophony

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sniffer dog Tucker uses (1)_____ nose to help researchers find out why a killer whale population off the northwest coast of the United States is (2)_____ the decline. He searches for whale faeces floating on the surface of the water, which are then collected for examination. He is one of the elite team members of detection dogs used by scientists studying a (3)_____ of species including right whales and killer whales.

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Over the last few years, though, so many new conservation dog projects have sprung up that Hurt can no (5)_____ keep track of them all. Her organisation's dogs and their handlers are fully booked to assist field researchers into 2012.

SubQuestion No : 24

Q.24 Choose the most appropriate option to fill in blank no. 4.

- Ans**
-  1. surviving
 -  2. based
 -  3. living
 -  4. rested

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Sniffer dog Tucker uses (1)_____ nose to help researchers find out why a killer whale population off the northwest coast of the United States is (2)_____ the decline. He searches for whale faeces floating on the surface of the water, which are then collected for examination. He is one of the elite team members of detection dogs used by scientists studying a (3)_____ of species including right whales and killer whales.

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SubQuestion No : 25

Q.25 Choose the most appropriate option to fill in blank no. 5.

- Ans**
-  1. shorter
 -  2. moreover
 -  3. lesser
 -  4. longer

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	17/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 72 kg and 37 kg is:

- Ans
- ☐ 1. 51.8
 - ☐ 2. 49.8
 - ☒ 3. 50.8
 - ☐ 4. 52.8

Q.2 A policeman saw a thief at a distance of 800m. When the policeman started chasing the thief, the thief started running. If the ratio of the speeds of the policeman to the thief is 3:2, then the distance travelled by the policeman to catch the thief is

- Ans
- ☐ 1. 3.2 km
 - ☐ 2. 1.6 km
 - ☒ 3. 2.4 km
 - ☐ 4. 2 km

Q.3 Simplify the following.
 $7(20 + 48 \div 8 \times 5 - 6 \times 3)$

- Ans
- ☐ 1. $\frac{1780}{11}$
 - ☐ 2. $\frac{1708}{11}$
 - ☐ 3. 161
 - ☒ 4. 224

Q.4 A cone of radius 16 cm and height 12 cm is cut, parallel to the base, at some height closer to the top. If the ratio of the heights of the solids is 1:3, then the ratio of the total surface areas of the two solids formed is approximately given by:

- Ans
- ☐ 1. 7 : 180
 - ☐ 2. 2 : 15
 - ☒ 3. 9 : 143
 - ☐ 4. 1 : 8

Q.5 A shopkeeper offers two schemes, the first being a single discount of 30%, and the second being two successive discounts of 25% and 5%. What is the difference (in ₹) in the discounts of both the schemes if the customer did the shopping of ₹5,000 each in both the schemes?

- Ans
- ☐ 1. 65
 - ☐ 2. 70
 - ☒ 3. 62.50
 - ☐ 4. 67.50

Q.6 By selling an article for ₹20, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 45%?

- Ans
- ☒ 1. 6.36
 - ☐ 2. 8.36
 - ☐ 3. 9.36
 - ☐ 4. 7.36

Q.7 The ratio of prices of coffee and tea is 5 : 7 and the ratio of their quantities consumed by a family is 7 : 9. Find the ratio of expenditures on coffee and tea.

- Ans**
- ☐ 1. 9 : 5
 - ☐ 2. 7 : 9
 - ☐ 3. 7 : 5
 - ☒ 4. 5 : 9

Q.8 Three candidates contested an election and received 1234, 8448 and 20180 votes, respectively. What percentage of the total votes did the winning candidate get? (Rounded off to 2 decimal places)

- Ans**
- ☒ 1. 67.58%
 - ☐ 2. 58.25%
 - ☐ 3. 55.26%
 - ☐ 4. 48.25%

Q.9 A student's overall grade is determined by their scores in three subjects: Mathematics, English, and Science, with weights of 40%, 30%, and 30%, respectively. If the student scores 80, 90, and 75 in these subjects, respectively, the overall grade of the student is:

- Ans**
- ☐ 1. 81
 - ☐ 2. 82.5
 - ☐ 3. 82
 - ☒ 4. 81.5

Q.10 The length and the breadth of the floor of a rectangular hall are 98 feet and 70 feet, respectively. If all persons in the hall are allotted equal square spaces as workstations, what will be the area of the largest such workstation that can be allotted to any user, assuming no space in the hall is left unoccupied?

- Ans**
- ☐ 1. 144 sq. ft
 - ☐ 2. 256 sq. ft
 - ☐ 3. 100 sq. ft
 - ☒ 4. 196 sq. ft

Q.11 Pure ghee costs ₹100 per kg. After adulterating it with vegetable oil costing ₹50 per kg, a shopkeeper sells the mixture at the rate of ₹96 per kg, thereby making a profit of 20%. In what ratio does he mix the two?

- Ans**
- ☐ 1. 1 : 2
 - ☒ 2. 3 : 2
 - ☐ 3. 3 : 1
 - ☐ 4. 4 : 1

Q.12 A man's average driving speed for 9 hours is 88 km/hr. During the first five hours of his journey, he drove at 74 km/hr, and last two hours he drove at 82 km/hr. What was his average speed (in km/hr) for the sixth and the seventh hour?

- Ans**
- ☐ 1. 92
 - ☐ 2. 120
 - ☒ 3. 129
 - ☐ 4. 101

Q.13 The owner of a cell phone shop charges his customer 25% more than the cost price. If a customer paid ₹8,750 for the cell phone, then the cost price of the cell phone was:

- Ans**
- ☒ 1. ₹7,000
 - ☐ 2. ₹7,850
 - ☐ 3. ₹7,500
 - ☐ 4. ₹7,675

Q.14 A certain sum of money will be ₹10,800 in 5 years. If simple interest is two-third of the principal, then the rate of interest p.a. is equal to:

- Ans
- ☐ 1. $13\frac{2}{3}\%$
 - ☐ 2. $12\frac{2}{3}\%$
 - ☐ 3. $12\frac{1}{2}\%$
 - ☒ 4. $13\frac{1}{3}\%$

Q.15 A batsman scored the following runs in the last 5 innings. Find his score in the 4th innings if the average score is 43.
Innings Score (in runs)

1st - 92
2nd - 53
3rd - 35
4th - X
5th - 27

- Ans
- ☒ 1. 8
 - ☐ 2. 10
 - ☐ 3. 4
 - ☐ 4. 12

Q.16 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 6% per year rate of interest for 5 years.

- Ans
- ☐ 1. 640
 - ☐ 2. 560
 - ☐ 3. 540
 - ☒ 4. 600

Q.17 The ratio of the perpendicular height and the slant height of a right circular cone is given as 4 : 5 and the volume of the cone is given as $12,936 \text{ cm}^3$. Find the radius (in cm) of the base of the given cone. (Use $\pi = \frac{22}{7}$.)

- Ans
- ☐ 1. 28
 - ☐ 2. 24
 - ☐ 3. 35
 - ☒ 4. 21

Q.18 Which of the following options is equal to the radius of the new sphere, if three spheres of radii 5cm, 3cm and 4cm are melted into form a new sphere?

- Ans
- ☐ 1. 8cm
 - ☐ 2. 6.5cm
 - ☐ 3. 5cm
 - ☒ 4. 6cm

Q.19 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 8% per year rate of interest for 2 years.

- Ans
- ☐ 1. 340
 - ☐ 2. 440
 - ☐ 3. 360
 - ☒ 4. 400

- Q.20** The average weight of 20 boys is 60 kg. Together with 30 girls, the average weight of all boys and girls is 54 kg. What is the average weight of 30 girls in kg?
- Ans**  1. 55
 2. 54
 3. 52
 4. 50

Section : Reasoning Ability and Problem Solving

- Q.1** What should come in place of the question mark (?) in the given series?

115 117 123 125 131 ?

- Ans**  1. 134
 2. 135
 3. 132
 4. 133

- Q.2** ODGM is related to NBFK in a certain way based on the English alphabetical order. In the same way, TAYP is related to SYXN. To which of the following is RJFB related, following the same logic?

- Ans**  1. PFCC
 2. PGDD
 3. RHDC
 4. QHEZ

- Q.3** Which two numbers should be interchanged to make the given equation correct?
 $(24 \div 6) + (18 \times 4) - 54 + 42 = 99$
(Note: Interchange should be done of entire number and not individual digits of a given number)

- Ans**  1. 24 and 54
 2. 4 and 6
 3. 54 and 42
 4. 18 and 24

- Q.4** What should come in place of the question mark (?) in the given series?

35, 63, 91, 119, ?, 175

- Ans**  1. 149
 2. 137
 3. 147
 4. 127

- Q.5** Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(8, 64, 2)
(12, 12, 1)

- Ans**  1. (8, 722, 9)
 2. (10, 3426, 7)
 3. (6, 214, 6)
 4. (4, 256, 4)

Q.6 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: Some mangoes are yellow.

Some apples are mangoes.

Conclusions:

(I) No apple is yellow.

(II) Some apples are yellow.

Ans  1. Neither conclusion (I) nor (II) follows.

 2. Both conclusion (I) and (II) follow.

 3. Only Conclusion (I) follows.

 4. Only Conclusion (II) follows.

Q.7 What should come in place of the question mark (?) in the given series based on the English alphabetical order ?

BDG, HJM, NPS, TVY, ?

Ans  1. ACF

 2. ZBE

 3. XZC

 4. YAD

Q.8 In a certain language, 'INCH' is coded as '9631', and 'THIN' is coded as '3269'. What is the code for 'T' in 'THIN'?

Ans  1. 2

 2. 9

 3. 3

 4. 6

Q.9 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

284, 294

458, 468

Ans  1. 631, 612

 2. 765, 756

 3. 821, 831

 4. 556, 536

Q.10 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $5 + 3 - 10 \times 2 \div 2 = ?$

Ans  1. 15

 2. 13

 3. 12

 4. 17

Q.11 In a certain code language, 'TURF' is coded as '5691' and 'RAFT' is coded as '6935'. What is the code for 'A' in the given code language?

Ans  1. 6

 2. 3

 3. 5

 4. 9

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
All parrots are eagles.
Some parrots are ostriches.
Conclusions:
(I) Some eagles are parrots.
(II) Some eagles are ostriches.

- Ans**
- ☒ 1. Only conclusion I follows
 - ☒ 2. Neither conclusion I nor II follows
 - ☒ 3. Both conclusions I and II follow
 - ☒ 4. Only conclusion II follows

Q.13 In a certain code language, 'legs hands ears' is coded as 'du ph bq', 'hands eyes hearts' is coded as 'ak fd du', 'ears hearts arms' is coded as 'fd bq dy'. What is the code for 'eyes' in that language? (Note: All the codes are two-letter coded only.)

- Ans**
- ☒ 1. fd
 - ☒ 2. ak
 - ☒ 3. du
 - ☒ 4. ph

Q.14 A, B, C, D, E, F and G are sitting around a round table facing the centre (but not necessarily in the same order). C is sitting to the immediate left of A and immediate right of E. E is sitting to the immediate right of B. D is sitting to the immediate left of B and immediate right of F. A is sitting to the immediate left of G. Who is sitting to the immediate right of G?

- Ans**
- ☒ 1. A
 - ☒ 2. E
 - ☒ 3. D
 - ☒ 4. F

Q.15 NUQM is related to PWSO in a certain way based on the English alphabetical order. In the same way, JQMI is related to LSOK. To which of the following is QXTP related, following the same logic?

- Ans**
- ☒ 1. ZSVR
 - ☒ 2. SZVR
 - ☒ 3. ZSRV
 - ☒ 4. SZRV

Q.16 In a certain code language, 'SPIKE' is coded as '82467' and 'LIKES' is coded as '47298'. What is the code for 'P' in the given code language?

- Ans**
- ☒ 1. 8
 - ☒ 2. 4
 - ☒ 3. 2
 - ☒ 4. 6

Q.17 MOIL is related to TVPS in a certain way based on the English alphabetical order. In the same way, OQKN is related to VXRU. To which of the following is KMGJ related, following the same logic?

- Ans**
- ☒ 1. TRNQ
 - ☒ 2. RTNQ
 - ☒ 3. TRQN
 - ☒ 4. RTQN

Q.18 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). Only two people sit between E and F when counted from the right of E. Only two people sit between F and C. Only three people sit between E and B. D sits to the immediate left of A. How many people sit between A and G when counted from the left of A?

- Ans**
- ☒ 1. 1
 - ☒ 2. 3
 - ☒ 3. 2
 - ☒ 4. 4

Q.19 12 is related to 81 following a certain logic. Following the same logic, 24 is related to 153. To which of the following is 19 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
-  1. 129
 -  2. 123
 -  3. 131
 -  4. 125

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some ants are flies.

All flies are bees.

Conclusions:

(I): No ant is a bee.

(II): Some ants are bees.

- Ans**
-  1. Only conclusion (I) follows.
 -  2. Only conclusion (II) follows.
 -  3. Both conclusions (I) and (II) follow.
 -  4. Neither conclusion (I) nor (II) follows.

Section : **General Awareness**

Q.1 Which Article of the Constitution of India lays down qualifications for the membership of the Parliament?

- Ans**
-  1. Article 85
 -  2. Article 84
 -  3. Article 105
 -  4. Article 80

Q.2 Who among the following was the captain of the Indian cricket team during the 1983 Cricket World Cup event?

- Ans**
-  1. Sandeep Patil
 -  2. Kapil Dev
 -  3. Sachin Tendulkar
 -  4. Mohinder Amarnath

Q.3 Who first postulated that cells are generated from pre-existing cells?

- Ans**
-  1. Carl Linnaeus
 -  2. Jennifer Doudna
 -  3. Rudolf Virchow
 -  4. William Harvey

Q.4 Who among the following has written the famous novels (originally in Bangla) 'Devdas' and 'Parineeta'?

- Ans**
-  1. Sarat Chandra Chattopadhyay
 -  2. Rabindra Nath Tagore
 -  3. Nabin Chandra Sen
 -  4. Bankim Chandra Chatterjee

Q.5 In which of the following states is shifting agriculture locally called Penda?

- Ans**
-  1. West Bengal
 -  2. Madhya Pradesh
 -  3. Andhra Pradesh
 -  4. Orissa

Q.6 Recreation services are an example of _____.

- Ans**
- ☐ 1. intermediate goods
 - ☒ 2. consumer goods
 - ☐ 3. inferior goods
 - ☐ 4. capital goods

Q.7 Match the columns.

List- I (South Indian King)

1. Maravarman Sundara Pandyan
2. Krishnadevaraya
3. Narasimha II
4. Tailapa III

List –II (Dynasty)

- A) Hoysalas
- B) Chalukyas
- C) Pandyas
- D) Tuluvas

- Ans**
- ☒ 1. 1-(C); 2 -(D); 3 -(A); 4 -(B)
 - ☐ 2. 1-(C); 2 -(A); 3 -(D); 4 -(B)
 - ☐ 3. 1-(D); 2 -(C); 3 -(B); 4 -(A)
 - ☐ 4. 1-(A); 2 -(B); 3 -(C); 4 -(D)

Q.8 All living organisms on the Earth are made up of carbon compounds. Many years ago, dead and buried plants started slowly modifying into coal under high temperature and high pressure. This process is called:

- Ans**
- ☐ 1. black gold formation
 - ☐ 2. peat formation
 - ☐ 3. composting
 - ☒ 4. carbonization

Q.9 As per the National Multidimensional Poverty Index Report 2021, which of the following states has the least population under poverty?

- Ans**
- ☐ 1. Himachal Pradesh
 - ☒ 2. Sikkim
 - ☐ 3. Punjab
 - ☐ 4. Tamil Nadu

Q.10 Jaiminiya and Kausitaki dances are mentioned in which of the following?

- Ans**
- ☐ 1. Vedas
 - ☐ 2. Puranas
 - ☒ 3. Brahmanas
 - ☐ 4. Agamas

Q.11 Who was the first feudatory of Pallavas?

- Ans**
- ☒ 1. Vijayalaya
 - ☐ 2. Rajendra
 - ☐ 3. Ashoka
 - ☐ 4. Harshvardhan

Q.12 Analgesic medicines are used for _____.

- Ans**
- ☐ 1. killing or weakening microbes and infections
 - ☐ 2. supporting physiological functions
 - ☒ 3. reducing pain and in fever
 - ☐ 4. correcting deficiencies due to vitamins and nutrients

Q.13 In January 2023, the Warehouse Development Regulation Authority (WDRA) signed a memorandum of understanding with _____ of India to help farmers get low interest rate loans.

- Ans**
- ☐ 1. Bank of Baroda
 - ☒ 2. State Bank of India
 - ☐ 3. Union Bank of India
 - ☐ 4. Canara Bank

Q.14 Geeta Chandran received the Padma Shri in 2007 who is an acclaimed _____ dancer.

- Ans**
- ☐ 1. Odissi
 - ☐ 2. Sattriya
 - ☐ 3. Mohiniyattam
 - ☒ 4. Bharatanatyam

Q.15 As per Planning Commission of India, in 2004–05, the percentage of total population of India below poverty line (Lakadawala Poverty Estimates combined) was:

- Ans**
- ☐ 1. 35.97%
 - ☐ 2. 38.86%
 - ☒ 3. 27.5%
 - ☐ 4. 44.48%

Q.16 Ustad Ghagge Khuda Baksh was associated with which of the following gharanas?

- Ans**
- ☒ 1. Agra gharana
 - ☐ 2. Delhi gharana
 - ☐ 3. Gwalior gharana
 - ☐ 4. Benaras gharana

Q.17 In October 2023, Raghubar Das has been appointed the Governor of which of the following states of India?

- Ans**
- ☐ 1. West Bengal
 - ☒ 2. Odisha
 - ☐ 3. Chhattisgarh
 - ☐ 4. Maharashtra

Q.18 Which of the following is considered as a day of mourning among the Muslim community?

- Ans**
- ☐ 1. Barah Wafat
 - ☒ 2. Muharram
 - ☐ 3. Shab-e-Barat
 - ☐ 4. Bakri Eid

Q.19 The Ebony, Mahogany, Cinchona etc. are trees found in which type of forests in India?

- Ans**
- ☒ 1. Tropical Evergreen Forests
 - ☐ 2. Mangrove Forests
 - ☐ 3. Tropical Deciduous Forests
 - ☐ 4. Thorny Forests

Q.20 What is the standard length of an Olympic-size swimming pool?

- Ans**
- ☐ 1. 60 metres
 - ☒ 2. 50 metres
 - ☐ 3. 40 metres
 - ☐ 4. 70 metres

Q.21 Who among the following was the Viceroy of India during the announcement of the Partition of Bengal in 1905?

- Ans**
- ☐ 1. Lord Dalhousie
 - ☒ 2. Lord Curzon
 - ☐ 3. Lord Canning
 - ☐ 4. Lord Hastings

Q.22 Consider the following lists:

List I (Congress Session)

List II (President)

1	Bombay, 1885	(a)	Rahimtullah M. Sayani
2	Calcutta, 1896	(b)	Rash Behari Ghosh
3	Surat, 1907	(c)	Sarojini Naidu
4	Kanpur, 1925	(d)	Womesh Chandra Bannerjee

Select the correct answer using the code given below:

- Ans
- ☐ 1. 1-d, 2-a, 3-c, 4-b
 - ☐ 2. 1-d, 2-c, 3-b, 4-a
 - ☐ 3. 1-d, 2-b, 3-a, 4-c
 - ☒ 4. 1-d, 2-a, 3-b, 4-c

Q.23 It is observed that a child's heart rate is 135 times per minute. The beat frequency of heart is ____.

- Ans
- ☐ 1. 1.12 Hz
 - ☒ 2. 2.25 Hz
 - ☐ 3. 135 Hz
 - ☐ 4. 8100 Hz

Q.24 What kind of structures are generally used by Buddhists for containing remains of their monks and nuns?

- Ans
- ☐ 1. Viharas
 - ☐ 2. Garbha griha
 - ☐ 3. Grihas
 - ☒ 4. Stupas

Q.25 Which of the following is NOT an important function of the Supreme Court?

- Ans
- ☐ 1. It acts to check on executive authorities and enforce the rule of law
 - ☒ 2. It maintains of land records and revenue collection
 - ☐ 3. It maintains federal equilibrium
 - ☐ 4. It is the protector and guarantor of fundamental rights

Section : English Language and Comprehension

Q.1 Select the most appropriate synonym of the given word.

Exemplary

- Ans
- ☐ 1. Ordinary
 - ☒ 2. Excellent
 - ☐ 3. Bad
 - ☐ 4. Average

Q.2 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
She was amazed by / the unique architecture of / the Sydney Opera House.

- Ans
- ☐ 1. She was amazed by
 - ☐ 2. the unique architecture of
 - ☒ 3. No error
 - ☐ 4. the Sydney Opera House

Q.3 Select the most appropriate option to fill in the blank and complete the expression.

I begin to pronounce the sequence of words and numbers that will prevent her from giving him a piece of her _____.

- Ans**
- ☐ 1. art
 - ☒ 2. mind
 - ☐ 3. music
 - ☐ 4. cake

Q.4 Select the most appropriate ANTONYM of the underlined word.

Ritesh remarked, "Honesty is a great virtue."

- Ans**
- ☒ 1. Wickedness
 - ☐ 2. Probity
 - ☐ 3. Rectitude
 - ☐ 4. Integrity

Q.5 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Necessary
 - ☐ 2. Achieve
 - ☒ 3. Conscientious
 - ☐ 4. Committee

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

A room in a hospital used especially for sunbathing or therapeutic exposure to light

- Ans**
- ☐ 1. Planetarium
 - ☐ 2. Podium
 - ☒ 3. Solarium
 - ☐ 4. Sanatorium

Q.7 Select the most appropriate option to fill in the blank.

There was no one left in the world whom they could call _____.

- Ans**
- ☐ 1. their's
 - ☐ 2. there's
 - ☒ 3. theirs
 - ☐ 4. their

Q.8 Select the most appropriate ANTONYM of the word in brackets to fill in the blank.
He spoke softly and _____ (tensely), trying to diffuse the tense situation.

- Ans**
- ☒ 1. calmly
 - ☐ 2. furiously
 - ☐ 3. madly
 - ☐ 4. excitingly

Q.9 Identify the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Condescend
 - ☐ 2. Alliteration
 - ☐ 3. Banquet
 - ☒ 4. Deliverence

Q.10 Select the grammatically correct sentence.

- Ans**
- ☒ 1. It is obvious that a child needs love and attention of parents.
 - ☐ 2. It is an obvious that child needs love and attention of parents.
 - ☐ 3. It is a obvious that child needs love and attention of parents.
 - ☐ 4. It is the obvious that child needs love and attention of parents.

Q.11 Select the most appropriate meaning of the given idiom.
It's raining cats and dogs.

- Ans**
- ☐ 1. The rain is very light.
 - ☐ 2. There are cats and dogs in the rain.
 - ☐ 3. It's a perfect day for a picnic.
 - ☒ 4. It's raining very heavily.

Q.12 Select the correctly spelt word to fill in the blank and make the sentence meaningful.
Anuradha travelled to Italy last summer and _____ the historic ruins of Rome.

- Ans**
- ☒ 1. explored
 - ☐ 2. explaured
 - ☐ 3. explord
 - ☐ 4. acsplored

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He told / his senior, "I / will sung a song / at the party tonight."

- Ans**
- ☒ 1. will sung a song
 - ☐ 2. his senior, "I
 - ☐ 3. He told
 - ☐ 4. at the party tonight."

Q.14 Select the most appropriate meaning of the given word.
Improbable

- Ans**
- ☐ 1. Practical
 - ☐ 2. Plausible
 - ☐ 3. Tenable
 - ☒ 4. Implausible

Q.15 Select the most appropriate option to fill in the blank.

The students were captivated by the _____ story told by their teacher.

- Ans**
- ☐ 1. mundane
 - ☐ 2. superfluous
 - ☐ 3. obsolete
 - ☒ 4. compelling

Q.16 Correct the underlined part of the sentence.

The rabbit runs fastly.

- Ans**
- ☐ 1. as fast as
 - ☐ 2. faster
 - ☒ 3. fast
 - ☐ 4. fastest

Q.17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Maria was unhappy / because she terribly performed / in the examination / conducted last month.

- Ans**
- ☐ 1. in the examination
 - ☐ 2. conducted last month
 - ☐ 3. Maria was unhappy
 - ☒ 4. because she terribly performed

Q.18 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in the blanks.

The touch-sensitive surface is one of the reasons why tablets and smart phones are so smart. All touchscreens generate an electric field _____ the screen. Your finger interferes with the field, and the device's operating system _____ your touch or swipe.

- Ans**
- ☒ 1. onto; chases
 - ☒ 2. beyond; escorts
 - ☒ 3. across; follows
 - ☒ 4. past; attends

Q.19 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.

It is very hottest over here.

- Ans**
- ☒ 1. most hot
 - ☒ 2. hot
 - ☒ 3. more hot
 - ☒ 4. hotter

Q.20 Select the most appropriate synonym of the underlined word.
He is reluctant to do the work.

- Ans**
- ☒ 1. eager
 - ☒ 2. happy
 - ☒ 3. disposed
 - ☒ 4. hesitant

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As community-minded creatures who want (1) _____ to belong, we often mirror others including on social media, where we adopt phrasing, tone and expressions of emotion. In the past few years, social media has had a (2) _____ on hyper positivity: think cheery emojis and (3) _____ quotes plastered over sunsets. Some put this 'good vibes only' trend down to the pandemic and a (4) _____ to avoid painful feelings when (5) _____ on difficult realities. However, attempting to convey constant happiness is not only difficult but impossible.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. abiotically
 - ☒ 2. deeply
 - ☒ 3. crisply
 - ☒ 4. laudatory

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As community-minded creatures who want (1) _____ to belong, we often mirror others including on social media, where we adopt phrasing, tone and expressions of emotion. In the past few years, social media has had a (2) _____ on hyper positivity: think cheery emojis and (3) _____ quotes plastered over sunsets. Some put this 'good vibes only' trend down to the pandemic and a (4) _____ to avoid painful feelings when (5) _____ on difficult realities. However, attempting to convey constant happiness is not only difficult but impossible.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. disregard
 - ☒ 2. blemish
 - ☒ 3. dispersion
 - ☒ 4. focus

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As community-minded creatures who want (1) _____ to belong, we often mirror others, including on social media, where we adopt phrasing, tone and expressions of emotion. In the past few years, social media has had a (2) _____ on hyper positivity: think cheery emojis and (3) _____ quotes plastered over sunsets. Some put this 'good vibes only' trend down to the pandemic and a (4) _____ to avoid painful feelings when (5) _____ on difficult realities. However, attempting to convey constant happiness is not only difficult but impossible.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. reticent
 - ☒ 2. deterring
 - ☒ 3. motivational
 - ☒ 4. inobtrusive

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As community-minded creatures who want (1) _____ to belong, we often mirror others, including on social media, where we adopt phrasing, tone and expressions of emotion. In the past few years, social media has had a (2) _____ on hyper positivity: think cheery emojis and (3) _____ quotes plastered over sunsets. Some put this 'good vibes only' trend down to the pandemic and a (4) _____ to avoid painful feelings when (5) _____ on difficult realities. However, attempting to convey constant happiness is not only difficult but impossible.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. desire
 - ☒ 2. indolence
 - ☒ 3. apathy
 - ☒ 4. listlessness

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As community-minded creatures who want (1) _____ to belong, we often mirror others, including on social media, where we adopt phrasing, tone and expressions of emotion. In the past few years, social media has had a (2) _____ on hyper positivity: think cheery emojis and (3) _____ quotes plastered over sunsets. Some put this 'good vibes only' trend down to the pandemic and a (4) _____ to avoid painful feelings when (5) _____ on difficult realities. However, attempting to convey constant happiness is not only difficult but impossible.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. stagnating
 - ☒ 2. collaborating
 - ☒ 3. ruminating
 - ☒ 4. laminating

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	17/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Ramesh purchased a piano, marked at ₹18,000 at a successive discounts of 12% and 15%, respectively. Ramesh gave ₹536 as transportation charge and sold it at ₹21,000. What is his gain percentage?

- Ans
- ☐ 1. 35%
 - ☐ 2. 48%
 - ☒ 3. 50%
 - ☐ 4. 40%

Q.2 The value of $27 \times (63 \div 7) \div 3 - \{5 \times 5 + 8 - (9 - 4) \div 5\}$ is:

- Ans
- ☐ 1. 47
 - ☐ 2. 55
 - ☐ 3. 53
 - ☒ 4. 49

Q.3 When the price of a laptop was reduced by 15%, its sales increased by 10%. What was the net effect on the sale?

- Ans
- ☐ 1. 6.5% increase
 - ☒ 2. 6.5% decrease
 - ☐ 3. 3.5% decrease
 - ☐ 4. 3.5% increase

Q.4 The diameter of a right circular cone is 56 metres and its slant height is 35 metres. Find its volume (rounded off to the nearest integer). (Take $\pi = \frac{22}{7}$.)

- Ans
- ☐ 1. 12,936 m³
 - ☐ 2. 25,872 m³
 - ☐ 3. 28,747 m³
 - ☒ 4. 17,248 m³

Q.5 Ramu sells an item to Raju at a profit of 15%, and Raju sells it to Somu at a profit of 20%. If Somu pays ₹276 for it, then what is the cost price of the item for Ramu?

- Ans
- ☐ 1. ₹210
 - ☐ 2. ₹180
 - ☐ 3. ₹220
 - ☒ 4. ₹200

Q.6 Five athletes are weighed consecutively, and after each measurement, their average weight is calculated. If the average weight increases by 1.5 kg each time, then how much heavier is the last player than the first player?

- Ans
- ☐ 1. 18 kg
 - ☐ 2. 10 kg
 - ☒ 3. 12 kg
 - ☐ 4. 15.5 kg

Q.7 A conical cavity is drilled in a solid circular cylinder of 7 cm height and 48 cm base diameter. The height and base diameter of the cone are the same as those of the cylinder. What is the total surface area of the remaining solid?

- Ans**
- ☒ 1. $1512\pi \text{ cm}^2$
 - ☐ 2. $1076\pi \text{ cm}^2$
 - ☐ 3. $1420\pi \text{ cm}^2$
 - ☐ 4. $1654\pi \text{ cm}^2$

Q.8 The greatest number of four digits which is divisible by each one of the numbers 15, 25, 40 and 75 is:

- Ans**
- ☐ 1. 9400
 - ☒ 2. 9600
 - ☐ 3. 9500
 - ☐ 4. 9800

Q.9 In what proportion must a man mix milk worth ₹3.3/litre with milk worth ₹1.8/litre so that the mixture may be worth ₹2.4/litre?

- Ans**
- ☐ 1. 1 : 3
 - ☐ 2. 3 : 2
 - ☐ 3. 4 : 5
 - ☒ 4. 2 : 3

Q.10 What is the cost of a tadpole required to make a conical tent with slant height 15 m and height 9 m, when one square meter tadpole costs ₹147?

- Ans**
- ☐ 1. Rs.62,370
 - ☐ 2. Rs.67,842
 - ☒ 3. Rs.83,160
 - ☐ 4. Rs.49,896

Q.11 A thief steals a bike at 10:30 am and drives it at 50 km/hr. But the thief is found after half an hour. The bike owner started to chase him by another bike at 60 km/hr. The time at which the thief is caught is:

- Ans**
- ☐ 1. 2: 30 pm
 - ☐ 2. 1: 00 pm
 - ☒ 3. 1: 30 pm
 - ☐ 4. 12: 30 pm

Q.12 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 7% per year rate of interest for 6 years.

- Ans**
- ☒ 1. 840
 - ☐ 2. 880
 - ☐ 3. 800
 - ☐ 4. 780

Q.13 Rakesh obtained a simple interest of ₹3,195 on a certain principal in 6 years at the rate of 15% per annum. What amount of simple interest would he get if he invested ₹1,250 more than the previous principal for 3 years at the same rate of interest?

- Ans**
- ☒ 1. ₹2,160
 - ☐ 2. ₹2,255
 - ☐ 3. ₹2,050
 - ☐ 4. ₹2,400

Q.14 Find the gain percentage, given that Aditi sold her scooter for ₹40675 gaining $\frac{1}{5}$ th of the selling price.

- Ans**
- ☒ 1. 25%
 - ☐ 2. 5%
 - ☐ 3. 35%
 - ☐ 4. 15%

Q.15 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 5% per year rate of interest for 3 years.

- Ans
- ☐ 1. 415
 - ☐ 2. 315
 - ☐ 3. 335
 - ☒ 4. 375

Q.16 The average age of a class of 39 students is 20 years. If the age of the teacher is included, then the average increases by 6 months. Find the age of the teacher (in years).

- Ans
- ☐ 1. 45
 - ☐ 2. 30
 - ☐ 3. 50
 - ☒ 4. 40

Q.17 Shankar comes to buy a T-shirt in a showroom. He purchases a shirt which costs ₹1,020 after a discount. He pays his bill in the form of 50 paise, 20 paise and 10 paise coins in the ratio 2 : 3 : 4 (assume for the sake of the problem). What is the number of 10 paise coins he used to pay his bill?

- Ans
- ☒ 1. 2040
 - ☐ 2. 510
 - ☐ 3. 1020
 - ☐ 4. 1530

Q.18 If the marked price of an article is $\frac{4}{3}$ times the cost price and the selling price is $\frac{9}{11}$ times the marked price, then what is the profit/loss percentage?

- Ans
- ☐ 1. $9\frac{1}{2}\%$ profit
 - ☒ 2. $9\frac{1}{11}\%$ profit
 - ☐ 3. $9\frac{1}{2}\%$ loss
 - ☐ 4. $9\frac{1}{11}\%$ loss

Q.19 It takes 15 seconds for a 375-m long train to pass a pole. How long will it take to pass a 975-m long platform?

- Ans
- ☐ 1. 90 seconds
 - ☐ 2. 72 seconds
 - ☐ 3. 60 seconds
 - ☒ 4. 54 seconds

Q.20 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 71 kg and 38 kg is:

- Ans
- ☐ 1. 51.8
 - ☐ 2. 49.8
 - ☒ 3. 50.8
 - ☐ 4. 52.8

Q.1 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(37, 58, 100)

(35, 70, 110)

- Ans**
- ☒ 1. (8, 13, 26)
 - ☐ 2. (85, 75, 65)
 - ☐ 3. (43, 44, 132)
 - ☐ 4. (74, 33, 12)

Q.2 What should come in place of the question mark (?) in the given series?

219 222 227 234 ? 254

- Ans**
- ☐ 1. 242
 - ☐ 2. 244
 - ☒ 3. 243
 - ☐ 4. 241

Q.3 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $14 \div 6 + 9 \times 3 - 2 = ?$

- Ans**
- ☐ 1. 75
 - ☐ 2. 76
 - ☐ 3. 81
 - ☒ 4. 83

Q.4 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GJD ,IHH, KFL, MDP, ?

- Ans**
- ☒ 1. OBT
 - ☐ 2. PBT
 - ☐ 3. OBS
 - ☐ 4. PAT

Q.5 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). Only one person sits between D and A when counted from the right of D. Only one person sits between A and B. Only one person sits between D and G. Only two people sit between E and B, when counted from the right of E. Only one person sits between F and G.
Who sits third to the right of C ?

- Ans**
- ☐ 1. B
 - ☐ 2. F
 - ☐ 3. D
 - ☒ 4. A

Q.6 OT11 is related to PU15 in a certain way. In the same way, WB21 is related to XC25. To which of the following is DI31 related, following the same logic?

- Ans**
- ☐ 1. EF53
 - ☐ 2. DJ35
 - ☐ 3. EJ53
 - ☒ 4. EJ35

Q.7 In a certain code, 'curtain door window' is coded as 'la ph ba', 'lock window key' is coded as 'ep zm la', 'key curtain handle' is coded as 'fd ba zm'. What is the code for 'curtain' in that language? (Note: All the codes are two-letter coded only.)

- Ans**
- ☐ 1. la
 - ☐ 2. zm
 - ☒ 3. ba
 - ☐ 4. ep

Q.8 A, D, K, N, Y and Z are sitting around a circular table facing the centre (but not necessarily in the same order). Z is sitting third to the right of D. K is not the immediate neighbour of Z. A is sitting second to the left of Z. N is not the immediate neighbour of A.
Who is the immediate neighbour of both between A and K?

- Ans**
- ☐ 1. Y
 - ☐ 2. N
 - ☐ 3. Z
 - ☒ 4. D

Q.9 IOZU is related to HNYT in a certain way based on the English alphabetical order. In the same way, PDYC is related to OCXB. To which of the following is EJSW related, following the same logic?

- Ans**
- ☒ 1. DIRV
 - ☐ 2. DJSV
 - ☐ 3. DIRW
 - ☐ 4. EIRV

Q.10 What should come in place of the question mark (?) in the given series?

16 41 57 66 ? 71

- Ans**
- ☐ 1. 75
 - ☐ 2. 82
 - ☐ 3. 80
 - ☒ 4. 70

Q.11 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$66 \times 6 - 15 \div 3 + 9 = ?$

- Ans**
- ☒ 1. 47
 - ☐ 2. 48
 - ☐ 3. 49
 - ☐ 4. 46

Q.12 17 is related to 119 following a certain logic. Following the same logic, 31 is related to 217. To which of the following is 32 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 230
 - ☐ 2. 228
 - ☐ 3. 226
 - ☒ 4. 224

Q.13 RMTO is related to QLSN in a certain way based on the English alphabetical order. In the same way, LGNI is related to KFMH. To which of the following is IDKF related, following the same logic?

- Ans**
- ☐ 1. CHJE
 - ☒ 2. HCJE
 - ☐ 3. CHEJ
 - ☐ 4. HDEJ

Q.14 13 is related to 64 following a certain logic. Following the same logic, 16 is related to 79. To which of the following is 19 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 94
 - ☐ 2. 90
 - ☐ 3. 92
 - ☐ 4. 96

Q.15 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
No bin is a table.
Some bins are stools.
Conclusions:
I. All stools are tables.
II. Some stools are bins.

- Ans**
-  1. Both conclusions I and II follow
 -  2. Only conclusion I follows
 -  3. Neither conclusion I nor II follows
 -  4. Only conclusion II follows

Q.16 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.
Statements:
All boxes are glasses. All glasses are cups. Some cups are bottles.
Conclusions:
(I): All boxes are cups.
(II): Some glasses are bottles.

- Ans**
-  1. Only conclusion II follows.
 -  2. Neither conclusion I nor II follows.
 -  3. Only conclusion I follows.
 -  4. Both conclusions I and II follow.

Q.17 In a certain code language, 'this is book' is written as 'lo mo ro' and 'this is me' is written as 'mo lo po'. How is 'me' written in the given code language?

- Ans**
-  1. lo
 -  2. po
 -  3. ro
 -  4. mo

Q.18 In a certain code language, 'complete the task' is written as 'je tc xo' and 'work is complete' is coded as 'xo ig lx'. How is 'complete' coded in the given language?

- Ans**
-  1. xo
 -  2. je
 -  3. lx
 -  4. tc

Q.19 In a certain code language, 'FITCH' is coded as '47601' and 'DITCH' is coded as '70619'. What is the code for 'D' in the given code language?

- Ans**
-  1. 9
 -  2. 1
 -  3. 0
 -  4. 7

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some books are wood.
All wood is fire.

Conclusions:
(I) Some fire is wood.
(II) All books are fire.

- Ans**
-  1. Neither conclusion (I) nor (II) follows
 -  2. Both conclusions (I) and (II) follow
 -  3. Only conclusion (II) follows
 -  4. Only conclusion (I) follows

Section : **General Awareness**

Q.1 National Urban Livelihood Mission (NULM) was launched in which of the following Five Year plans?

- Ans**
- ☐ 1. Sixth Five Year Plan
 - ☐ 2. Eighth Five Year Plan
 - ☐ 3. Tenth Five Year Plan
 - ☒ 4. Twelfth Five Year Plan

Q.2 In a laterite soil profile, which of the following elements is present in an excessive amount?

- Ans**
- ☒ 1. Iron
 - ☐ 2. Nitrogen
 - ☐ 3. feldspar
 - ☐ 4. Lime

Q.3 What is the chemical reaction that occurs when sugar is heated and turns into a caramel syrup?

- Ans**
- ☒ 1. Caramelisation
 - ☐ 2. Neutralisation
 - ☐ 3. Precipitation
 - ☐ 4. Maillard reaction

Q.4 Which of the following events took place in the year 1928?

- Ans**
- ☒ 1. Bardoli Satyagraha
 - ☐ 2. Kheda Satyagraha
 - ☐ 3. Kakori Incident
 - ☐ 4. Dandi March

Q.5 As per the treaty of Purandar, how many forts were surrendered by Shivaji to Mughals?

- Ans**
- ☐ 1. 35
 - ☐ 2. 18
 - ☐ 3. 11
 - ☒ 4. 23

Q.6 Under the influence of the Greeks, which of the following art styles flourished in India?

- Ans**
- ☐ 1. Mathura
 - ☒ 2. Gandhar
 - ☐ 3. Kandhar
 - ☐ 4. Amravati

Q.7 'Bavalata' is a famous folk dance of which of the following Indian states?

- Ans**
- ☐ 1. Himachal Pradesh
 - ☐ 2. Punjab
 - ☒ 3. Karnataka
 - ☐ 4. Bihar

Q.8 According to Census 2011 of India, which Union Territory has the second highest percentage of urban population?

- Ans**
- ☐ 1. Daman and Diu
 - ☒ 2. Chandigarh
 - ☐ 3. Puducherry
 - ☐ 4. Delhi

Q.9 In which year was the first session of the Indian National Congress held?

- Ans
- ☐ 1. 1882
 - ☐ 2. 1887
 - ☐ 3. 1886
 - ☒ 4. 1885

Q.10 Sachin Tendulkar scored his 100th international century against which country?

- Ans
- ☒ 1. Bangladesh
 - ☐ 2. Australia
 - ☐ 3. Pakistan
 - ☐ 4. England

Q.11 Match the awardees who received the Sangeet Natak Akademi Amrit Award, 2022 in column A with their corresponding dance forms in column B.

Column A (Name of the Awardee)

Column B (Dance form)

a. Padma Sharma	i. Chhau Dance
b. Siba Prasad Das	ii. Bharatanatyam
c. Thankamani Kutty	iii. Kathak
d. Smita Rajeshbhai Shastri	iv. Kuchipudi

- Ans
- ☒ 1. a-(iii), b-(i), c-(ii), d-(iv)
 - ☐ 2. a-(i), b-(ii), c-(iv), d-(iii)
 - ☐ 3. a-(iv), b-(iii), c-(i), d-(ii)
 - ☐ 4. a-(ii), b-(iv), c-(iii), d-(i)

Q.12 At what temperature do Celsius and Fahrenheit scales have the same value?

- Ans
- ☐ 1. -32°C
 - ☒ 2. -40°C
 - ☐ 3. 32°C
 - ☐ 4. 40°C

Q.13 The Fundamental Rights Sub-Committee of the Constituent Assembly was headed by _____.

- Ans
- ☐ 1. Alladi Krishnaswami Ayyar
 - ☐ 2. Jawaharlal Nehru
 - ☒ 3. JB Kripalani
 - ☐ 4. Harnam Singh

Q.14 Which of the following States/Union Territories is NOT a part of Indus River Basin?

- Ans
- ☒ 1. Sikkim
 - ☐ 2. Ladakh
 - ☐ 3. Himachal Pradesh
 - ☐ 4. Jammu and Kashmir

Q.15 Devendra Fadnavis became the _____ of the state of Maharashtra on 30th June 2022.

- Ans
- ☐ 1. Chief Justice of High Court
 - ☐ 2. Governor
 - ☒ 3. Deputy Chief Minister
 - ☐ 4. Chief Minister

Q.16 In which of the following months is the Konark Dance festival organised in Odisha?

- Ans**
- ☒ 1. December
 - ☐ 2. January
 - ☐ 3. March
 - ☐ 4. June

Q.17 The number of Rajya Sabha members to be elected from each State of India has been fixed by the _____ Schedule of the Constitution.

- Ans**
- ☒ 1. Fourth
 - ☐ 2. Third
 - ☐ 3. Eighth
 - ☐ 4. Sixth

Q.18 The Hathigumpha Inscription was inscribed in which of the following historical regions of India?

- Ans**
- ☐ 1. Suvarnagiri
 - ☐ 2. Taxila
 - ☒ 3. Kalinga
 - ☐ 4. Vaishali

Q.19 When was 'Nai Chetna-Pahal Badlav Ki' campaign launched?

- Ans**
- ☐ 1. January 2023
 - ☒ 2. November 2022
 - ☐ 3. March 2023
 - ☐ 4. December 2022

Q.20 The transportation mechanism in cells by which food or other useful molecules from the outside are carried inside the cell is known as _____.

- Ans**
- ☐ 1. Exocytosis
 - ☒ 2. Endocytosis
 - ☐ 3. Fusion
 - ☐ 4. Osmosis

Q.21 Which of the following para athletes is associated with the javelin throw event?

- Ans**
- ☐ 1. Sharad Kumar
 - ☐ 2. Karamjyoti Dalal
 - ☒ 3. Devendra Jhajharia
 - ☐ 4. Pramod Bhagat

Q.22 Who among the following is known as the 'Mozart of Madras'?

- Ans**
- ☐ 1. Ilaiyaraaja
 - ☐ 2. Shankar Mahadevan
 - ☐ 3. MM Kreem
 - ☒ 4. AR Rahman

Q.23 'Unbreakable' is an autobiography of _____ published in 2013.

- Ans**
- ☐ 1. Abhinav Bindra
 - ☒ 2. MC Mary Kom
 - ☐ 3. Milkha Singh
 - ☐ 4. Geeta Phogat

Q.24 Where does the cash grants in aid from foreign countries are classified?

- Ans**
- ☐ 1. Revenue expenditure
 - ☐ 2. Tax revenue
 - ☒ 3. Non-tax revenue
 - ☐ 4. Capital receipt

Q.25 What is the full form of INSAT?

- Ans**
- ☒ 1. Indian National Satellite System
 - ☐ 2. International Navigation Satellite System
 - ☐ 3. Indian National Standard System
 - ☐ 4. Indian Navigational Satellite System

Section : **English Language and Comprehension**

Q.1 Select the most appropriate ANTONYM of the given word.

Pacify

- Ans**
- ☐ 1. Negate
 - ☐ 2. Restore
 - ☒ 3. Enrage
 - ☐ 4. Amuse

Q.2 Select the most appropriate option to fill in the blank.

The inclusion of Durga Puja in the UNESCO's list of Intangible Cultural Heritage was only possible due to the arduous _____ of all stakeholders.

- Ans**
- ☐ 1. affects
 - ☐ 2. passivity
 - ☒ 3. efforts
 - ☐ 4. ignorance

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Rishi Sunak, the Prime Minister of the United Kingdom and Leader of the Conservative Party, was born into Southampton to parents of Indian descent who immigrated to Britain from East Africa in the 1960s.

- Ans**
- ☒ 1. was born in
 - ☐ 2. was born with
 - ☐ 3. No substitution required
 - ☐ 4. was born on

Q.4 Select the INCORRECTLY spelt word in the given sentence.

The neighbour came in disgoise and attacked her children.

- Ans**
- ☐ 1. children
 - ☐ 2. neighbour
 - ☒ 3. disgoise
 - ☐ 4. attacked

Q.5 Select the most appropriate ANTONYM of the bracketed word to fill in the blank.

The rainbow arched gracefully across the sky, painting it in _____ (lifeless) hues.

- Ans**
- ☐ 1. spiritual
 - ☒ 2. vibrant
 - ☐ 3. ashless
 - ☐ 4. muted

Q.6 Select the most appropriate meaning of the given idiom.

Beat around the bush

- Ans**
- ☐ 1. To speak abusively
 - ☒ 2. To avoid getting to the point of an issue
 - ☐ 3. To speak convincingly
 - ☐ 4. To speak rashly

Q.7 Select the most appropriate ANTONYM of the given word.
Delay

- Ans**
- ☒ 1. Intervene
 - ☒ 2. Lag
 - ☒ 3. Hasten
 - ☒ 4. Wait

Q.8 Read the following sentence and select its future tense form from the following options.

The food company promoted newly launched products at affordable prices.

- Ans**
- ☒ 1. The food company is promoting newly launched products at affordable prices.
 - ☒ 2. The food company will be promoting newly launched products at affordable prices.
 - ☒ 3. The food company promotes newly launched products at affordable prices.
 - ☒ 4. The food company had promoted newly launched products at affordable prices.

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

My sister Mona / never drinks coffee; / she prefer tea / in the morning.

- Ans**
- ☒ 1. she prefer tea
 - ☒ 2. never drinks coffee;
 - ☒ 3. My sister Mona
 - ☒ 4. in the morning

Q.10 Select the most appropriate adverb to fill in the blank.

The explorers trekked _____ through the dense jungle.

- Ans**
- ☒ 1. bravely
 - ☒ 2. before
 - ☒ 3. ever
 - ☒ 4. rarely

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Most probably, / he come / to office / next Tuesday.

- Ans**
- ☒ 1. most probably
 - ☒ 2. he come
 - ☒ 3. next Tuesday
 - ☒ 4. to office

Q.12 Select the option that will improve the underlined part of the given sentence.

The bishop sadly declared that the poor gentleman who was dead was quieter of the community.

- Ans**
- ☒ 1. quiet
 - ☒ 2. most quiet
 - ☒ 3. the quieter
 - ☒ 4. the quietest

Q.13 Select the option that will improve the underlined part of the given sentence.

The moment James saw Regena, he fell head on to his heels in love with her.

- Ans**
- ☒ 1. heels of the head
 - ☒ 2. heads in the heels
 - ☒ 3. head over heels
 - ☒ 4. head and heels

Q.14 Select the INCORRECTLY spelt word in the given sentence.

Many biologists have stated the fact that most of the herbs are perinnial and have healing qualities with added flavour.

- Ans**
- ☒ 1. Perinnial
 - ☐ 2. Biologists
 - ☐ 3. Healing
 - ☐ 4. Qualities

Q.15 Select the most appropriate ANTONYM of the highlighted word in the given sentence.
The author's writing style is characterised by a subtle and nuanced use of language.

- Ans**
- ☐ 1. Elaborate
 - ☒ 2. Sturdy
 - ☐ 3. Delicate
 - ☐ 4. Elegant

Q.16 Select the most appropriate option to fill in the blank.
In order to maintain good governance, every government servant must be held _____ for his/her decisions.

- Ans**
- ☐ 1. unaccountable
 - ☐ 2. flexible
 - ☒ 3. accountable
 - ☐ 4. irresponsible

Q.17 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Machinary
 - ☐ 2. Idol
 - ☐ 3. Hymn
 - ☐ 4. Motto

Q.18 Select the most appropriate option that can substitute the underlined word in the given sentence.

Reduced price of cooking gas brought happy to the face of every citizen.

- Ans**
- ☐ 1. happiest
 - ☐ 2. happier
 - ☒ 3. happiness
 - ☐ 4. happily

Q.19 Select the most appropriate ANTONYM that can substitute the underlined segment in the given sentence.

The team was gradually realising that the social gatherings were draining.

- Ans**
- ☒ 1. absorbing
 - ☐ 2. flippant
 - ☐ 3. unfruitful
 - ☐ 4. frivolous

Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
In addition with / the existing crisis in economy, / the rise of hunger index / is another cause of worry.

- Ans**
- ☐ 1. is another cause of worry
 - ☒ 2. In addition with
 - ☐ 3. the existing crisis in economy
 - ☐ 4. the rise of hunger index

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We're a society fixated on numbers. So, it's no (1) _____ we use measurements and equations to score our weight. The most (2) _____ is BMI, a measure of our body weight to height ratio. BMI (3) _____ bodies as underweight, normal or healthy weight, overweight or obese and can be a useful tool for weight and health (4) _____. But it shouldn't be used as the single (5) _____ of what it means to be a healthy weight when we set our weight loss goals.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. resolution
 - ☒ 2. vibrance
 - ☒ 3. persistence
 - ☒ 4. surprise

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We're a society fixated on numbers. So, it's no (1) _____ we use measurements and equations to score our weight. The most (2) _____ is BMI, a measure of our body weight to height ratio. BMI (3) _____ bodies as underweight, normal or healthy weight, overweight or obese and can be a useful tool for weight and health (4) _____. But it shouldn't be used as the single (5) _____ of what it means to be a healthy weight when we set our weight loss goals.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. imprecise
 - ☒ 2. indistinct
 - ☒ 3. uncharted
 - ☒ 4. popular

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We're a society fixated on numbers. So, it's no (1) _____ we use measurements and equations to score our weight. The most (2) _____ is BMI, a measure of our body weight to height ratio. BMI (3) _____ bodies as underweight, normal or healthy weight, overweight or obese and can be a useful tool for weight and health (4) _____. But it shouldn't be used as the single (5) _____ of what it means to be a healthy weight when we set our weight loss goals.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. speculates
 - ☒ 2. classifies
 - ☒ 3. meanders
 - ☒ 4. dissuades

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We're a society fixated on numbers. So, it's no (1) _____ we use measurements and equations to score our weight. The most (2) _____ is BMI, a measure of our body weight to height ratio. BMI (3) _____ bodies as underweight, normal or healthy weight, overweight or obese and can be a useful tool for weight and health (4) _____. But it shouldn't be used as the single (5) _____ of what it means to be a healthy weight when we set our weight loss goals.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. hastening
 - ☒ 2. planting
 - ☒ 3. landing
 - ☒ 4. screening

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We're a society fixated on numbers. So, it's no (1) _____ we use measurements and equations to score our weight. The most (2) _____ is BMI, a measure of our body weight to height ratio. BMI (3) _____ bodies as underweight, normal or healthy weight, overweight or obese and can be a useful tool for weight and health (4) _____. But it shouldn't be used as the single (5) _____ of what it means to be a healthy weight when we set our weight loss goals.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. wobble
 - ☐ 2. evanesce
 - ☐ 3. serendipity
 - ☒ 4. measure

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	17/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 A well with an internal diameter 10 m is dug to a depth of 10 m. Earth taken out of it is spread all around the well to a width of 12 m to form an embankment. What is the height (in m, rounded off to 2 decimal places) of the embankment?

- Ans**
- ☒ 1. 0.95
 - ☐ 2. 1.02
 - ☐ 3. 1.12
 - ☐ 4. 0.88

Q.2 The average weight of a group of 8 people is 70 kg. After a new person joins the group, the average weight becomes 72 kg. What is the weight (in kg) of the new person?

- Ans**
- ☐ 1. 87
 - ☐ 2. 89
 - ☐ 3. 86
 - ☒ 4. 88

Q.3 A person invested a certain sum of money at 6% per annum simple interest and another sum at 8% per annum simple interest at the same time. After 4 years, he received interest ₹1,560 from both sums. One-fifth of the first sum is equal to one-sixth of the second sum. Find the total sum invested.

- Ans**
- ☒ 1. ₹5,500
 - ☐ 2. ₹5,000
 - ☐ 3. ₹6,000
 - ☐ 4. ₹4,500

Q.4 A dealer marked the price of an item 30% above the cost price. He allowed two successive discounts of 15% and 20% to a particular customer. As a result, he incurred a loss of ₹696. At what price did he sell the item to the customer?

- Ans**
- ☒ 1. ₹5,304
 - ☐ 2. ₹4,904
 - ☐ 3. ₹6,205
 - ☐ 4. ₹7,805

Q.5 The average of 70 values is 40. If each value is multiplied by 20, what will be the changed average?

- Ans**
- ☒ 1. 800
 - ☐ 2. 1400
 - ☐ 3. 90
 - ☐ 4. 60

Q.6 What sum (in ₹) will earn a simple interest of ₹360 in 2 years at 8% per year rate of interest?

- Ans**
- ☒ 1. 2250
 - ☐ 2. 3000
 - ☐ 3. 1125
 - ☐ 4. 4500

Q.7 Raima saves 14% from her income of ₹35,000. How much is her expenditure (in ₹)?

- Ans**
- ☐ 1. 34000
 - ☐ 2. 28600
 - ☐ 3. 32000
 - ☒ 4. 30100

Q.8 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 7% per year rate of interest for 3 years.

- Ans
- ☐ 1. 590
 - ☐ 2. 570
 - ☐ 3. 670
 - ☒ 4. 630

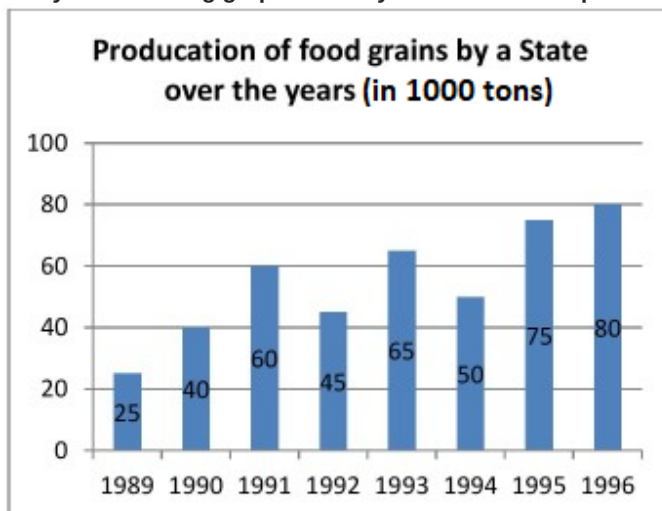
Q.9 A shopkeeper marks his goods $k\%$ more than their cost price. If the shopkeeper allows a 20% discount and still gains 25%, then find the value of k .

- Ans
- ☐ 1. 56.52%
 - ☐ 2. 65.52%
 - ☐ 3. 65.25%
 - ☒ 4. 56.25%

Q.10 If two positive integers x and y are written as $x = a^2b^3$ and $y = a^3b$; and a and b are prime numbers, then HCF (x, y) is:

- Ans
- ☒ 1. a^2b
 - ☐ 2. a^2b^2
 - ☐ 3. ab^2
 - ☐ 4. ab

Q.11 Study the following graph carefully and answer the question given below it.



In which of the following years was the percentage increase in production from the previous year the maximum among the given years?

- Ans
- ☒ 1. 1990
 - ☐ 2. 1991
 - ☐ 3. 1995
 - ☐ 4. 1993

Q.12 A thief is noticed by a policeman from a distance of 150 m. The thief starts running, and the policeman chases him. The thief and the policeman run at the rate of 8 m/s and 10 m/s, respectively. Find the distance travelled by the thief before being caught.

- Ans
- ☒ 1. 600 m
 - ☐ 2. 500 m
 - ☐ 3. 700 m
 - ☐ 4. 550 m

Q.13 If the radius of the base of a right circular cylinder is reduced to one-third, keeping the height same, what is the ratio of the volume of the reduced cylinder to that of the original?

- Ans**
- ☐ 1. 2 : 4
 - ☐ 2. 2 : 3
 - ☒ 3. 1 : 9
 - ☐ 4. 1 : 2

Q.14 A thief is noticed by a policeman from a distance of 450m. The thief starts running and the policeman chases him. The thief and the policeman run at the rate of $10\frac{1}{2}$ km/h and $12\frac{1}{2}$ km/h, respectively. What will be the distance between them after 3 minutes?

- Ans**
- ☐ 1. 200 m
 - ☒ 2. 350 m
 - ☐ 3. 150 m
 - ☐ 4. 100 m

Q.15 A length of a violin string varies inversely with respect to the frequency of its vibrations. The frequency of a 14-inch-long violin string is 450 cycles per second. Find the frequency of a 12-inch violin string.

- Ans**
- ☐ 1. 515 cycles per second
 - ☐ 2. 510 cycles per second
 - ☐ 3. 520 cycles per second
 - ☒ 4. 525 cycles per second

Q.16 Refer the following data table and answer the question.

Day of the week	Distance jogged (in kms)
Monday	3.5
Tuesday	4
Wednesday	4.2
Thursday	5.3
Friday	6.1
Saturday	3
Sunday	5.9

If 750 calories are burnt by jogging 6 km, how many calories were burnt in the given week?

- Ans**
- ☐ 1. 3000
 - ☐ 2. 2500
 - ☒ 3. 4000
 - ☐ 4. 3500

Q.17 Amithab has scored an average of 72 runs in his six interschool matches. In the next match, he scored 96 runs. What is his revised average score?

- Ans**
- ☒ 1. 75.428
 - ☐ 2. 75.3
 - ☐ 3. 75
 - ☐ 4. 74

Q.18 The side of a square exceeds the side of another square by 3 cm and the sum of the areas of the two squares is 225 cm^2 . Find the sum of the perimeter (in cm) of both squares.

- Ans**
- ☒ 1. 84
 - ☐ 2. 94
 - ☐ 3. 74
 - ☐ 4. 64

Q.19 The selling price of an almirah is $33\frac{1}{3}\%$ of its cost price. Find the loss percentage.

- Ans
- ☐ 1. $33\frac{1}{3}\%$
 - ☒ 2. $66\frac{2}{3}\%$
 - ☐ 3. $55\frac{1}{3}\%$
 - ☐ 4. $44\frac{2}{3}\%$

Q.20 If two kinds of resins costing ₹160 per kg and ₹210 per kg are mixed in the ratio of 2 : 3, then find the cost (in ₹) of the mixture per kg.

- Ans
- ☐ 1. 200
 - ☒ 2. 190
 - ☐ 3. 180
 - ☐ 4. 185

Section : Reasoning Ability and Problem Solving

Q.1 In a code language, 'I want food' is written as 'sickota dongre dujubu', 'I want drink' is written as 'bluto sickota dujubu', 'food and drink' is written as 'dongre peppin bluto', then what is the code for the word 'peppin' in this language?

- Ans
- ☐ 1. food
 - ☐ 2. I
 - ☒ 3. and
 - ☐ 4. drink

Q.2 In a certain code language, 'TREE' is coded as 'POCD' and 'FOOT' is coded as 'BLMS'. How will 'MIND' be coded in the same language?

- Ans
- ☐ 1. JEKD
 - ☐ 2. JFLD
 - ☐ 3. IEKD
 - ☒ 4. IFLC

Q.3 What should come in place of the question mark (?) in the following series?
255, 248, 241, 234, 227, ?

- Ans
- ☒ 1. 220
 - ☐ 2. 217
 - ☐ 3. 207
 - ☐ 4. 221

Q.4 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All doors are locks.
Some locks are handles,

Conclusions:
(I) All handles are locks.
(II) No door is a handle.

- Ans
- ☒ 1. Neither conclusion I nor II follows
 - ☐ 2. Only conclusion I follows
 - ☐ 3. Both conclusions I and II follow
 - ☐ 4. Only conclusion II follows

Q.5 In a certain code language, 'LIKE' is coded as '4682' and 'BEAM' is coded as '1358'. What is the code for 'E' in the given code language?

- Ans**
- ☐ 1. 5
 - ☒ 2. 8
 - ☐ 3. 3
 - ☐ 4. 2

Q.6 LQ87 is related to VA55 in a certain way. In the same way, QV59 is related to AF27. To which of the following is BG49 related, following the same logic?

- Ans**
- ☒ 1. LQ17
 - ☐ 2. LQ18
 - ☐ 3. QL17
 - ☐ 4. LQ19

Q.7 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

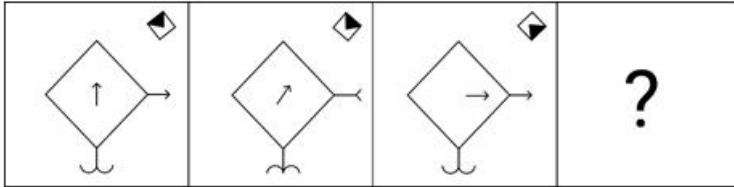
11, 66
26, 156

- Ans**
- ☐ 1. 20, 130
 - ☐ 2. 26, 152
 - ☒ 3. 18, 108
 - ☐ 4. 15, 75

Q.8 In a certain code language, 'apple pen card' is coded as '136', 'doctor no apple' is coded as '243' and 'card is blocked' is coded as '695'. How is 'apple' coded in the given code language?

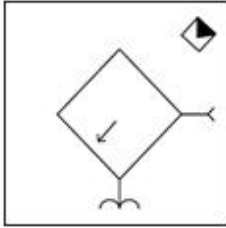
- Ans**
- ☐ 1. 4
 - ☒ 2. 3
 - ☐ 3. 1
 - ☐ 4. 6

Q.9 Select the figure from among the given that will come in place of the question mark (?) and logically complete the series.

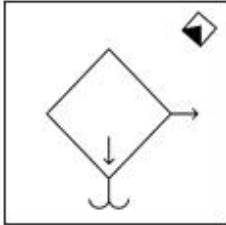


Ans

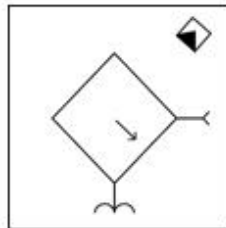
✗ 1.



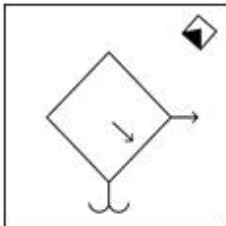
✗ 2.



✓ 3.



✗ 4.



Q.10 KB 9 is related to ED 2 in a certain way. In the same way, XF 11 is related to RH 4. To which of the following is UH 8 related, following the same logic?

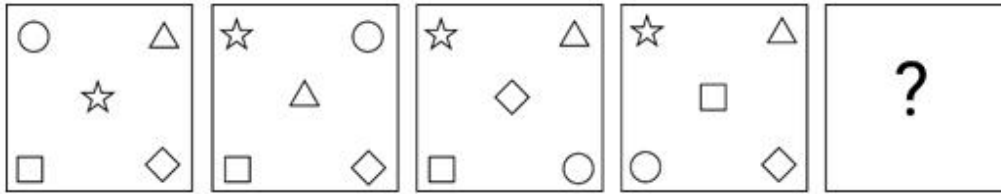
Ans ✗ 1. OK 3

✓ 2. OJ 1

✗ 3. OK 1

✗ 4. OJ 3

Q.11 Select the figure from the given options, which when put in place of the question mark (?) will logically complete the series.



Ans

- ✗ 1.
- ✗ 2.
- ✓ 3.
- ✗ 4.

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All cabbages are roses. All cabbages are tulips.

Conclusions: (I) At least some tulips are roses.

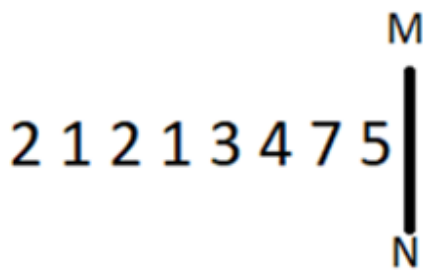
(II) All roses are cabbages.

- Ans** ✗ 1. Neither conclusion (I) nor (II) follows
- ✗ 2. Only conclusion (II) follows
- ✓ 3. Only conclusion (I) follows
- ✗ 4. Both conclusions (I) and (II) follow

Q.13 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). F is sitting third to the left of A. A is sitting second to the left of G. G is sitting to the immediate right of E. B is sitting to the immediate left of D. What is the position of F with respect to E?

- Ans** ✗ 1. Immediate right
- ✗ 2. Immediate left
- ✓ 3. Third to the right
- ✗ 4. Second to the left

Q.14 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

- ✓ 1. 5 1 5 1 3 4 7 2
- ✗ 2. 2 1 2 1 3 4 7 2
- ✗ 3. 7 5 4 3 1 5 1 5
- ✗ 4. 2 1 2 1 3 4 7 2

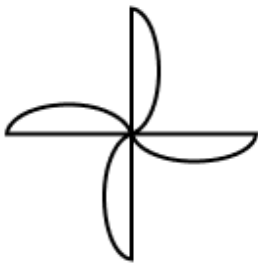
Q.15 What will come in place of the question mark (?) of the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$45 \times 3 + 9 - 18 \div 1 = ?$$

Ans

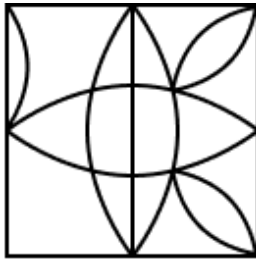
- ✗ 1. 12
- ✗ 2. 6
- ✗ 3. 15
- ✓ 4. 24

Q.16 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).

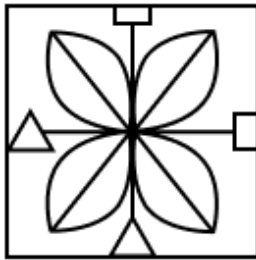


Ans

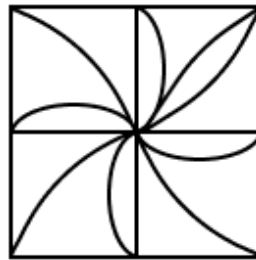
✗ 1.



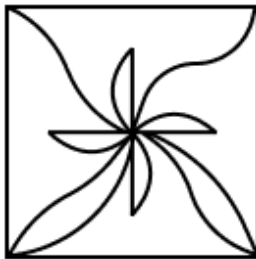
✗ 2.



✓ 3.



✗ 4.



Q.17 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

PKQ ,OJP, NIO ,MHN, ?

Ans ✗ 1. LGN

✗ 2. MGL

✓ 3. LGM

✗ 4. NGL

Q.18 T, N, S, P, R and M are sitting around a circular table facing the centre (but not necessarily in the same order). S is sitting second to the left of T. Only two people are sitting between S and R. M is not the immediate neighbour of S. P is sitting second to the right of R.

How many people are sitting between N and M, when counted from the right of N?

Ans ✗ 1. Three

✗ 2. Four

✗ 3. One

✓ 4. Two

Q.19 Which two signs should be interchanged to make the given equation correct?
 $11 \times 7 - 48 + 6 \div 37 = 106$

- Ans**
- ☒ 1. $\div$ and $+$
 - ☐ 2. $-$ and $\times$
 - ☐ 3. $-$ and $+$
 - ☐ 4. $+$ and $\times$

Q.20 326 is related to 335 following a certain logic. Following the same logic, 419 is related to 428. To which of the following is 566 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 571
 - ☐ 2. 599
 - ☒ 3. 575
 - ☐ 4. 582

Section : **General Awareness**

Q.1 Who among the following founded the Asiatic Society of Bengal?

- Ans**
- ☐ 1. Warren Hastings
 - ☐ 2. Robert Clive
 - ☐ 3. Henry Colebrook
 - ☒ 4. William Jones

Q.2 In June 2022, Eknath Sambhaji Shinde became the Chief Minister of which of the following states?

- Ans**
- ☒ 1. Maharashtra
 - ☐ 2. Rajasthan
 - ☐ 3. Gujarat
 - ☐ 4. Haryana

Q.3 The weaker warm storms that grow stronger over time are finally converted into huge storms or hurricanes. Which of the following climate regions is the origin of such hurricanes?

- Ans**
- ☐ 1. Semi-arid climate region
 - ☐ 2. Arid climate region
 - ☒ 3. Tropical climate region
 - ☐ 4. Continental climate region

Q.4 Rabindranath Tagore referred to _____ as Nritya Samragini, which translates to 'the empress of dance'.

- Ans**
- ☐ 1. Mrinalini Sarabhai
 - ☒ 2. Sitara Devi
 - ☐ 3. Gangu Bai
 - ☐ 4. Rukmini Arundale

Q.5 Who among the following founded the 'Satyashodhak Samaj' in 1873?

- Ans**
- ☒ 1. Jyotiba Phule
 - ☐ 2. Vinoba Bhave
 - ☐ 3. Gopal Ganesh Agarkar
 - ☐ 4. Vinayak Damodar Savarkar

Q.6 What is the percentage of 's' character in the carbon atom of acetylene?

- Ans**
- ☐ 1. 33.33%
 - ☐ 2. 25%
 - ☒ 3. 50%
 - ☐ 4. 75%

Q.7 Which of the following Mughal emperors issued silver coins in the honour of his wife Mehrunnisa?

- Ans**
- ☐ 1. Akbar
 - ☐ 2. Aurangzeb
 - ☐ 3. Humayun
 - ☒ 4. Jahangir

Q.8 Buddhadev Dasgupta was a famous instrumentalist of which of the following instrument?

- Ans**
- ☐ 1. Sitar
 - ☐ 2. Santoor
 - ☒ 3. Sarod
 - ☐ 4. Surbahar

Q.9 In which of the following states is the Bissu Mela organised to thank Santoor Devi for the good harvest?

- Ans**
- ☐ 1. Punjab
 - ☐ 2. Himachal Pradesh
 - ☒ 3. Uttarakhand
 - ☐ 4. Haryana

Q.10 Which of the following is the correct statement about the Rajya Sabha?

- Ans**
- ☐ 1. All the members are directly elected by the people.
 - ☒ 2. It is known as the Council of the States.
 - ☐ 3. The term of the members is for 5 years.
 - ☐ 4. It is known as the lower house of the parliament.

Q.11 In Union Budget 2023, a sub-scheme of which of the following Yojanas has been proposed with the investment of ₹6,000 crore to enable activities of fishermen, fish vendors and micro and small enterprises?

- Ans**
- ☐ 1. PM Mudra Yojana
 - ☐ 2. PM Fasal Bima Yojana
 - ☐ 3. PM Ujjwala Yojana
 - ☒ 4. PM Matsya Sampada Yojana

Q.12 India launched the 'National Social Assistance Programme' in:

- Ans**
- ☐ 1. 1985
 - ☐ 2. 2000
 - ☐ 3. 1990
 - ☒ 4. 1995

Q.13 Ujjwala was the mascot of which national sports event held in 2023?

- Ans**
- ☐ 1. Khelo India Youth Games 2023
 - ☐ 2. Khelo India University Games 2022
 - ☒ 3. Khelo India Para Games 2023
 - ☐ 4. National Games 2023

Q.14 Which of the following Fundamental Rights entails trafficking of human beings and forced labour?

- Ans**
- ☒ 1. Rights against Exploitation
 - ☐ 2. Right to Freedom
 - ☐ 3. Right to Equality
 - ☐ 4. Cultural and Educational Rights

Q.15 In Harappan civilisation, cities were planned with the streets generally oriented along the _____ directions.

- Ans**
- ☐ 1. incognito
 - ☐ 2. ordinal
 - ☐ 3. anonymous
 - ☒ 4. cardinal

Q.16 To which of the following groups do whales belong?

- Ans**
- ☒ 1. Mammalia
 - ☐ 2. Arthropoda
 - ☐ 3. Pisces
 - ☐ 4. Amphibia

Q.17 The author of the Hindi novel 'Kohre Mein Kaid Rang' is:

- Ans**
- ☐ 1. Chitra Mudgal
 - ☒ 2. Govind Mishra
 - ☐ 3. Kamleshwar
 - ☐ 4. Uday Prakash

Q.18 Which type of loan is supported by MUDRA?

- Ans**
- ☒ 1. Non-farm loan
 - ☐ 2. Real estate loan
 - ☐ 3. Corporate loan
 - ☐ 4. Primary loan

Q.19 The Iron Age site named Tekwada is located in _____.

- Ans**
- ☐ 1. Madhya Pradesh
 - ☐ 2. Tamil Nadu
 - ☐ 3. Andhra Pradesh
 - ☒ 4. Maharashtra

Q.20 Anorexia Nervosa is an eating disorder characterised by _____.

- a) an abnormally heavy body weight
- b) an intense fear of losing weight
- c) a distorted perception of weight
- d) trying to lose weight by exercising excessively

- Ans**
- ☒ 1. c and d
 - ☐ 2. a and c
 - ☐ 3. b and c
 - ☐ 4. a and b

Q.21 How many chances does a high jumper get for overcoming a certain height?

- Ans**
- ☐ 1. Six chances
 - ☒ 2. Three chances
 - ☐ 3. Two chances
 - ☐ 4. Four chances

Q.22 Which Census decade recorded the highest population growth rate (in terms of percentage) in India?

- Ans**
- ☐ 1. 1971-1981
 - ☐ 2. 2001-2011
 - ☐ 3. 1941-1951
 - ☒ 4. 1961-1971

Q.23 The term 'Aus', 'Aman' and 'Boro' are associated with which crop in India?

- Ans**
- ☐ 1. Maize
 - ☒ 2. Paddy
 - ☐ 3. Wheat
 - ☐ 4. Jute

Q.24 Which of the following is NOT a physiographic division of India?

- Ans**
- ☐ 1. The Northern Plains
 - ☐ 2. The Peninsular Plateau
 - ☒ 3. The Tibetan Plateau
 - ☐ 4. The Himalayan Mountains

Q.25 Who among the following received the Padma Shri 2021 for Panthi folk dance?

- Ans**
- ☒ 1. Radhe Shyam Barle
 - ☐ 2. Bhuri Bai
 - ☐ 3. Gulfam Ahmed
 - ☐ 4. Jagdish Chaudhary

Section : **English Language and Comprehension**

Q.1 Select the most appropriate ANTONYM of the underlined word.
Raju is lazy and smart, but he does not attend the classes.

- Ans**
- ☐ 1. snobbish
 - ☒ 2. industrious
 - ☐ 3. lax
 - ☐ 4. genius

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Everyone disliked the new CEO, Kushal, but nobody is ready to put themselves in dangerous situation by telling him their feelings.

- Ans**
- ☒ 1. bell the cat
 - ☐ 2. sit on the fence
 - ☐ 3. pull a long face
 - ☐ 4. rule the roost

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence.

My brother asked me, "Can I exchange my phone from you?"

- Ans**
- ☐ 1. my phone since yours
 - ☐ 2. my phone within yours
 - ☒ 3. my phone with yours
 - ☐ 4. my phone off yours

Q.4 Select the most appropriate option to fill in the blank.
He pressed the _____ just in time to avoid the accident.

- Ans**
- ☐ 1. bike
 - ☐ 2. beak
 - ☐ 3. break
 - ☒ 4. brake

Q.5 Select the INCORRECTLY spelt word...

- Ans**
- ☐ 1. Comfortable
 - ☒ 2. Depresed
 - ☐ 3. Battle
 - ☐ 4. Cheerful

Q.6 Select the most appropriate synonym of the underlined word in the given sentence.

Any declarations or practices of religious antipathy against ethnic minorities in a democratic country should not be tolerated.

- Ans**
- ☐ 1. Devaluation
 - ☒ 2. Enmity
 - ☐ 3. Passivity
 - ☐ 4. Conformity

Q.7 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Even if an unlaced shoe is spotless, it is not neat.

- Ans**
- ☐ 1. agile
 - ☐ 2. forged
 - ☐ 3. requisite
 - ☒ 4. soiled

Q.8 Select the option that expresses the given sentence in future perfect tense form.

I hope you wash all the clothes before you come into the house again.

- Ans**
- ☒ 1. I hope you will have washed all the clothes before you come into the house again.
 - ☐ 2. I hope you will be washing all the clothes before you come into the house again.
 - ☐ 3. I hope you will have wash all the clothes before you come into the house again.
 - ☐ 4. I hope you shall wash all the clothes before you come into the house again

Q.9 Select the option that can be used as a one-word substitute for the given group of words.
one who does something for pleasure

- Ans**
- ☒ 1. Hedonist
 - ☐ 2. Atheist
 - ☐ 3. Anarchist
 - ☐ 4. Aggressor

Q.10 Select the most appropriate option to fill in the blank.
I am calling to thank you _____ the present you sent.

- Ans**
- ☐ 1. with
 - ☒ 2. for
 - ☐ 3. in
 - ☐ 4. of

Q.11 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Arrangement
 - ☐ 2. Subjugator
 - ☒ 3. Inflamous
 - ☐ 4. Kerbstone

Q.12 Select the most appropriate option to fill in the blank.
The ancient Greeks and pagans used to worship natural _____ as Gods and Goddesses.

- Ans**
- ☐ 1. impulses
 - ☐ 2. mixtures
 - ☐ 3. instincts
 - ☒ 4. elements

Q.13 Select the INCORRECTLY spelt word..

- Ans**
- ☐ 1. Conscious
 - ☐ 2. Believe
 - ☐ 3. Receive
 - ☒ 4. Occurance

Q.14 Parts of the following sentence have been given as options. Select the option that contains an error.

Rose painted the most beautifullest picture ever at the art class today!

- Ans**
- ☒ 1. Rose painted
 - ☒ 2. picture ever at the
 - ☒ 3. the most beautifullest
 - ☒ 4. art class today!

Q.15 Read the sentence given below and identify if there is an error in it. The error can be in any segment of the sentence which are marked A, B, C, and D. Select option D if there is 'No error'.

(A) She sings / (B) the song / (C) beautiful in the party / (D) No error.

- Ans**
- ☒ 1. A
 - ☒ 2. C
 - ☒ 3. D
 - ☒ 4. B

Q.16 Select the grammatically correct sentence..

- Ans**
- ☒ 1. A traffic on the highway was heavy during an evening.
 - ☒ 2. The traffic on the highway was heavy during the evening.
 - ☒ 3. The traffic on a highway was heavy during an evening.
 - ☒ 4. The traffic on the highway was heavy during an evening.

Q.17 Correct the underlined part of the sentence.

This mango is bitterer.

- Ans**
- ☒ 1. more bitter
 - ☒ 2. most bitter
 - ☒ 3. bitter
 - ☒ 4. bitterest

Q.18 Select the grammatically correct sentence.

- Ans**
- ☒ 1. An intrepid explorer stumbled upon an uncharted cavern deep within the heart of the rainforest.
 - ☒ 2. The intrepid explorer stumbled upon an uncharted cavern deep within a heart of the rainforest.
 - ☒ 3. The intrepid explorer stumbled upon the uncharted cavern deep within the heart of the rainforest.
 - ☒ 4. An intrepid explorer stumbled upon the uncharted cavern deep within a heart of the rainforest.

Q.19 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

Most women are facing the same problem when it comes to job satisfaction because of the pay parity in institutions.

- Ans**
- ☒ 1. armchair experts
 - ☒ 2. in the same boat
 - ☒ 3. a drop in the ocean
 - ☒ 4. comparing apples to oranges

Q.20 Select the most appropriate to substitute the underlined word in the given sentence.

Rohit asked Nita what was the most intriguing book she has read recently.

- Ans**
- ☒ 1. arraigned
 - ☒ 2. subdued
 - ☒ 3. encircled
 - ☒ 4. tedious

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Newspapers are like mirrors (1)_____ the diverse facets of society, capturing the voices, stories, and events that define our shared human experience. They serve as a forum (2)_____ dialogue, debate, and discussion, amplifying voices from all walks of life and fostering (3)_____ sense of community. Beyond reporting news, newspapers also celebrate achievements, highlight cultural (4)_____, and showcase human resilience in the face of adversity. They are archives of history, chronicling the triumphs and trials of generations, and serving as a reminder of how far we have come and how much further we can go. In an age of digital transformation, newspapers continue to (5)_____, adapting to new mediums while upholding the core values of journalism: accuracy, integrity, and accountability.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans
- ☒ 1. reflects
 - ☒ 2. reflect
 - ☒ 3. reflecting
 - ☒ 4. reflected

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Newspapers are like mirrors (1)_____ the diverse facets of society, capturing the voices, stories, and events that define our shared human experience. They serve as a forum (2)_____ dialogue, debate, and discussion, amplifying voices from all walks of life and fostering (3)_____ sense of community. Beyond reporting news, newspapers also celebrate achievements, highlight cultural (4)_____, and showcase human resilience in the face of adversity. They are archives of history, chronicling the triumphs and trials of generations, and serving as a reminder of how far we have come and how much further we can go. In an age of digital transformation, newspapers continue to (5)_____, adapting to new mediums while upholding the core values of journalism: accuracy, integrity, and accountability.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans
- ☒ 1. on
 - ☒ 2. for
 - ☒ 3. by
 - ☒ 4. into

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Newspapers are like mirrors (1)_____ the diverse facets of society, capturing the voices, stories, and events that define our shared human experience. They serve as a forum (2)_____ dialogue, debate, and discussion, amplifying voices from all walks of life and fostering (3)_____ sense of community. Beyond reporting news, newspapers also celebrate achievements, highlight cultural (4)_____, and showcase human resilience in the face of adversity. They are archives of history, chronicling the triumphs and trials of generations, and serving as a reminder of how far we have come and how much further we can go. In an age of digital transformation, newspapers continue to (5)_____, adapting to new mediums while upholding the core values of journalism: accuracy, integrity, and accountability.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans
- ☒ 1. the
 - ☒ 2. No article required
 - ☒ 3. an
 - ☒ 4. a

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Newspapers are like mirrors (1)_____ the diverse facets of society, capturing the voices, stories, and events that define our shared human experience. They serve as a forum (2)_____ dialogue, debate, and discussion, amplifying voices from all walks of life and fostering (3)_____ sense of community. Beyond reporting news, newspapers also celebrate achievements, highlight cultural (4)_____, and showcase human resilience in the face of adversity. They are archives of history, chronicling the triumphs and trials of generations, and serving as a reminder of how far we have come and how much further we can go. In an age of digital transformation, newspapers continue to (5)_____, adapting to new mediums while upholding the core values of journalism: accuracy, integrity, and accountability.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. richness
 - ☐ 2. richer
 - ☐ 3. richly
 - ☐ 4. richest

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Newspapers are like mirrors (1)_____ the diverse facets of society, capturing the voices, stories, and events that define our shared human experience. They serve as a forum (2)_____ dialogue, debate, and discussion, amplifying voices from all walks of life and fostering (3)_____ sense of community. Beyond reporting news, newspapers also celebrate achievements, highlight cultural (4)_____, and showcase human resilience in the face of adversity. They are archives of history, chronicling the triumphs and trials of generations, and serving as a reminder of how far we have come and how much further we can go. In an age of digital transformation, newspapers continue to (5)_____, adapting to new mediums while upholding the core values of journalism: accuracy, integrity, and accountability.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. dissolve
 - ☐ 2. involve
 - ☒ 3. evolve
 - ☐ 4. revolve

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	18/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 What sum of money, when lent at 6% for 4 years, will produce the same interest as ₹800 earns in 5 years at $4\frac{1}{2}\%$?

- Ans**
- ☐ 1. ₹625
 - ☐ 2. ₹700
 - ☐ 3. ₹650
 - ☒ 4. ₹750

Q.2 x,y and z are divisible by 2,3 and 4, respectively. What is the highest common factor (HCF) of $6x, 4y$ and $3z$?

- Ans**
- ☒ 1. At least 12
 - ☐ 2. At least 18
 - ☐ 3. At least 36
 - ☐ 4. At least 16

Q.3 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 7% per year rate of interest for 2 years.

- Ans**
- ☒ 1. 490
 - ☐ 2. 530
 - ☐ 3. 450
 - ☐ 4. 430

Q.4 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 6% per year rate of interest for 6 years.

- Ans**
- ☒ 1. 900
 - ☐ 2. 860
 - ☐ 3. 840
 - ☐ 4. 940

Q.5 The price of a product increased by 20%. After some time, it decreased by 15%. What is the overall percentage change in the price?

- Ans**
- ☐ 1. 4%
 - ☐ 2. 3%
 - ☒ 3. 2%
 - ☐ 4. 1%

Q.6 Two bicycle riders started at a speed of 7 m/sec and 8 m/sec on a circular path in opposite directions at the same point. If the circumference of the circle is 300 m, then in what time will they first meet?

- Ans**
- ☐ 1. 30 sec
 - ☐ 2. 12 sec
 - ☒ 3. 20 sec
 - ☐ 4. 24 sec

Q.7 An iron ball of radius 20 cm is melted and recast into 64 spherical balls of same radius. Find the radius of each spherical ball.

- Ans**
- ☐ 1. 7 cm
 - ☒ 2. 5 cm
 - ☐ 3. 6 cm
 - ☐ 4. 8 cm

Q.8 By selling an article for ₹19.5, a dealer makes a profit of 30%. By how much should he increase his selling price (in ₹) so as to make a profit of 50%?

- Ans
- ☐ 1. 4
 - ☒ 2. 3
 - ☐ 3. 5
 - ☐ 4. 6

Q.9 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 67 kg and 39 kg is:

- Ans
- ☐ 1. 49.2
 - ☐ 2. 52.2
 - ☐ 3. 51.2
 - ☒ 4. 50.2

Q.10 A man buys a book for ₹150 and sells it for ₹90. Find his loss percentage.

- Ans
- ☐ 1. 25%
 - ☐ 2. 29%
 - ☒ 3. 40%
 - ☐ 4. 30%

Q.11 The external curved surface area of a metallic hemispherical bowl is 308 cm^2 . If the density of metal is 8.7 gm per cm^3 , then the mass of the bowl is equal to:

(Take $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 6252.4 gm
 - ☐ 2. 5264.2 gm
 - ☐ 3. 5262.4 gm
 - ☐ 4. 6254.2 gm

Q.12 Simplify the following.

$$\frac{625 \left[\frac{1}{5} \div \frac{1}{5} \times \frac{1}{5} \right] \times \frac{1}{5}}{512 \left[\frac{1}{8} + \frac{1}{8} \times \frac{1}{8} \right] \times \frac{1}{72}} \times \left(1 - \frac{7}{25} \right)$$

- Ans
- ☐ 1. 72
 - ☒ 2. 18
 - ☐ 3. 25
 - ☐ 4. 64

Q.13 From a square with area a^2 another square made on mid points of the sides of the square is removed. What is the area left in the square?

- Ans
- ☐ 1. $\frac{2a^2}{3}$
 - ☐ 2. $\frac{a^2}{4}$
 - ☒ 3. $\frac{a^2}{2}$
 - ☐ 4. $\frac{3a^2}{4}$

Q.14 Pushkar buys an article for ₹27.50 and sells it for ₹28.60. Find his gain percentage.

- Ans**
- ☐ 1. 3%
 - ☒ 2. 4%
 - ☐ 3. 6%
 - ☐ 4. 7%

Q.15 There are five persons with weights 58 kg, 38 kg, 45 kg, 34 kg and 55 kg. What is the average weight (in kg) of those persons whose weight is less than the average weight of the five persons?

- Ans**
- ☒ 1. 39
 - ☐ 2. 37
 - ☐ 3. 43
 - ☐ 4. 41

Q.16 A shopkeeper sells a notebook that has a marked price of ₹80 at a discount of 8% and gives a pen costing ₹8.60 free with each notebook. Even then he makes a profit of 17%. Find the cost price of each note book correct to two places of decimals.

- Ans**
- ☒ 1. ₹55.56
 - ☐ 2. ₹51.32
 - ☐ 3. ₹49.75
 - ☐ 4. ₹45.35

Q.17 What is the mean proportional between 9 and 25?

- Ans**
- ☐ 1. 34
 - ☐ 2. 16
 - ☐ 3. 17
 - ☒ 4. 15

Q.18 The average of some natural numbers is 27. If 69 is added to the first number and 12 is subtracted from the last number, the average becomes 32.7, then the number of natural numbers is:

- Ans**
- ☒ 1. 10
 - ☐ 2. 5
 - ☐ 3. 8
 - ☐ 4. 7

Q.19 The average of five numbers is 206. The average of two of them is 205. The average of another two of those numbers is 207.5. How many numbers can be accurately identified with this information?

- Ans**
- ☐ 1. Two
 - ☒ 2. One
 - ☐ 3. None
 - ☐ 4. Three

Q.20 A thief is spotted by a policeman from a distance of 400 metres. When the policeman starts to chase the thief also starts running. If the speed of the thief is 18 km/h and that of the policeman 20 km/h, then how far would the thief have run before he is overtaken?

- Ans**
- ☐ 1. 2.5 km
 - ☒ 2. 3.6 km
 - ☐ 3. 9 km
 - ☐ 4. 1.8 km

Q.1 LN 19 is related to PR 15 in a certain way. In the same way, CE 13 is related to GI 9. To which of the following is RT 17 related, following the same logic?

- Ans**
- ☒ 1. VX 13
 - ☐ 2. VW 13
 - ☐ 3. UV 15
 - ☐ 4. VX 15

Q.2 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(98, 24)
(70, 17)

- Ans**
- ☐ 1. (98, 25)
 - ☒ 2. (90, 22)
 - ☐ 3. (116, 29)
 - ☐ 4. (76, 19)

Q.3 In a certain code language, 'SAND' is coded as '2468' and 'WEST' is coded as '3574'. What is the code for 'S' in the given code language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 7
 - ☒ 3. 4
 - ☐ 4. 2

Q.4 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(8, 38, 11)
(3, 20, 7)

- Ans**
- ☐ 1. (3, 20, 5)
 - ☐ 2. (4, 14, 2)
 - ☒ 3. (1, 26, 12)
 - ☐ 4. (2, 52, 32)

Q.5 KPMI is related to LQNJ in a certain way based on the English alphabetical order. In the same way, NSPL is related to OTQM. To which of the following is RWTP related, following the same logic?

- Ans**
- ☐ 1. SXQU
 - ☐ 2. XSQU
 - ☒ 3. SXUQ
 - ☐ 4. XSUQ

Q.6 HOJF is related to IPKG in a certain way based on the English alphabetical order. In the same way, KRMI is related to LSNJ. To which of the following is MTOK related following the same logic?

- Ans**
- ☐ 1. UNLP
 - ☒ 2. NUPL
 - ☐ 3. NULP
 - ☐ 4. UNPL

Q.7 In a certain code language, 'BOAT' is coded as '5197' and 'AIRS' is coded as '2418'. What is the code for 'A' in the given code language?

- Ans**
- ☐ 1. 2
 - ☒ 2. 1
 - ☐ 3. 9
 - ☐ 4. 4

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
All bowling are billiards.
Some billiards are not chess.
Conclusions:
[1] All chess are bowling.
[2] All billiards are chess.

- Ans**
- ☐ 1. Only conclusion [2] follows
 - ☐ 2. Both conclusions [1] and [2] follow
 - ☐ 3. Only conclusion [1] follows
 - ☒ 4. Neither conclusion [1] nor [2] follows

Q.9 What should come in place of the question mark (?) in the following series?

4, 10 ,28, 82, 244, ?

- Ans**
- ☐ 1. 732
 - ☐ 2. 731
 - ☒ 3. 730
 - ☐ 4. 734

Q.10 In a certain code language, 'will you go' is written as 'ht dt gt' and 'you can go' is written as 'gt st dt'. How will 'can' be written in the given code language?

- Ans**
- ☐ 1. ht
 - ☐ 2. gt
 - ☒ 3. st
 - ☐ 4. dt

Q.11 What should come in place of the question marks (?) in the given series?

28, 25, 7, 21, 18, 7, ?, 11, ?

- Ans**
- ☐ 1. 10; 7
 - ☒ 2. 14; 7
 - ☐ 3. 10; 5
 - ☐ 4. 14; 8

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
No child is a man.
No man is an adult.

Conclusions:
(I) Some men are child.
(II) No child is an adult.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☐ 2. Only conclusion I follows
 - ☒ 3. Neither conclusion I nor II follow
 - ☐ 4. Both conclusions I and II follow

Q.13 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$135 \times 5 - 12 \div 11 + 8 = ?$

- Ans**
- ☐ 1. 136
 - ☐ 2. 121
 - ☐ 3. 169
 - ☒ 4. 151

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

Some dolls are toys.

No toy is a book.

Conclusions:

(I) Some dolls are books.

(II) Some toys are dolls.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows.
 - ☒ 2. Only conclusion (I) follows.
 - ☒ 3. Both conclusions (I) and (II) follow.
 - ☒ 4. Only conclusion (II) follows.

Q.15 15 is related to 92 following a certain logic. Following the same logic, 18 is related to 110. To which of the following is 7 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 67
 - ☒ 2. 56
 - ☒ 3. 76
 - ☒ 4. 44

Q.16 U, V, W, X, Y, Z and A are sitting around a circular table facing the centre (but not necessarily in the same order). Only three people sit between X and Y when counted from the left of X. Only three people sit between Z and U when counted from the right of U. V sits to the immediate right of Z. W is an immediate neighbour of U as well as Y. Who sits to the second to the left of A?

- Ans**
- ☒ 1. Z
 - ☒ 2. W
 - ☒ 3. Y
 - ☒ 4. U

Q.17 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DXZ, HTV, LPR, PLN, ?

- Ans**
- ☒ 1. SHK
 - ☒ 2. SHJ
 - ☒ 3. THK
 - ☒ 4. THJ

Q.18 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $4 \div 8 \times 2 - 7 + 3 = ?$

- Ans**
- ☒ 1. 20
 - ☒ 2. 16
 - ☒ 3. 18
 - ☒ 4. 15

Q.19 Six boys A, B, C, D, E and F sit around a circular table facing towards the centre (not necessarily in the same order). Two boys sit between B and F when counted either from the right or left of B. One boy sits between A and B when counted from the right of A. E sits second to the left of A. D sits second to the left of C. Which of the following statement(s) is/are not correct?

- I. A is an immediate neighbour of D.
II. C is an immediate neighbour of F.

- Ans**
- ☒ 1. Only II
 - ☒ 2. Both I and II
 - ☒ 3. Neither I nor II
 - ☒ 4. Only I

Q.20 In a certain code language, 'does she hear' is written as 'mt sp dt' and 'hear the music' is written as 'rb mt ch'. What is the code for 'hear' in that language?

- Ans**
-  1. sp
 -  2. mt
 -  3. ch
 -  4. rb

Section : **General Awareness**

Q.1 As per Census 2011, which of the following states recorded negative growth in child sex ratio?

- Ans**
-  1. Haryana
 -  2. Punjab
 -  3. Maharashtra
 -  4. Himachal Pradesh

Q.2 Who among the following scholars gave reference to the history of Kashmir?

- Ans**
-  1. Kalhana
 -  2. Kalidas
 -  3. Harsha
 -  4. Banbhatta

Q.3 Which of the following cultural festivals of Himachal Pradesh is organised on the auspicious occasion of Basant Panchami at Hadimba Temple?

- Ans**
-  1. Doongri
 -  2. Mopin
 -  3. Ziro
 -  4. Bisua

Q.4 What is the primary function of the excretory system in animals?

- Ans**
-  1. Respiration
 -  2. Reproduction
 -  3. Removal of waste products
 -  4. Digestion

Q.5 Where was the Hindustani classical singer Kumar Gandharva born?

- Ans**
-  1. Tamil Nadu
 -  2. Karnataka
 -  3. Tripura
 -  4. Odisha

Q.6 The author of 'Arthashastra' was a contemporary of which of the following rulers?

- Ans**
-  1. Ashoka
 -  2. Chandragupta Vikramaditya
 -  3. Samudragupta
 -  4. Chandragupta Maurya

Q.7 Article 157 of the Constitution of India mentions the qualifications required for appointment of the _____ of a State.

- Ans**
-  1. Governor
 -  2. Chief Minister
 -  3. Chief Justice of High Court
 -  4. Election Commissioner

Q.8 In which of the following years was the Child Marriage Restraint Act passed?

- Ans**
- ☐ 1. 1902
 - ☒ 2. 1929
 - ☐ 3. 1872
 - ☐ 4. 1856

Q.9 In May 2023, the Union Housing and Urban Affairs Ministry has extended the deadline of its Smart Cities Mission to _____.

- Ans**
- ☐ 1. June 2027
 - ☒ 2. June 2024
 - ☐ 3. June 2025
 - ☐ 4. June 2026

Q.10 With reference to agriculture in India, the term 'penda' is the name given to _____.

- Ans**
- ☐ 1. agricultural season
 - ☐ 2. tea farming
 - ☒ 3. slash and burn agriculture
 - ☐ 4. plantation agriculture

Q.11 The Pitti Bird Sanctuary is located in which Union Territory/State of India?

- Ans**
- ☐ 1. Tamil Nadu
 - ☐ 2. Andaman and Nicobar Islands
 - ☐ 3. Manipur
 - ☒ 4. Lakshadweep

Q.12 According to sympatric speciation, the rising of a new species occurs when:

- Ans**
- ☒ 1. two groups of the same species cannot interbreed among themselves despite living in the same geographic location
 - ☐ 2. one species is separated into different groups due to geologic events like mountain formation
 - ☐ 3. organisms from the same species start to show different behavioural characteristics
 - ☐ 4. the two groups of organisms from the same species would phenotypically look different

Q.13 Shovana Narayan, a Padma Shri recipient, is an exponent of _____.

- Ans**
- ☒ 1. Kathak
 - ☐ 2. Bharatanatyam
 - ☐ 3. Kuchipudi
 - ☐ 4. Sattriya

Q.14 At which of the following places was the Indian Civil Service Examination held for the first time in India?

- Ans**
- ☐ 1. Calcutta
 - ☐ 2. Surat
 - ☐ 3. Delhi
 - ☒ 4. Allahabad

Q.15 The excavated ruins of the Nalanda University indicate that bright red _____ was/were used in its construction.

- Ans**
- ☐ 1. granite
 - ☐ 2. marble
 - ☒ 3. bricks
 - ☐ 4. stone

Q.16 'Ace Against Odds' is the autobiography of a sports personality playing the game of _____.

- Ans**
- ☒ 1. Tennis
 - ☐ 2. Badminton
 - ☐ 3. Cricket
 - ☐ 4. Shooting

Q.17 Despite being eligible for the job of a Legal Officer, Mr. X was not called for an interview for the aforementioned post. Which of his rights was Mr. X unable to exercise?

- Ans**
- ☐ 1. Protection against arrest
 - ☐ 2. Equality before law
 - ☐ 3. Right to education
 - ☒ 4. Equality of opportunity

Q.18 The classical dance form 'Kathakali' traces its origin to which of the following states of India?

- Ans**
- ☒ 1. Kerala
 - ☐ 2. Tamil Nadu
 - ☐ 3. Odisha
 - ☐ 4. Andhra Pradesh

Q.19 Sunil Chhetri made history by becoming the first Indian to score a hat-trick in the Hero ISL, which came in the _____ edition.

- Ans**
- ☒ 1. 2015
 - ☐ 2. 2013
 - ☐ 3. 2014
 - ☐ 4. 2016

Q.20 Which of the following is the first event in a triathlon?

- Ans**
- ☐ 1. Cycling
 - ☐ 2. Running
 - ☒ 3. Swimming
 - ☐ 4. Putting the shot

Q.21 Which of the following factors is primarily responsible for soil formation?

- Ans**
- ☐ 1. Degradation
 - ☐ 2. Mining
 - ☒ 3. Weathering
 - ☐ 4. Irrigation

Q.22 In January 2023, three Indian-origin researchers were among nine scientists named recipients of the Blavatnik Awards for Young Scientists in the UK. Which of the following is NOT one of these three scientists?

- Ans**
- ☐ 1. Rahul R Nair
 - ☒ 2. Gagandeep Kang
 - ☐ 3. Tanmay Bharat
 - ☐ 4. Mehul Malik

Q.23 Which inorganic compound is known to undergo solid state reaction to form urea?

- Ans**
- ☒ 1. Ammonium cyanate
 - ☐ 2. Ammonium phosphate
 - ☐ 3. Ammonium nitrate
 - ☐ 4. Ammonium acetate

Q.24 Which of the following states has the lowest child sex ratio according to Census of India, 2001?

- Ans**
- ☐ 1. Uttarakhand
 - ☐ 2. Himachal Pradesh
 - ☐ 3. Kerala
 - ☒ 4. Haryana

Q.25 Which of the following is NOT an example of public goods?

- Ans**
- ☒ 1. Access to clean air
 - ☒ 2. National defence
 - ☒ 3. Driveway at our home
 - ☒ 4. Law enforcement

Section : **English Language and Comprehension**

Q.1 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Celibrate
 - ☒ 2. Excellent
 - ☒ 3. Dangerous
 - ☒ 4. Abandoned

Q.2 Select the most appropriate option to substitute the underlined segment in the given sentence.

The branches of the tree is very long.

- Ans**
- ☒ 1. has
 - ☒ 2. was
 - ☒ 3. had
 - ☒ 4. are

Q.3 Select the INCORRECTLY spelt word..

- Ans**
- ☒ 1. tendancy
 - ☒ 2. separate
 - ☒ 3. resistance
 - ☒ 4. weather

Q.4 Select the most appropriate option to fill in the blank.

David decided to _____ his old boat to get a new one.

- Ans**
- ☒ 1. sell
 - ☒ 2. sale
 - ☒ 3. cell
 - ☒ 4. ceil

Q.5 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.

Yesterday was the worse day of my life.

- Ans**
- ☒ 1. most bad
 - ☒ 2. bad
 - ☒ 3. ill
 - ☒ 4. worst

Q.6 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

He received the best employee award because he was the more hardworking.

- Ans**
- ☒ 1. hardworking
 - ☒ 2. No improvement required
 - ☒ 3. the hardworking
 - ☒ 4. most hardworking

Q.7 Select the appropriate meaning of the given idiom.

At the drop of a hat

- Ans**
- ☒ 1. Become easily frightened
 - ☒ 2. Crying without any reason
 - ☒ 3. Willingness to do something instantly
 - ☒ 4. Reveal a secret carelessly

Q.8 Read the following sentence and select its future tense form from the options given below:

Ramya finished her dissertation early.

- Ans**
- ☒ 1. Ramya has finished her dissertation early.
 - ☒ 2. Ramya will finish her dissertation early.
 - ☒ 3. Ramya had finished her dissertation early.
 - ☒ 4. Ramya is finishing her dissertation early.

Q.9 Select the most appropriate option to fill in the blank.

Due to _____ 'eve teasing', parents conclude that it is not worth the danger of sending their daughters to school.

- Ans**
- ☒ 1. widespread
 - ☒ 2. rectified
 - ☒ 3. localised
 - ☒ 4. narrow

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

The place where soldiers live

- Ans**
- ☒ 1. Unit
 - ☒ 2. Barracks
 - ☒ 3. Brigade
 - ☒ 4. Regiment

Q.11 Select the most appropriate synonym of the word in bold in the given sentence.

It is **universally** acknowledged that trees are indispensable to us.

- Ans**
- ☒ 1. Rational
 - ☒ 2. Unusual
 - ☒ 3. Fierce
 - ☒ 4. Essential

Q.12 Select the most appropriate option to fill in the blank.

The teacher asked the students to stay _____ during the exam.

- Ans**
- ☒ 1. quote
 - ☒ 2. quit
 - ☒ 3. quite
 - ☒ 4. quiet

Q.13 select the most appropriate option to fill in the blank to complete the idiom and make the sentence meaningful.

During the interview, the candidate was challenged to provide chapter and _____ on his proposed plan.

- Ans**
- ☒ 1. lines
 - ☒ 2. page
 - ☒ 3. cover
 - ☒ 4. verse

Q.14 Select the most appropriate ANTONYM of the word provided in the brackets to fill in the blank.

The painting exhibited a _____ blend of colours. (harmonious)

- Ans**
- ☒ 1. thrilling
 - ☒ 2. polyphonic
 - ☒ 3. quavering
 - ☒ 4. discordant

Q.15 Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.

The teacher made judicious use of technology to explain a sensitive topic.

- Ans**
- ☒ 1. prominent
 - ☒ 2. prudent
 - ☒ 3. difficult
 - ☒ 4. judgmental

Q.16 Select the correct option of the given sentence.

Smt. Savithri is wisest than all others in the group.

- Ans**
- ☒ 1. Smt. Savithri is the wiser than all others in the group.
 - ☒ 2. Smt. Savithri is wiser than all others in the group.
 - ☒ 3. Smt. Savithri is wise than all others in the group.
 - ☒ 4. Smt. Savithri is the wise than all others in the group.

Q.17 Which of the following sentences contains an adverbial error?

- Ans**
- ☒ 1. She writes slowly and steadily.
 - ☒ 2. He sang beautifully at the talent show.
 - ☒ 3. They danced gracefully across the stage.
 - ☒ 4. The teacher spoke clear and concise.

Q.18 Select the most appropriate option to fill in the blank.

The Chinese government has accepted slower economic development as the 'new normal', recognising the need for China to adopt a new growth model that depends less on fixed investment and exports and more on private consumption, services, and innovation to _____ economic growth.

- Ans**
- ☒ 1. drive
 - ☒ 2. bridle
 - ☒ 3. exhale
 - ☒ 4. success

Q.19 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Mischievous
 - ☒ 2. Exhilerate
 - ☒ 3. Incorrighible
 - ☒ 4. Amendment

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence.

He possesses one of the slimmer handsets in the world.

- Ans**
- ☒ 1. most slimmest
 - ☒ 2. most slim
 - ☒ 3. slim
 - ☒ 4. slimmest

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is the mad (1)_____ for speed that is responsible for many motor accidents. Only last year, I (2)_____ what might have been a (3)_____ accident on Kashmir Road. I was motoring down (4)_____ Srinagar; and as I was nearing Kohala, I came upon the (5)_____ of two cars on the road.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. block
 - ☒ 2. craze
 - ☒ 3. boredom
 - ☒ 4. luck

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is the mad (1)_____ for speed that is responsible for many motor accidents. Only last year, I (2)_____ what might have been a (3)_____ accident on Kashmir Road. I was motoring down (4)_____ Srinagar; and as I was nearing Kohala, I came upon the (5)_____ of two cars on the road.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. anticipated
 - ☒ 2. argued
 - ☒ 3. witnessed
 - ☒ 4. checked

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is the mad (1)_____ for speed that is responsible for many motor accidents. Only last year, I (2)_____ what might have been a (3)_____ accident on Kashmir Road. I was motoring down (4)_____ Srinagar; and as I was nearing Kohala, I came upon the (5)_____ of two cars on the road.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. fatal
 - ☒ 2. wonderful
 - ☒ 3. happening
 - ☒ 4. harmless

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is the mad (1)_____ for speed that is responsible for many motor accidents. Only last year, I (2)_____ what might have been a (3)_____ accident on Kashmir Road. I was motoring down (4)_____ Srinagar; and as I was nearing Kohala, I came upon the (5)_____ of two cars on the road.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. from
 - ☒ 2. on
 - ☒ 3. besides
 - ☒ 4. since

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is the mad (1)_____ for speed that is responsible for many motor accidents. Only last year, I (2)_____ what might have been a (3)_____ accident on Kashmir Road. I was motoring down (4)_____ Srinagar; and as I was nearing Kohala, I came upon the (5)_____ of two cars on the road.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. clatter
 - ☒ 2. cluster
 - ☒ 3. pile
 - ☒ 4. collision

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	18/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Find the HCF of 36 and 84.

- Ans
- ☐ 1. 18
 - ☐ 2. 6
 - ☒ 3. 12
 - ☐ 4. 4

Q.2 In an office, the average salary of 22 staff members was ₹81,400. If the average salary of staff and the Vice Chairman was ₹89,600, then how much is the salary of the Vice Chairman (in ₹)?

- Ans
- ☐ 1. 3,00,000
 - ☐ 2. 2,17,000
 - ☐ 3. 1,97,300
 - ☒ 4. 2,70,000

Q.3 A dishonest shopkeeper professes to sell his goods at cost price, but he uses a weight of 800 grams for 1 kg. Find his gain percentage.

- Ans
- ☐ 1. 40%
 - ☐ 2. 20%
 - ☒ 3. 25%
 - ☐ 4. 50%

Q.4 A and B start running simultaneously, around a circular track of 1200 m, in the same direction, at a speed of 8 m/s and 12 m/s, respectively. A and B will meet at the starting point for the first time after:

- Ans
- ☐ 1. 150 s
 - ☐ 2. 100 s
 - ☒ 3. 300 s
 - ☐ 4. 80 s

Q.5 A sold an article to B at 40% profit and B sold it to C at 15% profit. If C paid ₹4,914 for the article, how much (in ₹, rounded off to the nearest integer) did A pay for it?

- Ans
- ☐ 1. 3,520
 - ☒ 2. 3,052
 - ☐ 3. 3,250
 - ☐ 4. 2,576

Q.6 In a class, there are 30 boys and 20 girls. The average score of boys in Physics is 92, whereas the average score of girls in Physics is 83. Find the average score of the whole class in Physics.

- Ans
- ☐ 1. 96.2
 - ☐ 2. 89.3
 - ☐ 3. 92.6
 - ☒ 4. 88.4

Q.7 In a school sports camp, there is food provision for 200 students for 30 days. If 50 more persons join the sports camp on the first day itself, then for how many days will the provision last?

- Ans**
- ☐ 1. 26
 - ☐ 2. 22
 - ☒ 3. 24
 - ☐ 4. 20

Q.8 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 3% per year rate of interest for 6 years.

- Ans**
- ☒ 1. 540
 - ☐ 2. 480
 - ☐ 3. 580
 - ☐ 4. 500

Q.9 A shopkeeper offers buy three, get one free; what is the percentage discount being offered by the shopkeeper in this scheme?

- Ans**
- ☐ 1. 30%
 - ☐ 2. 33.33%
 - ☐ 3. 20%
 - ☒ 4. 25%

Q.10 Find the simple interest (in ₹) on ₹4000 as a sum borrowed at 4% per year rate of interest for 6 years.

- Ans**
- ☐ 1. 1000
 - ☐ 2. 920
 - ☐ 3. 900
 - ☒ 4. 960

Q.11 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 72 kg and 36 kg is:

- Ans**
- ☐ 1. 52.6
 - ☐ 2. 51.6
 - ☐ 3. 49.6
 - ☒ 4. 50.6

Q.12 The simple interest on a sum of ₹4,200 at the end of 3 years is ₹756. What will be the simple interest (in ₹) on ₹5,400 at the same rate and for the same time period?

- Ans**
- ☐ 1. 987
 - ☒ 2. 972
 - ☐ 3. 998
 - ☐ 4. 980

Q.13 P sold an article to Q at 11% profit and Q sold it to R at 11% loss. If R paid ₹19,758 for it, then at what price (in ₹) was the article purchased by P?

- Ans**
- ☒ 1. 20,000
 - ☐ 2. 22,500
 - ☐ 3. 19,500
 - ☐ 4. 19,750

Q.14 Anand wanted to make a cylindrical kaleidoscope of length 30 cm and radius 7 cm. If he is using handmade sheets to make it, then how much sheet will be required for this?

- Ans**
- ☐ 1. 1520 cm^2
 - ☐ 2. 1440 cm^2
 - ☐ 3. 660 cm^2
 - ☒ 4. 1320 cm^2

Q.15 In an election, 750 votes were cast for the two contestants, Bharti and Manya. Bharti defeated Manya by 16% votes. If there were no invalid vote, then how many votes did Manya get?

- Ans
- ☐ 1. 335
 - ☐ 2. 120
 - ☐ 3. 430
 - ☒ 4. 315

Q.16 Simplify the following.

$$\frac{\frac{1}{3} + \frac{3}{4} \left(\frac{2}{5} - \frac{1}{3} \right)}{\frac{5}{7} \text{ of } \frac{7}{4} - \frac{1}{9} \text{ of } \frac{9}{5}}$$

- Ans
- ☒ 1. $\frac{23}{63}$
 - ☐ 2. $\frac{1}{3}$
 - ☐ 3. $\frac{23}{36}$
 - ☐ 4. $\frac{32}{63}$

Q.17 A chef has two cans of acids and water mixture. He combines the contents of both cans in a beaker. The resulting mixture has half water and half acid. What is the quantity in which he mixed the contents of can 1 and can 2, given that can 2 has an acid-to-water ratio of 2 : 3 and can 1 has an acid-to-water ratio of 5 : 3?

- Ans
- ☐ 1. 2 : 3
 - ☐ 2. 3 : 7
 - ☐ 3. 4 : 7
 - ☒ 4. 4 : 5

Q.18 The capacity of an ice cream cone is 66 cm^3 . What is the radius (in cm) of its base if its height is 7 cm (use $\pi = \frac{22}{7}$)?

- Ans
- ☒ 1. 3
 - ☐ 2. 7
 - ☐ 3. 3.5
 - ☐ 4. 6

Q.19 In a lead pipe 4.2 m long, the external diameter is 5.4 cm and the thickness of the pipe is 3 mm. Find the weight of the pipe, if 1 cm^3 of lead mass is 25 grams. (Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 54.90 kg
 - ☒ 2. 50.49 kg
 - ☐ 3. 59.40 kg
 - ☐ 4. 45.09 kg

Q.20 A thief is running away on a straight road on a bike moving at the speed of 28 m/s. A policeman chases him in a car moving at the speed of 30 m/s. if the instantaneous separation of the bike from the car is 400 m, how long will it take for the policeman to catch the thief?

- Ans
- ☐ 1. 100 seconds
 - ☐ 2. 150 seconds
 - ☐ 3. 300 seconds
 - ☒ 4. 200 seconds

Q.1 What will come in the place of the question mark (?) in the following equation, if '+' and 'x' are interchanged and '÷' and '-' are interchanged?
 $19 \times 7 \div 8 \times 306 - 17 = ?$

Ans  1. 36
 2. 32
 3. 41
 4. 44

Q.2 37 is related to 89 following a certain logic. Following the same logic, 43 is related to 101. To which of the following is 28 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

Ans  1. 78
 2. 71
 3. 51
 4. 55

Q.3 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
OSM, LPJ, IMG, FJD, ?

Ans  1. BGA
 2. BAG
 3. CGA
 4. CAG

Q.4 TGKP is related to QDHM in a certain way based on the English alphabetical order. In the same way, XBWL is related to UYTI. To which of the following is VEAH related, following the same logic?

Ans  1. SBXE
 2. RAXF
 3. SBYF
 4. RAYE

Q.5 What should come in place of '?' in the given series?
11, 35, 103, 311, 931, ?

Ans  1. 2797
 2. 2791
 3. 2793
 4. 2795

Q.6 What should come in place of the question mark (?) in the given series?
3, ?, 13, 18, 23, 28, 33

Ans  1. 5
 2. 9
 3. 7
 4. 8

Q.7 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(4, 9, 26)
(2, 8, 20)

Ans  1. (23, 1, 56)
 2. (5, 3, 26)
 3. (13, 2, 30)
 4. (30, 5, 49)

Q.8 FLRX is related to KQWC in a certain way based on the English alphabetical order. In the same way, GMSY is related to LRXD. To which of the following is HNTZ related, following the same logic?

- Ans**
- ☒ 1. MSYE
 - ☐ 2. MSYW
 - ☐ 3. MSYD
 - ☐ 4. MDSY

Q.9 R, S, T, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). Only three people are sitting between E and T when counted from the right of E. Only two people are sitting between R and G. S is sitting to the immediate left of D. Only two people are sitting between T and R. How many people are sitting between F and S when counted from the left of F?

- Ans**
- ☐ 1. Four
 - ☐ 2. Two
 - ☐ 3. One
 - ☒ 4. Three

Q.10 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some trees are blue.
All blue is green.

Conclusions:
(I) All trees are blue.
(II) Some trees are green.

- Ans**
- ☒ 1. Only conclusion (II) follows
 - ☐ 2. Neither conclusion (I) nor (II) follows
 - ☐ 3. Only conclusion (I) follows.
 - ☐ 4. Both conclusions (I) and (II) follow

Q.11 In a certain code language, 'GAME' is coded as '8536' and 'MEAN' is coded as '5983'. What is the code for 'N' in that language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 5
 - ☐ 3. 3
 - ☒ 4. 9

Q.12 In a certain code language, 'RENT' is coded as '1957' and 'GRIM' is coded as '2469'. What is the code for 'R' in the given code language?

- Ans**
- ☐ 1. 6
 - ☒ 2. 9
 - ☐ 3. 4
 - ☐ 4. 1

Q.13 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some bulls are rocks. Some rocks are stones.

Conclusions:
(I): Some bulls are stones.
(II): All stones are rocks.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow.
 - ☒ 2. Neither conclusion (I) nor (II) follows.
 - ☐ 3. Only conclusion (I) follows.
 - ☐ 4. Only conclusion (II) follows.

Q.14 What will come in the place of '?' in the following equation, if '+' and '×' are interchanged and '−' and '÷' are interchanged?
 $41 \times 1 + 390 - 10 \div 15 = ?$

- Ans**
- ☐ 1. 75
 - ☐ 2. 73
 - ☐ 3. 55
 - ☒ 4. 65

Q.15 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

14, 42
24, 72

- Ans**
- ☐ 1. 38, 122
 - ☐ 2. 31, 101
 - ☐ 3. 32, 106
 - ☒ 4. 36, 108

Q.16 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some Laptops are computers.
Some computers are desktops.

Conclusions:

(I) Some laptops are desktops.
(II) Some desktops are computers.

- Ans**
- ☒ 1. Only conclusion II follows
 - ☐ 2. Both conclusions I and II follow
 - ☐ 3. Only conclusion I is follows
 - ☐ 4. Neither conclusion I nor II follow

Q.17 P, Q, R, S, T, U and V are sitting around a circular table facing out to the centre (but not necessarily in the same order). P is sitting second to the left of U. R is sitting third to the right of S. S is an immediate neighbour of V. V is sitting to the immediate left of P. T is not an immediate neighbour of U.
How many people are sitting between P and Q when counted from the right of P?

- Ans**
- ☐ 1. Four
 - ☒ 2. Two
 - ☐ 3. Three
 - ☐ 4. One

Q.18 In a certain code language, 'derive the formula' is written as 'le ro da' and 'formula to win' is written as 'ka wb ro'. How will 'formula' be written in the given language?

- Ans**
- ☐ 1. wb
 - ☐ 2. le
 - ☒ 3. ro
 - ☐ 4. da

Q.19 In a certain code,
'pen pencil eraser' is coded as 'dy ph mt',
'pencil box crayon' is coded as 'lp ph st' and
'box pen board' is coded as 'st bq dy'.
All the codes are two-letter codes only.
What is 'board' coded as?

- Ans**
- ☐ 1. lp
 - ☒ 2. bq
 - ☐ 3. dy
 - ☐ 4. st

Q.20 OR 13 is related to RU 11 in a certain way. In the same way, HK 19 is related to KN 17. To which of the following is DG 17 related, following the same logic?

- Ans**
- ☐ 1. JG 15
 - ☐ 2. JK 17
 - ☒ 3. GJ 15
 - ☐ 4. HI 15

Section : **General Awareness**

Q.1 Select the correct order of processes used for water purification in waterworks.
1. Filtration
2. Chlorination
3. Suspended impurity sedimentation
4. Solid impurity sedimentation

- Ans**
- ☐ 1. 4-3-2-1
 - ☐ 2. 2-1-4-3
 - ☒ 3. 4-3-1-2
 - ☐ 4. 1-2-3-4

Q.2 Which of the following is a precious mineral?

- Ans**
- ☐ 1. Mica
 - ☐ 2. Hematite
 - ☒ 3. Platinum
 - ☐ 4. Bauxite

Q.3 Mysore Brothers are known for playing which musical instrument?

- Ans**
- ☐ 1. Mandolin
 - ☐ 2. Flute
 - ☐ 3. Guitar
 - ☒ 4. Violin

Q.4 As per the National Multidimensional Poverty Index 2021, which of the following groups of states is the poorest?

- Ans**
- ☒ 1. Bihar, Uttar Pradesh, Jharkhand
 - ☐ 2. Kerala, Karnataka, Tamil Nadu
 - ☐ 3. Gujarat, Maharashtra, Telangana
 - ☐ 4. Punjab, Himachal Pradesh, Uttarakhand

Q.5 In November 2023, who was appointed as the President-elect of the Federation of Indian Chambers of Commerce and Industry (FICCI)?

- Ans**
- ☐ 1. Suraj Mahindra
 - ☐ 2. N Chandrasekaran
 - ☒ 3. Anish Shah
 - ☐ 4. Adi Godrej

Q.6 What is the name of the scheme launched by the Government of India in 2023 to effectively resolve pending contractual disputes?

- Ans**
- ☐ 1. Vivad se Janadhar I
 - ☒ 2. Vivad se Vishwas II
 - ☐ 3. Vivad se Vishwas I
 - ☐ 4. Vivad se Adhar II

Q.7	Which of the following programmes is taken up by the Government of India for improvement of female literacy rates in India?
Ans	1. Beti Jagaron, Beti Padhao 2. Beti Shikshan, Beti Bachao 3. Beti Sikhao, Beti Padhao 4. Beti Bachao, Beti Padhao
Q.8	Which of the following is observed on the birthday of Dr. Sarvepalli Radhakrishnan?
Ans	1. Constitution Day 2. Teachers' Day 3. Engineers' Day 4. Students' Day
Q.9	In the year of the coronation of Akbar, who among the following was designated as the Wakil of the Mughal kingdom with the title of 'Khan-i-Khanan'?
Ans	1. Abdur Rahim 2. Hakim Mirza 3. Munim Khan 4. Bairam Khan
Q.10	Which of the following is an example of anaerobic activity?
Ans	1. Walking 2. Jumping 3. Swimming 4. Skipping
Q.11	Ravikirti was the court poet of which ruler?
Ans	1. Rajaraja 2. Pulakeshin II 3. Dantidurga 4. Harshavardhana
Q.12	Which edition of the ODI Cricket World Cup was held in India in 2023?
Ans	1. 16th 2. 15th 3. 13th 4. 14th
Q.13	What is the standard length of a cricket pitch?
Ans	1. 20 yards 2. 18 yards 3. 22 yards 4. 24 yards
Q.14	Which financial products are commonly offered by Microfinance Institutions in India?
Ans	1. Savings, credit and insurance services tailored for low-income individuals 2. Exclusive services for high-income individuals 3. Complex investment options 4. Specialised services for multinational corporations
Q.15	Which of the following groups of ports are located on the bank of the Bay of Bengal?
Ans	1. Paradip and New Mangalore 2. Haldia and Paradip 3. Haldia and Kandla 4. Tuticorin and Cochin

Q.16 In which of the places was Arya Samaj founded?

- Ans**
- ☐ 1. Madras
 - ☐ 2. Calcutta
 - ☐ 3. Lahore
 - ☒ 4. Bombay

Q.17 Foods containing fats and carbohydrates are also called _____.

- Ans**
- ☐ 1. body building foods
 - ☒ 2. energy giving foods
 - ☐ 3. roughage
 - ☐ 4. fermented foods

Q.18 Which folk dance has its roots in Maharashtra?

- Ans**
- ☐ 1. Garba
 - ☐ 2. Bihu
 - ☒ 3. Lavani
 - ☐ 4. Dandiya

Q.19 The basic structure of the Indian Constitution stands on the Government of India Act, _____.

- Ans**
- ☒ 1. 1935
 - ☐ 2. 1949
 - ☐ 3. 1950
 - ☐ 4. 1942

Q.20 Which of the following Articles of the Constitution has a provision that 'all executive actions of the Government of India shall be expressed to be taken in the name of the President'?

- Ans**
- ☐ 1. Article 76 (2)
 - ☐ 2. Article 75 (1A)
 - ☐ 3. Article 71 (1)
 - ☒ 4. Article 77 (1)

Q.21 Shuddhi movement was initiated by which of the following organisations?

- Ans**
- ☐ 1. Paramhans Mandali
 - ☒ 2. Arya Samaj
 - ☐ 3. Ramakrishna Mission
 - ☐ 4. Satyashodak Samaj

Q.22 The Kalidas Samman award is presented by which of the following governments?

- Ans**
- ☒ 1. Madhya Pradesh
 - ☐ 2. Tamil Nadu
 - ☐ 3. Manipur
 - ☐ 4. Odisha

Q.23 Which of the following is the oldest dated forts in India, as first mentioned in Alexander the Great's war records, bringing it to the 4th century BCE?

- Ans**
- ☒ 1. Kangra Fort
 - ☐ 2. Kumbhalgarh Fort
 - ☐ 3. Mehrangarh Fort
 - ☐ 4. Gwalior Fort

Q.24 'Waiting for a Visa' is the autobiography of:

- Ans**
- ☐ 1. Jawaharlal Nehru
 - ☐ 2. Vallabhbhai Patel
 - ☒ 3. Bhimrao Ambedkar
 - ☐ 4. Shyama Prasad Mukherjee

Q.25 The Betul, Hoshangabad and Chhindwara districts of Madhya Pradesh is a part of which of the following Biosphere Reserves?

- Ans**
- ☒ 1. Pachmarhi
 - ☐ 2. Manas
 - ☐ 3. Agasthyamalai
 - ☐ 4. Seshachalam

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to fill in the blanks.
I bought a _____ but it is _____.

- Ans**
- ☐ 1. cane; cain
 - ☒ 2. chip; cheap
 - ☐ 3. cheap; chip
 - ☐ 4. cain; cane

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The happy and cheerful girls / is always running towards / the ice cream cart in / front of the garden.

- Ans**
- ☐ 1. the happy and cheerful girls
 - ☐ 2. the ice cream cart in
 - ☒ 3. is always running towards
 - ☐ 4. front of the garden

Q.3 Select the grammatically correct sentence..

- Ans**
- ☐ 1. Rukmini put a book on an table and sat down.
 - ☐ 2. Rukmini put the book on an table and sat down.
 - ☐ 3. Rukmini put an book on the table and sat down.
 - ☒ 4. Rukmini put the book on the table and sat down.

Q.4 Select the most appropriate option to fill in the blank.

The concert was _____ due to the bad weather.

- Ans**
- ☐ 1. commenced
 - ☒ 2. cancelled
 - ☐ 3. celebrated
 - ☐ 4. continued

Q.5 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Ceremony
 - ☐ 2. Disappointment
 - ☒ 3. Beginer
 - ☐ 4. Prescription

Q.6 Identify the error in the given sentence.
Ajit got to work earliest than everyone else today.

- Ans**
- ☐ 1. today
 - ☐ 2. Ajit got to work
 - ☐ 3. everyone else
 - ☒ 4. earliest than

Q.7 Select the most appropriate form of comparative degree that can substitute the underlined segment in the given sentence.

Rohit Sharma is better than more other batsman in the world.

- Ans**
- ☐ 1. as good as the most other batsmen
 - ☐ 2. the best batsmen
 - ☒ 3. better than most other batsmen
 - ☐ 4. better batsmen

Q.8 Select the option that can be used as a one-word substitute for the given group of words.

The analysis of a person's handwriting to determine his/her personality

- Ans**
- ☒ 1. Graphology
 - ☐ 2. Calligraphy
 - ☐ 3. Philology
 - ☐ 4. Numismatics

Q.9 Select the most appropriate option that can substitute the underlined words in the given sentence.

Losing my job turned out to be an unexpected benefit because it pushed me to start my own business, which has been more successful than I ever imagined.

- Ans**
- ☒ 1. a blessing in disguise
 - ☐ 2. a diamond in rough
 - ☐ 3. a golden opportunity
 - ☐ 4. a mixed blessing

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

The branch of geography that studies mountains and their formation

- Ans**
- ☐ 1. Palaeography
 - ☐ 2. Orthography
 - ☐ 3. Mythography
 - ☒ 4. Orography

Q.11 Select the grammatically correct sentence.

- Ans**
- ☐ 1. Rahul is very naughty as he is the most young sibling among Rama's three brothers.
 - ☐ 2. Rahul is very naughty as he is the youngest sibling between Rama's three brothers.
 - ☒ 3. Rahul is very naughty as he is the youngest sibling among Rama's three brothers.
 - ☐ 4. Rahul is very naughty as he is the most young sibling between Rama's three brothers.

Q.12 Select the most appropriate synonym of the given word.
Antique

- Ans**
- ☐ 1. Modern
 - ☒ 2. Ancient
 - ☐ 3. Novel
 - ☐ 4. Young

Q.13 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Anupama was a very industrious child and submitted all her assignments on time.

- Ans**
- ☐ 1. intense
 - ☐ 2. laborious
 - ☒ 3. lazy
 - ☐ 4. industrial

Q.14 Select the INCORRECTLY spelt word..

- Ans**
- ☐ 1. Music
 - ☐ 2. Shadow
 - ☒ 3. Scari
 - ☐ 4. Reflect

Q.15 Identify the INCORRECTLY spelt word in the given sentence.
Are you sure that you can't even write a single sentnce properly?

- Ans**
- ☐ 1. write
 - ☐ 2. single
 - ☒ 3. sentnce
 - ☐ 4. properly

Q.16 Select the most appropriate idiom to replace the underlined segment.
He thinks his new plan will undoubtedly produce the desired result.

- Ans**
- ☒ 1. go pear-shaped
 - ☒ 2. sour grapes
 - ☒ 3. bear fruit
 - ☒ 4. go suck a lemon

Q.17 Select the most appropriate synonym of the word given in brackets to fill in the blank.

Many orthodox people have a ____ (hostile) attitude towards the idea of women getting educated and employed.

- Ans**
- ☒ 1. belligerent
 - ☒ 2. elaborate
 - ☒ 3. friendly
 - ☒ 4. meticulous

Q.18 Select the most appropriate ANTONYM of the underlined word in the given sentence.
He was very inquisitive and wanted to know each and every detail.

- Ans**
- ☒ 1. Indifferent
 - ☒ 2. Intelligent
 - ☒ 3. Uncanny
 - ☒ 4. Indeterminate

Q.19 Select the most appropriate option to fill in the blank.

The students were _____ for their hard work with certificates and praise.

- Ans**
- ☒ 1. reprimanded
 - ☒ 2. penalised
 - ☒ 3. punished
 - ☒ 4. rewarded

Q.20 Select the most appropriate form of comparative degree that can substitute the underlined segment in the given sentence.

Maheshwari is three years junior than me.

- Ans**
- ☒ 1. junior than that of me
 - ☒ 2. junior than any other to me
 - ☒ 3. more junior than me
 - ☒ 4. junior to me

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The computer can become a threat to man. It can (1)_____ his survival and privacy. It also offers excellent encouragement for unethical or criminal activities. It can (2)_____ the unemployment problem as employers prefer the computer and the 'computer- controlled robots' to humans for obvious reasons. The information storage facility the computer provides has (3)_____ to collection of personal information about individuals and storage of this information in data banks by several employing agencies. If care is not exercised (4)_____ data gathering, data integrity may suffer. That is, questionable or imperfect methods may be employed; as a result, incorrect or incomplete data may be stored, and this (5)_____ become a permanent source and used for any given purpose.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. endanger
 - ☒ 2. protect
 - ☒ 3. encourage
 - ☒ 4. tranformative

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The computer can become a threat to man. It can (1)_____ his survival and privacy. It also offers excellent encouragement for unethical or criminal activities. It can (2)_____ the unemployment problem as employers prefer the computer and the 'computer- controlled robots' to humans for obvious reasons. The information storage facility the computer provides has (3)_____ to collection of personal information about individuals and storage of this information in data banks by several employing agencies. If care is not exercised (4)_____ data gathering, data integrity may suffer. That is, questionable or imperfect methods may be employed; as a result, incorrect or incomplete data may be stored, and this (5)_____ become a permanent source and used for any given purpose.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans  1. worsen
  2. improve
  3. control
  4. beat

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The computer can become a threat to man. It can (1)_____ his survival and privacy. It also offers excellent encouragement for unethical or criminal activities. It can (2)_____ the unemployment problem as employers prefer the computer and the 'computer- controlled robots' to humans for obvious reasons. The information storage facility the computer provides has (3)_____ to collection of personal information about individuals and storage of this information in data banks by several employing agencies. If care is not exercised (4)_____ data gathering, data integrity may suffer. That is, questionable or imperfect methods may be employed; as a result, incorrect or incomplete data may be stored, and this (5)_____ become a permanent source and used for any given purpose.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans  1. stored
  2. involved
  3. led
  4. experienced

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The computer can become a threat to man. It can (1)_____ his survival and privacy. It also offers excellent encouragement for unethical or criminal activities. It can (2)_____ the unemployment problem as employers prefer the computer and the 'computer- controlled robots' to humans for obvious reasons. The information storage facility the computer provides has (3)_____ to collection of personal information about individuals and storage of this information in data banks by several employing agencies. If care is not exercised (4)_____ data gathering, data integrity may suffer. That is, questionable or imperfect methods may be employed; as a result, incorrect or incomplete data may be stored, and this (5)_____ become a permanent source and used for any given purpose.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans  1. unless
  2. when
  3. by
  4. during

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The computer can become a threat to man. It can (1)_____ his survival and privacy. It also offers excellent encouragement for unethical or criminal activities. It can (2)_____ the unemployment problem as employers prefer the computer and the 'computer- controlled robots' to humans for obvious reasons. The information storage facility the computer provides has (3)_____ to collection of personal information about individuals and storage of this information in data banks by several employing agencies. If care is not exercised (4)_____ data gathering, data integrity may suffer. That is, questionable or imperfect methods may be employed; as a result, incorrect or incomplete data may be stored, and this (5)_____ become a permanent source and used for any given purpose.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☒ 1. may
 - ☐ 2. must
 - ☐ 3. should
 - ☐ 4. have to

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	18/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 By selling 120 note books, a shopkeeper gains the selling price of 40 note books. Find his gain percentage.

- Ans
- ☐ 1. 90%
 - ☐ 2. 25%
 - ☐ 3. 75%
 - ☒ 4. 50%

Q.2 How many seconds will a boy take to run one complete round around a square field of side 38 metres, if he runs at a speed of 6 km/h?

- Ans
- ☐ 1. 71.2
 - ☐ 2. 50.1
 - ☐ 3. 61.2
 - ☒ 4. 91.2

Q.3 A tradesman marks his goods at 45% above the cost price but allows a discount of 20% at the time of sale. His gain is:

- Ans
- ☐ 1. 25%
 - ☐ 2. 17%
 - ☐ 3. 26%
 - ☒ 4. 16%

Q.4 Find the surface area of a spherical vessel of diameter 42 cm. (Use $\pi = \frac{22}{7}$.)

- Ans
- ☐ 1. 5524 cm²
 - ☐ 2. 5514 cm²
 - ☒ 3. 5544 cm²
 - ☐ 4. 5540 cm²

Q.5 In what ratio must tea at ₹82/kg be mixed with tea at ₹92/kg so that the mixture be worth ₹84.50/kg?

- Ans
- ☐ 1. 3 : 2
 - ☒ 2. 3 : 1
 - ☐ 3. 2 : 3
 - ☐ 4. 2 : 1

- Q.6 The given table shows the number of units manufactured (M), and the number of units sold (S) (in thousand) by three different companies over the years.

Year	X		Y		Z	
	M	S	M	S	M	S
2017	16.5	11.2	19.6	11.3	13.9	12.0
2018	15.6	12.9	13.2	10.1	15.5	13.6
2019	12.8	10.5	12.1	11.2	17.4	12.2

What is the average number of units manufactured by company Z over all the years together?

- Ans
- ☐ 1. 15,400
 - ☐ 2. 16,100
 - ☒ 3. 15,600
 - ☐ 4. 16,300

- Q.7 Find the HCF of:

$$3^3 \times 11^2, 2^4 \times 3^2 \times 5^3 \times 11^3 \text{ and } 3 \times 5 \times 7 \times 11$$

- Ans
- ☐ 1. 385
 - ☒ 2. 33
 - ☐ 3. 165
 - ☐ 4. 1815

- Q.8 A person walks along a rectangular field, whose dimensions are 6 km long and 3 km wide. For the first 1 hour, he walks at a speed of 2 km/hr. After 1 hour, he increases his speed to 4 km/hr. Next 1 hour, his speed is decreased to 2 km/hr. For the next 1 hour, he increases his speed to 4 km/hr. Find his average speed (in km/hr).

- Ans
- ☐ 1. 5
 - ☒ 2. 3
 - ☐ 3. 4
 - ☐ 4. 2

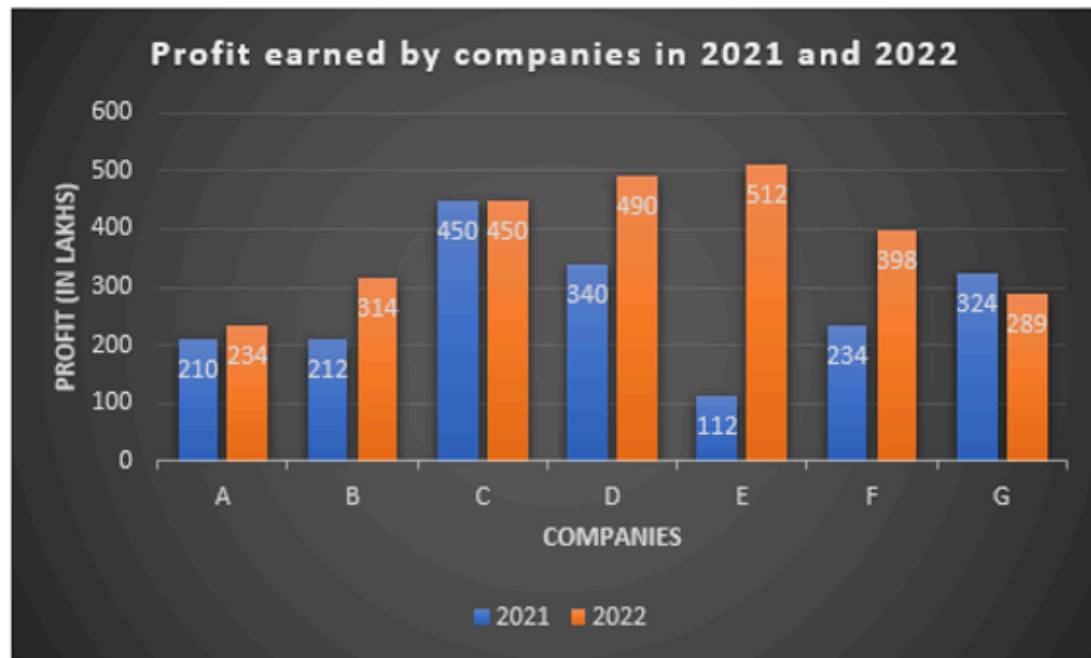
- Q.9 The population of a village is increased by 3%. Had there been 122 less, there would have been a decrease of 1%. Find the original population.

- Ans
- ☐ 1. 3550
 - ☐ 2. 3000
 - ☐ 3. 3555
 - ☒ 4. 3050

- Q.10 Eight persons went to a restaurant for lunch. Seven of them spent ₹80 each on their meals, while the eighth person spent ₹70 more than the average expenditure of all eight persons. What was the total amount spent by all the individuals?

- Ans
- ☐ 1. ₹640
 - ☐ 2. ₹780
 - ☒ 3. ₹720
 - ☐ 4. ₹560

- Q.11 The following bar graph shows the monthly profits (in lakhs ₹) of the different companies in the year 2021 and 2022. Study the diagram and answer the following question.



What is the ratio of the average profit earned by companies A, B, C and D in the year 2021 to the average profit earned by the companies C, D, E and F in the year 2022?

- Ans ☒ 1. 606 : 925
☐ 2. 892 : 731
☐ 3. 925 : 605
☐ 4. 995 : 761

- Q.12 The simple interest on a certain deposit at 5.5% per annum is ₹264 in one year. How much additional interest will be earned in one year on the same deposit at 6.5% per annum?

- Ans ☐ 1. ₹47.5
☒ 2. ₹48
☐ 3. ₹46.5
☐ 4. ₹49

- Q.13 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 5% per year rate of interest for 5 years.

- Ans ☒ 1. 750
☐ 2. 710
☐ 3. 690
☐ 4. 790

- Q.14 What is the average of the first 40 natural numbers?

- Ans ☒ 1. 20.5
☐ 2. 50.5
☐ 3. 40.5
☐ 4. 10.5

Q.15 A sum of ₹2,244 is divided between P and Q. If $Q = \frac{7}{11}(Q + P)$, then share of Q is equal to:

- Ans
- ☐ 1. ₹1,438
 - ☐ 2. ₹1,444
 - ☒ 3. ₹1,428
 - ☐ 4. ₹1,432

Q.16 Aravind purchased a book for Rs.450 and sold it for Rs.500. What is the profit percentage?

- Ans
- ☐ 1. $11\frac{1}{7}\%$
 - ☐ 2. $13\frac{1}{7}\%$
 - ☐ 3. $13\frac{1}{9}\%$
 - ☒ 4. $11\frac{1}{9}\%$

Q.17 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 9% per year rate of interest for 3 years.

- Ans
- ☐ 1. 635
 - ☐ 2. 715
 - ☐ 3. 615
 - ☒ 4. 675

Q.18 Three different types of pulses costing ₹180, ₹240 and ₹200 per kg, respectively, are mixed in the ratio 1 : 5 : 4. What will be the cost for 1 kg of the mixture?

- Ans
- ☐ 1. ₹200
 - ☒ 2. ₹218
 - ☐ 3. ₹240
 - ☐ 4. ₹206

Q.19 A solid sphere of iron having radius 15 cm is to be melted and recast in the shape of a cylindrical pipe having internal and external radii 4 cm and 6 cm, respectively. Find the length (in m) of the pipe thus formed.

- Ans
- ☐ 1. 2.15
 - ☐ 2. 2.35
 - ☐ 3. 2.45
 - ☒ 4. 2.25

Q.20 A conical tent is to be made with canvas having radius 7 units and height 4 units.

How much canvas (in square units) will be required to make the tent (take $\pi = \frac{22}{7}$)?

- Ans
- ☒ 1. $22\sqrt{65}$
 - ☐ 2. $11\sqrt{65}$
 - ☐ 3. $33\sqrt{65}$
 - ☐ 4. $44\sqrt{65}$

Q.1 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(444, 74, 6)
(666, 37, 18)

- Ans  1. (80, 17, 8)
 2. (96, 17, 8)
 3. (256, 32, 8)
 4. (80, 11, 8)

Q.2 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

B	E	T	□	I	E	V	T	B	E	□	T	
	□	V		B	T		E	I		V	B	?
I			V			□			I			

Ans

 1.

I	B	V
	T	□
E		

 2.

I	V	□
	B	T
E		

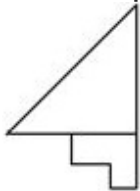
 3.

T	E	□
	I	V
B		

 4.

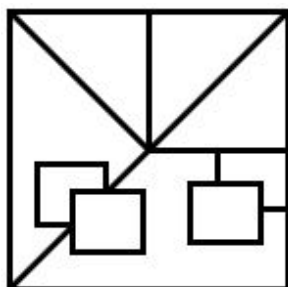
I	T	B
	□	V
E		

Q.3 Select the option in which the given figure is embedded (rotation is NOT allowed).

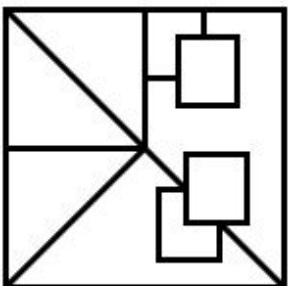


Ans

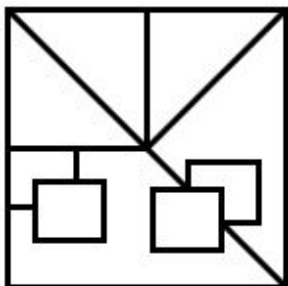
✓ 1.



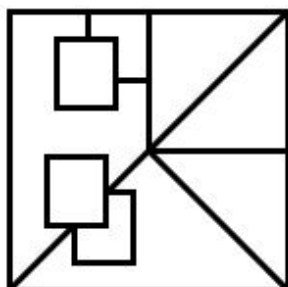
✗ 2.



✗ 3.



✗ 4.



Q.4 What should come in place of the question mark (?) in the following series?

11, 18, 25, 32, 39, ?

- Ans
- ✗ 1. 78
 - ✗ 2. 81
 - ✓ 3. 46
 - ✗ 4. 90

Q.5 In a certain code language, 'FISH' is coded as '4268' and 'RATS' is coded as '2357'.What is the code for 'S' in that language?

- Ans
- ✗ 1. 6
 - ✓ 2. 2
 - ✗ 3. 5
 - ✗ 4. 7

Q.6 Six people A, B, C, D, E and F are sitting around a circular table, facing the centre (but not necessarily in the same order). F is sitting second to right of D. C is sitting third to left of F. B is sitting to the immediate right of D. A is not an immediate neighbour of C. How many people are sitting between E and B when counted from right of E?

- Ans**
- ☐ 1. 1
 - ☐ 2. 4
 - ☐ 3. 3
 - ☒ 4. 2

Q.7 In a certain code language, 'FINE' is coded as '9632' and 'LINE' is coded as '2946'. What is the code for 'F' in that language?

- Ans**
- ☐ 1. 2
 - ☒ 2. 3
 - ☐ 3. 6
 - ☐ 4. 9

Q.8 In this question, two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follows/follow from the statements.

Statements: All cows are goats. Some goats are lions.

Conclusions:

I. All lions are goats.

II. Some cows are lions.

- Ans**
- ☒ 1. Neither Conclusion I nor II follow.
 - ☐ 2. Only Conclusion I follows.
 - ☐ 3. Both Conclusions I and II follow.
 - ☐ 4. Only Conclusion II follows.

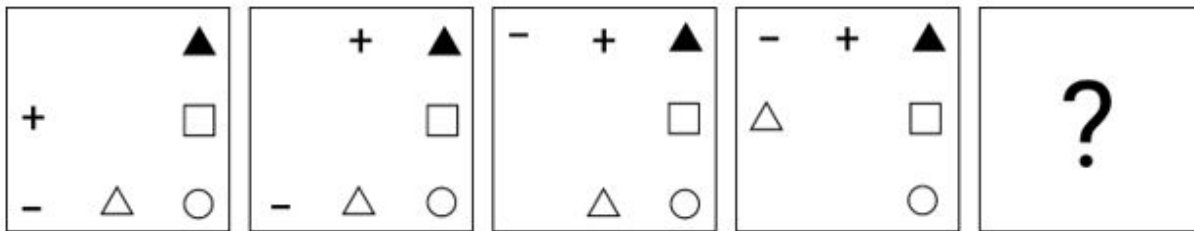
Q.9 In a certain code language, 'Try to act' is coded as 'ZX MN HO' and 'act your age' is coded as 'CO MB ZX'. How is 'act' coded in that code language?

- Ans**
- ☒ 1. ZX
 - ☐ 2. HO
 - ☐ 3. MB
 - ☐ 4. CO

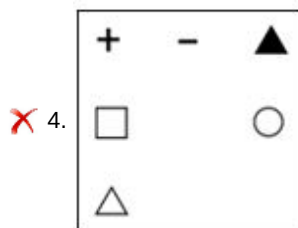
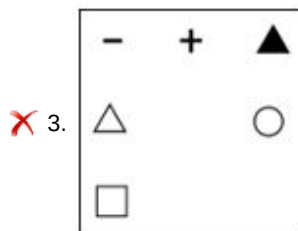
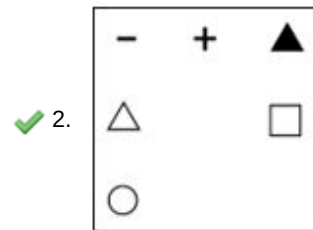
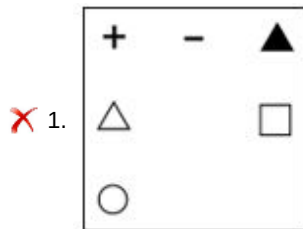
Q.10 NQRP is related to TWXV in a certain way based on the English alphabetical order. In the same way, EHIG is related to KNOM. To which of the following is LOPN related, following the same logic?

- Ans**
- ☒ 1. RUVT
 - ☐ 2. RTVU
 - ☐ 3. TVUR
 - ☐ 4. RUTV

Q.11 Identify the figure given in the options which when put in place of ? will logically complete the series.



Ans



Q.12 What should come in place of the question mark(?) in the given series based on the English alphabetical order?

ABA, BDB, CFC, DHD, ?

- Ans
- ✗ 1. GJG
 - ✓ 2. EJE
 - ✗ 3. EKE
 - ✗ 4. GJE

Q.13 GN76 is related to UB53 in a certain way. In the same way, KR34 is related to YF11. To which of the following is OV98 related, following the same logic?

- Ans
- ✗ 1. JC68
 - ✗ 2. JC88
 - ✓ 3. CJ75
 - ✗ 4. CJ78

Q.14 Which two numbers should be interchanged to make the following equation correct?

$$12 \times 2 - 6 \times 7 + 3 \times 5 \times 4 + 10 = 46$$

(Note: Interchange should be done of the entire number and not individual digits of a given number.)

- Ans
- ✗ 1. 3 and 6
 - ✗ 2. 7 and 5
 - ✓ 3. 2 and 4
 - ✗ 4. 12 and 10

Q.15 46 is related to 414 following a certain logic. Following the same logic, 52 is related to 468. To which of the following is 67 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 603
 - ☐ 2. 658
 - ☐ 3. 624
 - ☐ 4. 633

Q.16 Six people—A, B, C, D, E, and F—are sitting around a circular table, facing the centre (but not necessarily in the same order). A is an immediate neighbour of both E and C. B is an immediate neighbour of both D and C. F is to the immediate right of D. Who among the following is an immediate neighbour of both F and A?

- Ans**
- ☐ 1. B
 - ☐ 2. D
 - ☒ 3. E
 - ☐ 4. C

Q.17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All horses are donkeys.

All donkeys are mules.

Conclusions:

(I) All donkeys are horses.

(II) Some mules are donkeys.

- Ans**
- ☐ 1. Both conclusion I and II follow
 - ☐ 2. Neither conclusion I nor II follows
 - ☒ 3. Only conclusion II follows
 - ☐ 4. Only conclusion I follows

Q.18 Which two numbers should be interchanged to make the given equation correct?

$$7 \times 4 - 8 \times 2 + 3 \times 14 \times 5 - 9 = 133$$

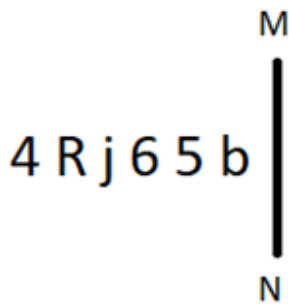
(Note: Interchange should be done of entire number and not individual digits of a given number)

- Ans**
- ☒ 1. 14 and 9
 - ☐ 2. 2 and 4
 - ☐ 3. 9 and 8
 - ☐ 4. 7 and 14

Q.19 In a certain code language, 'cake is delicious' is written as 'kg fv bu' and 'you like cake' is coded as 'bu wl ma'. How is 'cake' coded in the given language?

- Ans**
- ☐ 1. kg
 - ☒ 2. bu
 - ☐ 3. ma
 - ☐ 4. fv

Q.20 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

- ✓ 1. d ɹ ɐ j ɹ ʌ
- ✗ 2. d ɹ ɐ j ɹ ʌ
- ✗ 3. 5 b ɐ j ɹ ʌ
- ✗ 4. q ɹ 6 j ɹ ʌ

Section : **General Awareness**

Q.1 Divergent plate boundary is a boundary that occurs between two tectonic plates:

- Ans ✓ 1. that are moving away from one another
- ✗ 2. where one plate slides beneath the other
- ✗ 3. that are sliding horizontally past each other
- ✗ 4. that are moving towards one another

Q.2 Who discovered the Bharhut stupa?

- Ans ✗ 1. James Fergusson
- ✓ 2. Alexander Cunningham
- ✗ 3. James Tod
- ✗ 4. James Burgess

Q.3 Which of the following is NOT an iron-ore producing belt of India?

- Ans ✗ 1. Odisha-Jharkhand belt
- ✗ 2. Durg-Bastar-Chandrapur belt
- ✓ 3. Bilaspur-Panipat belt
- ✗ 4. Maharashtra-Goa belt

Q.4 By which of the following Amendments was the right to property removed from Part III of the Indian Constitution?

- Ans ✗ 1. 70th Amendment
- ✗ 2. 64th Amendment
- ✗ 3. 50th Amendment
- ✓ 4. 44th Amendment

Q.5 Which of the following pacts suspended the Civil Disobedience Movement?

- Ans ✗ 1. Liaquat–Nehru Pact
- ✗ 2. Sirima–Gandhi Pact
- ✗ 3. Rajah-Moonje Pact
- ✓ 4. Gandhi-Irwin Pact

Q.6 Hareli festival is celebrated in which of the following states?

- Ans**
- ☐ 1. Karnataka
 - ☒ 2. Chhattisgarh
 - ☐ 3. Maharashtra
 - ☐ 4. Manipur

Q.7 Which percussionist from Maharashtra received Padma Vibhushan 2023?

- Ans**
- ☐ 1. Yogesh Samsi
 - ☐ 2. Swapan Chaudhuri
 - ☐ 3. Nayan Ghosh
 - ☒ 4. Zakir Hussain

Q.8 Kamalini Asthana is associated with which of the following dance forms?

- Ans**
- ☐ 1. Manipuri
 - ☐ 2. Mohiniattam
 - ☒ 3. Kathak
 - ☐ 4. Odissi

Q.9 In May 2023, which Chief Minister was honoured with the Bharat Ratna Dr. Ambedkar award for creating a fear-free state?

- Ans**
- ☒ 1. Yogi Adityanath
 - ☐ 2. Mamata Banerjee
 - ☐ 3. Ashok Gehlot
 - ☐ 4. Arvind Kejriwal

Q.10 Which Article of the Constitution of India states that the Parliament consists of the President of India and the two Houses of Parliament known as Council of States (Rajya Sabha) and House of the People (Lok Sabha)?

- Ans**
- ☐ 1. Article 73
 - ☐ 2. Article 62
 - ☒ 3. Article 79
 - ☐ 4. Article 67

Q.11 Which of the following was the capital of the Pallava Dynasty?

- Ans**
- ☐ 1. Badami
 - ☒ 2. Kanchipuram
 - ☐ 3. Madurai
 - ☐ 4. Aihole

Q.12 Which state has the highest population in India as per the projected data of 2024?

- Ans**
- ☐ 1. Kerala
 - ☐ 2. Bihar
 - ☒ 3. Uttar Pradesh
 - ☐ 4. Rajasthan

Q.13 Which of the following statements about pteridophytes are correct?

Statements:

- A. They include horsetails and ferns.
- B. Pteridophytes are used for medicinal purposes and as soil-binders.
- C. They are very advanced type of plants on earth, which evolved very recently.
- D. Evolutionarily, they are the first terrestrial plants to possess vascular tissues – xylem and phloem.

- Ans**
- ☒ 1. Only A, B and D
 - ☐ 2. Only C and D
 - ☐ 3. Only A and C
 - ☐ 4. Only A, B and C

Q.14 Which of the following is referred to as 'Near Money'?

- Ans**
- ☒ 1. National savings deposits
 - ☐ 2. Coins
 - ☐ 3. Bank money
 - ☐ 4. Currency notes

Q.15 The founders of Vijayanagar empire, Harihara and Bukka Raya were the ministers of:

- Ans**
- ☐ 1. Kadamba
 - ☐ 2. Western Chalukya
 - ☐ 3. Eastern Ganga
 - ☒ 4. Kampili

Q.16 Bokaro, Burnpur, Rourkela, etc., are famous for development of which of the following industries?

- Ans**
- ☐ 1. Dairy
 - ☐ 2. Software
 - ☐ 3. Automobile
 - ☒ 4. Iron and Steel

Q.17 Which of the following statements with reference to Padma Subrahmanyam is/are correct?

- 1) Padma Subrahmanyam is a famous Bharatanatyam dancer.
2) She received the Padma Shri and Padma Bhushan awards.
3) She was also honoured with the Sangeet Natak Akademi Award for Dance.

- Ans**
- ☐ 1. Only 2 and 3
 - ☐ 2. Only 1 and 3
 - ☐ 3. Only 1 and 2
 - ☒ 4. 1, 2, and 3

Q.18 What is the chemical formula for potassium permanganate?

- Ans**
- ☐ 1. K_3MnO_4
 - ☒ 2. $KMnO_4$
 - ☐ 3. K_2MnO_3
 - ☐ 4. KMn_2O_7

Q.19 In July 2023, the District Rural Development Agency (DRDA) in Tirupathur district, Tamil Nadu, achieved a monumental achievement by constructing 1546 farm ponds in just 30 days, setting a new world record. This remarkable initiative was carried out under which government scheme?

- Ans**
- ☐ 1. Mission Amrit Sarovar
 - ☒ 2. Mahatma Gandhi National Rural Employment Guarantee Scheme
 - ☐ 3. Pradhan Mantri Krishi Sinchayee Yojna
 - ☐ 4. Jal Jeevan Mission

Q.20 Which of the following is an autobiography of Abul Kalam Azad, the first education minister of India?

- Ans**
- ☐ 1. My Country My Life
 - ☐ 2. Long Walk to Freedom
 - ☐ 3. The Story of My Experiments with Truth
 - ☒ 4. India Wins Freedom

Q.21 Ortho-sulphobenzimide is one of the artificial sweeteners. It is also known as _____.

- Ans**
- ☐ 1. alitame
 - ☐ 2. aspartame
 - ☐ 3. sucralose
 - ☒ 4. saccharin

Q.22 Identify the group of states that is a part of Garib Kalyan Rojgar Abhiyaan (As of June 2022).

- Ans**
- ☐ 1. Haryana and Punjab
 - ☐ 2. Tamil Nadu and Chhattisgarh
 - ☒ 3. Uttar Pradesh and Jharkhand
 - ☐ 4. Assam and West Bengal

Q.23 Who among the following formed a group of non-violent revolutionaries, the Khudai Khidmatgars (known as Red Shirts)?

- Ans**
- ☐ 1. Abbas Tayabji
 - ☐ 2. Jawaharlal Nehru
 - ☒ 3. Khan Abdul Gaffar Khan
 - ☐ 4. Chakravarti Rajagopalachari

Q.24 ICC Women's T-20 Cricket World Cup is a/an _____ event.

- Ans**
- ☐ 1. triennial
 - ☒ 2. biennial
 - ☐ 3. quarterly
 - ☐ 4. annual

Q.25 Which edition of the Santosh Trophy event did Karnataka win in the 2022-23 season?

- Ans**
- ☐ 1. 75th
 - ☒ 2. 76th
 - ☐ 3. 73rd
 - ☐ 4. 78th

Section : **English Language and Comprehension**

Q.1 Select the most appropriate ANTONYM for the underlined word.

My teacher is very diligent.

- Ans**
- ☐ 1. Kind
 - ☐ 2. Hardworking
 - ☐ 3. Skilful
 - ☒ 4. Idle

Q.2 Select the sentence that has a grammatical error.

- Ans**
- ☐ 1. They play chess together on weekends.
 - ☐ 2. She usually walks her dog in the park every morning.
 - ☐ 3. The train leaves the station at 8:00 a.m. every day.
 - ☒ 4. He don't like spicy food.

Q.3 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Connoisseur
 - ☐ 2. Camouflage
 - ☒ 3. Perseverence
 - ☐ 4. Exaggerate

**Q.4 Parts of the following sentence have been given as options. Select the option that contains an error.
When I was studying Economics in Delhi University, Ritu was senior than me.**

- Ans**
- ☒ 1. senior than me
 - ☐ 2. When I was studying Economics
 - ☐ 3. Ritu was
 - ☐ 4. in Delhi University

Q.5 Select the INCORRECTLY spelt word..

- Ans**
- ☐ 1. Synopsis
 - ☐ 2. Obliterate
 - ☐ 3. Pursuit
 - ☒ 4. Occassionaly

Q.6 Select the most appropriate synonym of the given word.
Abundant

- Ans**
- ☒ 1. Ample
 - ☐ 2. Rare
 - ☐ 3. Skimpy
 - ☐ 4. Elusive

Q.7 Select the option that changes the degree of comparison in the given sentence from superlative to positive without changing the meaning of the sentence.

Kalpana Ahuja is the tallest girl in the colony.

- Ans**
- ☒ 1. No other girl in the colony is as tall as Kalpana Ahuja.
 - ☐ 2. No other girl in the colony is as taller as Kalpana Ahuja.
 - ☐ 3. Kalpana Ahuja is as tallest as other girls of the colony.
 - ☐ 4. Many girls in the colony are taller than Kalpana Ahuja.

Q.8 Select the most appropriate synonym of the given word.
Congenial

- Ans**
- ☒ 1. Pleasant
 - ☐ 2. Ignorant
 - ☐ 3. Trivial
 - ☐ 4. Ethical

Q.9 Select the correct spelling of the underlined word in the given sentence.

Scince explores and explains the natural world through observation and experimentation.

- Ans**
- ☐ 1. sceince
 - ☐ 2. scinece
 - ☒ 3. science
 - ☐ 4. sience

Q.10 Select the most appropriate option to fill in the blank.
Gandhi's ways of life, if followed in their entirety, will aid us in the creation of a society of peace and _____.

- Ans**
- ☒ 1. harmony
 - ☐ 2. cacophony
 - ☐ 3. agitation
 - ☐ 4. discord

Q.11 Based on the context of the given sentence, select the most appropriate idiom to fill in the blank.

After spending hours working non-stop on the project, the team decided to _____ and go home.

- Ans**
- ☐ 1. take it easy
 - ☐ 2. run out of steam
 - ☒ 3. call it a day
 - ☐ 4. hit the books

Q.12 Select the most appropriate option to fill in the blank.

The company's success is attributed to its _____ business strategies.

- Ans**
- ☐ 1. downtrodden
 - ☒ 2. innovative
 - ☐ 3. worst
 - ☐ 4. mundane

Q.13 Select the option that will improve the underlined part of the given sentence.

Swati came here with the intent of insulting me.

- Ans**
- ☒ 1. for insulting me
 - ☒ 2. to insult me
 - ☒ 3. off insulting me
 - ☒ 4. from insulting me

Q.14 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

It is a fact that / girls' hair is usually / long than the boys' hair.

- Ans**
- ☒ 1. It is a fact that
 - ☒ 2. long than the boys' hair
 - ☒ 3. girls' hair is usually
 - ☒ 4. No error

Q.15 Select the most appropriate option to fill in the blank.
Don't be such an _____; we have plenty of time to complete the task.

- Ans**
- ☒ 1. eager beaver
 - ☒ 2. easy money
 - ☒ 3. eat crow
 - ☒ 4. elephant in the room

Q.16 Select the most appropriate form of comparative degree that can substitute the underlined segment in the given sentence.

Neha's house is far from the city than everyone else's.

- Ans**
- ☒ 1. further from the city than
 - ☒ 2. farther from the city than
 - ☒ 3. far from the city to
 - ☒ 4. more far from the city to

Q.17 Select the most appropriate option to fill in the blanks.

Chocolate can be _____ without milk; mix cocoa butter, sugar and a puree of fermented, roasted cocoa beans, and you _____ a perfectly respectable dark chocolate.

- Ans**
- ☒ 1. making; have
 - ☒ 2. made; have
 - ☒ 3. made; has
 - ☒ 4. make; have

Q.18 Change the following sentence into positive degree.
Ramesh is not stronger than Mahesh.

- Ans**
- ☒ 1. Mahesh is as strong as Ramesh.
 - ☒ 2. Mahesh is stronger than Ramesh.
 - ☒ 3. Ramesh is as strong than Mahesh.
 - ☒ 4. Mahesh is strongest than Ramesh.

Q.19 Select the most appropriate ANTONYM of the given word.

Elevation

- Ans**
- ☒ 1. Creation
 - ☒ 2. Presentation
 - ☒ 3. Promotion
 - ☒ 4. Demotion

Q.20 Select the most appropriate synonym of the word given in brackets to fill in the blank.

In an _____ (endeavour) to improve the environment of their society, they planted many trees surrounding the parking area.

- Ans**
- ☒ 1. aim
 - ☐ 2. axiom
 - ☐ 3. ecstasy
 - ☐ 4. epitome

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

That was a jolly story _____1_____ Arthur Ransome told the other day in one of his messages from Petrograd, a place in Russia. A stout old lady was walking __2__ her basket down the middle of a street to the _____3_____ confusion of the traffic and with no small peril to herself. It was pointed _____4_____ to her that the _____5_____ was the place for the foot passengers, but she replied, "I'm going to walk where I like. We've got liberty now."

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. which
 - ☐ 2. form
 - ☐ 3. about
 - ☐ 4. off

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

That was a jolly story _____1_____ Arthur Ransome told the other day in one of his messages from Petrograd, a place in Russia. A stout old lady was walking __2__ her basket down the middle of a street to the _____3_____ confusion of the traffic and with no small peril to herself. It was pointed _____4_____ to her that the _____5_____ was the place for the foot passengers, but she replied, "I'm going to walk where I like. We've got liberty now."

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☐ 1. in
 - ☐ 2. beside
 - ☒ 3. with
 - ☐ 4. at

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

That was a jolly story _____1_____ Arthur Ransome told the other day in one of his messages from Petrograd, a place in Russia. A stout old lady was walking __2__ her basket down the middle of a street to the _____3_____ confusion of the traffic and with no small peril to herself. It was pointed _____4_____ to her that the _____5_____ was the place for the foot passengers, but she replied, "I'm going to walk where I like. We've got liberty now."

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. garret
 - ☒ 2. great
 - ☐ 3. greet
 - ☐ 4. grate

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

That was a jolly story _____1_____ Arthur Ransome told the other day in one of his messages from Petrograd, a place in Russia. A stout old lady was walking ___2___ her basket down the middle of a street to the _____3_____ confusion of the traffic and with no small peril to herself. It was pointed _____4_____ to her that the _____5_____ was the place for the foot passengers, but she replied, "I'm going to walk where I like. We've got liberty now."

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
-  1. so
 -  2. out
 -  3. by
 -  4. in

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

That was a jolly story _____1_____ Arthur Ransome told the other day in one of his messages from Petrograd, a place in Russia. A stout old lady was walking ___2___ her basket down the middle of a street to the _____3_____ confusion of the traffic and with no small peril to herself. It was pointed _____4_____ to her that the _____5_____ was the place for the foot passengers, but she replied, "I'm going to walk where I like. We've got liberty now."

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. bay
 -  2. pavement
 -  3. market
 -  4. road

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	21/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 4% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 600
 - ☒ 2. 560
 - ☐ 3. 500
 - ☐ 4. 520

Q.2 b is the sum of two quantities, one of which varies inversely as the square of a^2 , and the other of which varies directly as a. Identify the relationship between a and b if $b = 49$ when $a = 3$ or 5.

- Ans**
- ☒ 1. $b = 8a + 225/a^2$
 - ☐ 2. $b = 2a$
 - ☐ 3. $a = 3b^2 - 7/a$
 - ☐ 4. $a = 3b$

Q.3 The sum of the radius and slant height of a cone is square of the height of the cone, while the difference between the radius and slant height is 1 cm only. What is the total surface area (in cm^2) of the cone having height of 9 cm? (Take $\pi = \frac{22}{7}$) (Rounded off to 2 decimal places)

- Ans**
- ☐ 1. 10,437.43
 - ☒ 2. 10,182.86
 - ☐ 3. 10,128.85
 - ☐ 4. 11,282.85

Q.4 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 5% per year rate of interest for 5 years.

- Ans**
- ☒ 1. 625
 - ☐ 2. 585
 - ☐ 3. 565
 - ☐ 4. 665

Q.5 A man bought an article for ₹500 and sold it for ₹400. Find his loss percentage.

- Ans**
- ☐ 1. 30%
 - ☐ 2. 100%
 - ☐ 3. 25%
 - ☒ 4. 20%

Q.6 The whole surface area of a right circular cone of radius 15 metres and height 8 metres is:

- Ans**
- ☐ 1. $540 \pi \text{ m}^2$
 - ☐ 2. $350 \pi \text{ m}^2$
 - ☐ 3. $640 \pi \text{ m}^2$
 - ☒ 4. $480 \pi \text{ m}^2$

Q.7 One train is moving with at twice the speed of a second train. The lengths of the trains are equal. The ratio of the time taken by these trains to cross each other when moving in the same direction and in opposite directions, respectively, is:

- Ans
- ☐ 1. 1:3
 - ☐ 2. 2:3
 - ☒ 3. 3:1
 - ☐ 4. 3:2

Q.8 What is the HCF of $5^{34771} - 1$ and $5^{5716} - 1$?

- Ans
- ☒ 1. 4
 - ☐ 2. 2
 - ☐ 3. 3
 - ☐ 4. 1

Q.9 Akhil bought two articles at ₹4,500 each. He sold one article at a 12% gain but had to sell the second article at a loss. If he had suffered a loss of ₹395 on the whole transaction, then what was the selling price of the second article?

- Ans
- ☐ 1. ₹3,500
 - ☒ 2. ₹3,565
 - ☐ 3. ₹3,550
 - ☐ 4. ₹3,595

Q.10 The ratio of cost price to marked price of a shirt is 3 : 5. If a shopkeeper earned $33\frac{1}{3}\%$ profit on the sale of this shirt, then the discount given on the marked price was:

- Ans
- ☐ 1. 10%
 - ☐ 2. 25%
 - ☐ 3. 15%
 - ☒ 4. 20%

Q.11 If apples and pears in a basket are in the ratio of 5 : 8, then find the percentage of pears (correct to two decimal places) in the basket.

- Ans
- ☐ 1. 69.5%
 - ☐ 2. 59.44%
 - ☒ 3. 61.54%
 - ☐ 4. 63.45%

Q.12 A cylinder of radius 10 cm and height 30 cm is cut, parallel to the base, into two pieces of different sizes. The total surface area of the larger piece formed is 70% of that of the given cylinder. The smaller piece is melted and made into a sphere. The radius (in cm) of the sphere is:

- Ans
- ☒ 1. $\sqrt[3]{900}$
 - ☐ 2. $\sqrt[3]{986}$
 - ☐ 3. $\sqrt[3]{844}$
 - ☐ 4. $\sqrt[3]{821}$

Q.13 A bag is purchased for ₹4,500 and sold for ₹6,000. Find the percentage of profit.

- Ans
- ☐ 1. $32\frac{1}{3}\%$
 - ☐ 2. $32\frac{2}{3}\%$
 - ☒ 3. $33\frac{1}{3}\%$
 - ☐ 4. $33\frac{2}{3}\%$

Q.14 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 65 kg and 39 kg is:

- Ans
- ☐ 1. 51.8
 - ☒ 2. 49.8
 - ☐ 3. 50.8
 - ☐ 4. 48.8

Q.15 There are two groups C and D of a class consisting of 32 and 40 students, respectively. If the average weight of group C is 60 kg and that of group D is 33 kg, then find the average weight of the whole class.

- Ans
- ☐ 1. 46.5 kg
 - ☒ 2. 45 kg
 - ☐ 3. 45.2 kg
 - ☐ 4. 44 kg

Q.16 A vessel contains 80 litres of a mixture of alcohol and water in the ratio of 3 : 7. If 40 litres of the mixture is taken out from the vessel and replaced with 40 litres of water, then the ratio of alcohol and water becomes:

- Ans
- ☐ 1. 3 : 23
 - ☐ 2. 1 : 11
 - ☒ 3. 3 : 17
 - ☐ 4. 2 : 15

Q.17 Two numbers are in the ratio of 7:9 and their LCM is 630. Find the numbers

- Ans
- ☐ 1. 77, 99
 - ☐ 2. 63, 81
 - ☒ 3. 70, 90
 - ☐ 4. 56, 72

Q.18 The average weight of two persons A and B is 70 kg. Another person C joins A and B and the average weight now becomes 72 kg. If another person D, whose weight is 2 kg less than that of C, replaces A, then the average weight of B, C and D becomes 70 kg. Find the weight of A (in kg).

- Ans
- ☐ 1. 73
 - ☒ 2. 80
 - ☐ 3. 75
 - ☐ 4. 74

Q.19 A sum of money was lent on simple interest. After 7 years it's simple interest became $\frac{7}{10}$ of it. Find the rate of interest per annum.

- Ans
- ☐ 1. 12%
 - ☒ 2. 10%
 - ☐ 3. 8%
 - ☐ 4. 5%

Q.20 A boat can travel at a speed of 42 km/hr in still water. If the speed of the stream is 3 km/hr, how much time (in hours and minutes) will be taken by the boat to go 157.5 km downstream, and then 78 km upstream?

- Ans
- ☐ 1. 6 h 20 min
 - ☐ 2. 4 h 45 min
 - ☒ 3. 5 h 30 min
 - ☐ 4. 7 h 25 min

Section : Reasoning Ability and Problem Solving

Q.1 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). Only 2 people sit between B and D when counted from the left of D. E and C are immediate neighbours of A. G sits immediately to the right of F. Only 1 person sits between F and E when counted from the right of E. Who sits immediately to the left of F?

- Ans
- ☒ 1. B
 - ☐ 2. A
 - ☐ 3. G
 - ☐ 4. D

Q.2 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $121 + 1 - 6 \div 16 \times 8 = ?$

- Ans**
- ☒ 1. 132
 - ☐ 2. 145
 - ☐ 3. 164
 - ☐ 4. 124

Q.3 In a certain code language, 'HOST' is coded as '2846' and 'TEAM' is coded as '3587'. What is the code for 'T' in the given code language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 7
 - ☒ 3. 8
 - ☐ 4. 6

Q.4 Seven friends - P, Q, R, A, X, Y, and Z - are sitting around a circular table, facing the centre (but not necessarily in the same order). Y is sitting sixth to the right of Q. P is sitting third to the left of Y. A has Q and X as immediate neighbours. Z is to the immediate right of P. Who is sitting to the immediate right of R?

- Ans**
- ☐ 1. P
 - ☐ 2. X
 - ☒ 3. Y
 - ☐ 4. Q

Q.5 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some sneakers are trousers.

No trouser is a watch.

Conclusions:

(I) Some trousers may not be sneakers.

(II) No sneaker is a watch.

- Ans**
- ☐ 1. Both conclusion I and II follow
 - ☐ 2. Only conclusion II follows
 - ☐ 3. Neither conclusion I nor II follows
 - ☒ 4. Only conclusion I follows

Q.6 FL43 is related to RX25 in a certain way. In the same way, KQ72 is related to WC54. To which of the following is PV83 related, following the same logic?

- Ans**
- ☐ 1. HB65
 - ☐ 2. HB66
 - ☒ 3. BH65
 - ☐ 4. BH66

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All eggs are chickens.

No chicken is a hen.

Conclusions:

(I) All chickens are eggs.

(II) No egg is a hen.

- Ans**
- ☐ 1. Both conclusions I and II follow
 - ☐ 2. Only conclusion I follows
 - ☒ 3. Only conclusion II follows
 - ☐ 4. Neither conclusion I nor II follows

Q.8 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(5, 14, 29)

(9, 6, 33)

- Ans
- ☒ 1. (15, 19, 4)
 - ☒ 2. (11, 12, 45)
 - ☒ 3. (17, 10, 59)
 - ☒ 4. (21, 3, 76)

Q.9 VDIZ is related to ZGKA in a certain way based on the English alphabetical order. In the same way, HNAS is related to LQCT. To which of the following is BJWP related, following the same logic?

- Ans
- ☒ 1. ENAS
 - ☒ 2. DLZR
 - ☒ 3. DKXR
 - ☒ 4. FMYQ

Q.10 What should come in place of the question mark (?) in the given series?

7 ? 22 37 57 82

- Ans
- ☒ 1. 20
 - ☒ 2. 10
 - ☒ 3. 12
 - ☒ 4. 17

Q.11 In a certain code language, 'COST' is coded as '5971' and 'SALE' is coded as '8692'. What is the code for 'S' in that language?

- Ans
- ☒ 1. 6
 - ☒ 2. 7
 - ☒ 3. 8
 - ☒ 4. 9

Q.12 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

AZB, BYC, CXD, DWE ,?

- Ans
- ☒ 1. FVE
 - ☒ 2. EFU
 - ☒ 3. GUH
 - ☒ 4. EVF

Q.13 CTVU is related to EVXW in a certain way based on the English alphabetical order. In the same way, BKGI is related to DMIK. To which of the following is SAEH related, following the same logic?

- Ans
- ☒ 1. MPEF
 - ☒ 2. LOJI
 - ☒ 3. UCGJ
 - ☒ 4. HYTF

Q.14 5 is related to 77 following a certain logic. Following the same logic, 9 is related to 137. To which of the following is 3 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans
- ☒ 1. 45
 - ☒ 2. 44
 - ☒ 3. 47
 - ☒ 4. 49

Q.15 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $25 - 45 \times 9 \div 5 + 20 = ?$

Ans  1. 33
 2. 30
 3. 32
 4. 35

Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(5, 14, 24)
(9, 6, 24)

Ans  1. (17, 10, 42)
 2. (11, 12, 34)
 3. (21, 23, 55)
 4. (15, 19, 89)

Q.17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:
Some mats are carpets.
All carpets are sheets.

Conclusions:
(I) Some mats are sheets.
(II) All sheets are carpets.

Ans  1. Only conclusion (II) follows.
 2. Only conclusion (I) follows.
 3. Both conclusions (I) and (II) follow.
 4. Neither conclusion (I) nor (II) follows.

Q.18 In a certain code language, 'CREAM' is coded as '24598' and 'CARES' is coded as '59782'. What is the code for 'M' in the given code language?

Ans  1. 4
 2. 9
 3. 2
 4. 7

Q.19 In a certain code language, 'life is rude' is written as 'tp ck gn' and 'this isn't life' is written as 'gn dl sb'. How is 'life' written in that code language?

Ans  1. ck
 2. dl
 3. gn
 4. tp

Q.20 Select the number from among the given options that can replace the question mark (?) in the following series.
6, 11, 26, 71, 206, ?

Ans  1. 789
 2. 799
 3. 768
 4. 611

Q.1	The Banaras session of the Indian National Congress in 1905 was presided over by _____.
Ans	 1. Mahatma Gandhi  2. Subhas Chandra Bose  3. Jawaharlal Nehru  4. Gopal Krishna Gokhale
Q.2	Where is the Kala Ghoda Arts Festival organised every year?
Ans	 1. Mumbai  2. New Delhi  3. Bengaluru  4. Chennai
Q.3	What is the primary role of autotrophic organisms in an ecosystem?
Ans	 1. Producing organic matter from inorganic substances  2. Preying on other organisms for food  3. Breaking down dead organisms  4. Converting organic matter into energy
Q.4	The 'Dhansiri' and 'Subansiri' are the tributaries of _____ River.
Ans	 1. Godavari  2. Mahanadi  3. Brahmaputra  4. Sutlej
Q.5	What is the charge of an electron?
Ans	 1. Positive  2. Variable  3. Neutral  4. Negative
Q.6	The Border-Gavaskar trophy is played between _____.
Ans	 1. India and England  2. India and Australia  3. India and New Zealand  4. India and Pakistan
Q.7	The North-South National Highway Corridor connects which two UTs/States of India?
Ans	 1. Jammu and Kashmir - Telangana  2. Delhi - Odisha  3. Jammu and Kashmir - Tamil Nadu  4. Ladakh - Kerala
Q.8	Excessive bleeding from wounds may happen due to lack of ____.
Ans	 1. Vitamin A  2. Vitamin K  3. Vitamin E  4. Vitamin B12
Q.9	Why are wealth taxes and gift taxes treated as paper taxes in India?
Ans	 1. Tax payers need to fill out forms only in paper and submit returns.  2. They are paid only by government employees, members of the Parliament and Legislative assemblies.  3. They do not generate much revenue in comparison to others.  4. It is not mandatory for the government to collect these taxes.

Q.10	According to the Multidimensional Poverty Index 2023, which union territory has the least percentage of poor?
Ans	 1. Puducherry  2. Lakshadweep  3. Chandigarh  4. Delhi
Q.11	Tanras Khan is associated with which of the following gharanas?
Ans	 1. Agra gharana  2. Benaras gharana  3. Indore gharana  4. Delhi gharana
Q.12	The ‘Agaria’ community of the 19th century was associated with which of the following industries?
Ans	 1. Wood industry  2. Cotton textile industry  3. Iron industry  4. Agro Industry
Q.13	Who wrote the novel ‘Amrit Aur Vish’?
Ans	 1. Vishnu Prabhakar  2. Shreelal Shukla  3. Ramdhari Singh Dinkar  4. Amritlal Nagar
Q.14	Who among the following was awarded the Sansad Ratna Award 2023 and represents the Indian National Congress in Lok Sabha from West Bengal?
Ans	 1. Bidyut Baran Mahato  2. Sudhir Gupta  3. Adhir Ranjan Chowdhury  4. Kuldeep Rai Sharma
Q.15	Identify the Kuchipudi dancer, actor and film producer who won the best choreography award at the 68th National Film Awards 2022.
Ans	 1. Sandhya Raju  2. Ganesh Acharya  3. Remo D'Souza  4. Birju Maharaj
Q.16	In which of the following cases did the Supreme Court of India propound the Basic Structure Doctrine of the Constitution?
Ans	 1. Kesavanad Bharati vs. State of Kerala Case  2. Golakhnath vs. State of Punjab Case  3. Maneka Gandhi vs Union of India Case  4. Indira Gandhi vs. Raj Narayan Case
Q.17	According to the standard definition of Census of India, the marginal worker is a person who works for less than _____ days in a year.
Ans	 1. 173  2. 180  3. 170  4. 183
Q.18	Fugdi is famous dance of the state of _____.
Ans	 1. Goa  2. Punjab  3. Uttarakhand  4. Tamil Nadu

Q.19 Anahat Singh is associated with which of the following sports events?

- Ans**
- ☒ 1. Squash
 - ☐ 2. Chess
 - ☐ 3. Badminton
 - ☐ 4. Wrestling

Q.20 In 1527, Babur defeated Rana Sanga, the Rajput ruler of Mewar in the Battle of _____.

- Ans**
- ☒ 1. Khanwa
 - ☐ 2. Chanderi
 - ☐ 3. Tarain
 - ☐ 4. Panipat

Q.21 What is the term for a dome-shaped monument that contains sacred relics in Buddhism?

- Ans**
- ☐ 1. Vihar
 - ☐ 2. Stambha
 - ☐ 3. Chaitya
 - ☒ 4. Stupa

Q.22 Which of the following water bodies are also known as nurseries of the ocean?

- Ans**
- ☐ 1. Lagoons
 - ☐ 2. Bogs
 - ☒ 3. Estuaries
 - ☐ 4. Dams

Q.23 Which of the following reports is considered as a piecemeal effort to provide resilience to the successful working of federal system?

- Ans**
- ☒ 1. Sarkaria Commission
 - ☐ 2. Kothari Commission
 - ☐ 3. Thakkar Commission
 - ☐ 4. Kapur Commission

Q.24 Who inaugurated 'Vibrant Village Program' in april 2023?

- Ans**
- ☐ 1. Narendra Modi
 - ☒ 2. Amit Shah
 - ☐ 3. Ashwini Vaishnav
 - ☐ 4. Hardeep Puri

Q.25 Pushyamitra Sunga's capital was at:

- Ans**
- ☐ 1. Kalinga
 - ☐ 2. Nalanda
 - ☐ 3. Cuttack
 - ☒ 4. Pataliputra

Section : **English Language and Comprehension**

Q.1 Select the word that is opposite in meaning (ANTONYM) to the highlighted word in the given sentence.

We enjoyed the gentle breeze that was blowing.

- Ans**
- ☒ 1. violent
 - ☐ 2. soft
 - ☐ 3. modest
 - ☐ 4. garnished

Q.2 Select the most appropriate meaning of the underlined **phrase**.

In the absence of government rule, riots have broken out all over the country and everything is in a state of complete chaos.

- Ans**
- ☒ 1. Anarchy
 - ☐ 2. Dictatorship
 - ☐ 3. Oligarchy
 - ☐ 4. Monarchy

Q.3 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Conscientious
 - ☐ 2. Inconvenience
 - ☐ 3. Unanimous
 - ☐ 4. Millennium

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
He sings good / among all the / contestants in / the singing competition.

- Ans**
- ☐ 1. contestants in
 - ☒ 2. He sings good
 - ☐ 3. among all the
 - ☐ 4. the singing competition

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

There have been numerous attempts made by the citizens to restore parity.

- Ans**
- ☐ 1. Quite numerous
 - ☐ 2. More numerous
 - ☐ 3. No substitution
 - ☒ 4. Most numerous

Q.6 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Siliguri has joined the nation to celebrate the golden jubilee of the first conquest of Mount Everest by an Indian.

- Ans**
- ☒ 1. No improvement required
 - ☐ 2. joining the nation celebrate
 - ☐ 3. joined the national celebration
 - ☐ 4. joins the celebratory nation

Q.7 Select the most appropriate homophone to fill in the blank.

Looking up, she realised she had swum _____ than she'd thought.

- Ans**
- ☒ 1. farther
 - ☐ 2. further
 - ☐ 3. farthest
 - ☐ 4. furthest

Q.8 Select the **grammatically correct** sentence.

- Ans**
- ☐ 1. The myriad of possibilities unfolds when an artist embarks on the journey of creative experimentation.
 - ☐ 2. A myriad of possibilities unfolds when the artist embarks on the journey of creative experimentation.
 - ☒ 3. A myriad of possibilities unfolds when an artist embarks on a journey of creative experimentation.
 - ☐ 4. The myriad of possibilities unfolds when the artist embarks on a journey of creative experimentation.

Q.9 Select the grammatically correct sentence.

- Ans**
- ☐ 1. Our Principal is a great teacher and an administrator.
 - ☐ 2. Our Principal is great teacher and administrator.
 - ☐ 3. Our Principal is a great teacher and a great administrator.
 - ☒ 4. Our Principal is a great teacher and administrator.

Q.10 Select the most appropriate option to fill in the blank.

Siva is a hard worker. He works _____.

- Ans**
- ☒ 1. hard
 - ☐ 2. hardly
 - ☐ 3. scarcely
 - ☐ 4. bad

Q.11 Select the most appropriate idiom to substitute the underlined word segment in the given sentence.

If the two families could forget their past quarrels forever, both could benefit immensely.

- Ans**
- ☐ 1. do a good turn
 - ☒ 2. bury the hatchet
 - ☐ 3. cut to the quick
 - ☐ 4. catch a tartar

Q.12 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Abstract
 - ☐ 2. Abscess
 - ☐ 3. Abstinent
 - ☒ 4. Absense

Q.13 Select the option that will improve the underlined part of the given sentence.

You can do your work well within the stipulated time and be more productive if you learn to keep video games at the length of your arm.

- Ans**
- ☐ 1. at arm of your length
 - ☐ 2. at arm's weight
 - ☒ 3. at arm's length
 - ☐ 4. at arm of his length

Q.14 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

The recommendations of the committee / regarding changes in the eligibility criteria / was not accept.

- Ans**
- ☒ 1. was not accept
 - ☐ 2. No Error
 - ☐ 3. regarding changes in the eligibility criteria
 - ☐ 4. The recommendations of the committee

Q.15 Select the option that can be used as a one-word substitute for the given group of words.

One who brings a legal action against someone in court.

- Ans**
- ☐ 1. Sanctimonious
 - ☐ 2. Numismatic
 - ☒ 3. Plaintiff
 - ☐ 4. Pragmatist

Q.16 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. humorous
 - ☒ 2. paralel
 - ☐ 3. familiar
 - ☐ 4. achieve

Q.17 Select the most appropriate option to fill in the blanks.
I could _____ the reason for being _____.

- Ans**
- ☐ 1. bard; barred
 - ☐ 2. barred; bard
 - ☒ 3. find; fined
 - ☐ 4. fine; find

Q.18 Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.

The prisoners were living in appalling conditions.

- Ans**
- ☐ 1. daring
 - ☒ 2. shocking
 - ☐ 3. risky
 - ☐ 4. ingenuous

Q.19 Select the most appropriate option to fill in the blank.
The detail given by the instructor was the _____ one.

- Ans**
- ☐ 1. more updation
 - ☒ 2. most updated
 - ☐ 3. updating
 - ☐ 4. updates

Q.20 Select the most appropriate ANTONYM of the given word.

Presumably

- Ans**
- ☐ 1. Successfully
 - ☐ 2. Liberally
 - ☐ 3. Certainly
 - ☒ 4. Unlikely

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The habit of reading is highly advantageous to us intellectually, emotionally and spiritually. As one gets into the habit of reading, one gets mental (1)_____. It helps us acquire (2)_____and attain intellectual (3)_____. Reading takes away our (4)_____. Reading can bring (5)_____ in our sorrowful times and guide us in our duties.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. satisfaction
 - ☐ 2. coverage
 - ☐ 3. success
 - ☐ 4. exhaustion

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The habit of reading is highly advantageous to us intellectually, emotionally and spiritually. As one gets into the habit of reading, one gets mental (1)_____. It helps us acquire (2)_____and attain intellectual (3)_____. Reading takes away our (4)_____. Reading can bring (5)_____ in our sorrowful times and guide us in our duties.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☐ 1. employment
 - ☐ 2. strategies
 - ☒ 3. knowledge
 - ☐ 4. readiness

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The habit of reading is highly advantageous to us intellectually, emotionally and spiritually. As one gets into the habit of reading, one gets mental (1)_____. It helps us acquire (2)_____ and attain intellectual (3)_____. Reading takes away our (4)_____. Reading can bring (5)_____ in our sorrowful times and guide us in our duties.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. creation
 - ☒ 2. expansion
 - ☒ 3. compression
 - ☒ 4. stagnation

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The habit of reading is highly advantageous to us intellectually, emotionally and spiritually. As one gets into the habit of reading, one gets mental (1)_____. It helps us acquire (2)_____ and attain intellectual (3)_____. Reading takes away our (4)_____. Reading can bring (5)_____ in our sorrowful times and guide us in our duties.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. time
 - ☒ 2. boredom
 - ☒ 3. concern
 - ☒ 4. vigour

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The habit of reading is highly advantageous to us intellectually, emotionally and spiritually. As one gets into the habit of reading, one gets mental (1)_____. It helps us acquire (2)_____ and attain intellectual (3)_____. Reading takes away our (4)_____. Reading can bring (5)_____ in our sorrowful times and guide us in our duties.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. resentment
 - ☒ 2. comfort
 - ☒ 3. oppression
 - ☒ 4. lethargy

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	21/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Raghav covers a distance of 45 km in 1 hour 40 minutes. Assuming he maintains a constant speed throughout his journey, what is Raghav's speed (in m/s)?

- Ans
- ☐ 1. 9
 - ☐ 2. 6
 - ☒ 3. 7.5
 - ☐ 4. 7.2

Q.2 Find the area of a parallelogram with a base of 12 m and a height of 20 m.

- Ans
- ☐ 1. 144 m^2
 - ☐ 2. 210 m^2
 - ☒ 3. 240 m^2
 - ☐ 4. 120 m^2

Q.3 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 5% per year rate of interest for 6 years.

- Ans
- ☐ 1. 790
 - ☐ 2. 690
 - ☐ 3. 710
 - ☒ 4. 750

Q.4 A total of 24 men working 7 hours a day can complete a task in 10 days. In how many days will 21 men working 9 hours a day complete the same task?

- Ans
- ☒ 1. $8\frac{8}{9}$ days
 - ☐ 2. $7\frac{7}{8}$ days
 - ☐ 3. $9\frac{9}{10}$ days
 - ☐ 4. $6\frac{6}{7}$ days

Q.5 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 3% per year rate of interest for 6 years.

- Ans
- ☐ 1. 590
 - ☒ 2. 630
 - ☐ 3. 570
 - ☐ 4. 670

Q.6 Find the HCF of 576, 324 and 360

- Ans
- ☐ 1. 108
 - ☒ 2. 36
 - ☐ 3. 144
 - ☐ 4. 72

Q.7 A trader professes to sell his goods at a nominal gain percentage, but actually earns $37\frac{1}{2}$ profit of 900 gms. What is the nominal gain percentage at which he claims to be selling his goods?

Ans ☐ 1. 20.75 Percent
☐ 2. 29.75 Percent
☒ 3. 23.75 Percent
☐ 4. 26.75 Percent

Q.8 Find the arithmetic mean of 5, 15, 25, 26, and 27.

Ans ☐ 1. 18.6
☐ 2. 20.6
☒ 3. 19.6
☐ 4. 17.6

Q.9 The total surface area of a right circular cylinder is $628\frac{4}{7}$ cm². If its radius is 4 cm, then the height (rounded off to the nearest whole number) of cylinder is equal to:
(Take $\pi = \frac{22}{7}$)

Ans ☐ 1. 12 cm
☐ 2. 15 cm
☐ 3. 18 cm
☒ 4. 21 cm

Q.10 The average of nine consecutive numbers is 45. The largest number among these numbers is:

Ans ☐ 1. 50
☐ 2. 41
☐ 3. 48
☒ 4. 49

Q.11 A can contains a mixture of two liquids, grape juice and pineapple juice in the ratio 13 : 11. When 8 litres of the mixture is drawn off, and the can is filled with pineapple juice, the ratio becomes 13 : 14. How many litres of pineapple juice was initially contained in the can?

Ans ☒ 1. 33 litres
☐ 2. 28 litres
☐ 3. 11 litres
☐ 4. 14 litres

Q.12 A tradesman marks his goods at 40% above the cost price and then allows customers a discount of 15%. What is the profit percentage for the tradesman?

Ans ☐ 1. 15%
☐ 2. 25%
☐ 3. 21%
☒ 4. 19%

Q.13 Find the volume of the largest right circular cone which is inscribed in a hollow cube of length 6 units and is standing on its base.

Ans ☒ 1. 18π units³
☐ 2. 9π units³
☐ 3. 10π units³
☐ 4. 21π units³

Q.14 If the average of 53 consecutive even numbers is 1280. Find the difference between the smallest and the largest number.

- Ans**
- ☒ 1. 104
 - ☐ 2. 124
 - ☐ 3. 24
 - ☐ 4. 34

Q.15 A shopkeeper buys 15 mobiles and sells 12 mobiles at the cost price of 15 mobiles. If the shopkeeper sells all the mobiles at the same price at which he sold the 12 mobiles in the first case, what is the profit percentage?

- Ans**
- ☒ 1. 25%
 - ☐ 2. 27.5%
 - ☐ 3. 20%
 - ☐ 4. 22.5%

Q.16 Distance between A and B is 1200 km. If they start moving towards each other at same time, they will meet in 24 hrs. If A starts 10 hrs after B, then they will meet after another 20 hrs. What are their respective speeds?

- Ans**
- ☐ 1. 35 km/h, 25 km/h
 - ☐ 2. 40 km/h, 25km/h
 - ☐ 3. 25 km/h, 35 km/h
 - ☒ 4. 30 km/h, 20 km/h

Q.17 Simplify $72 \div \left[\frac{1}{3} \{ 21 + 18 - (10 + 8 - \overline{6 + 9}) \} \right]$.

- Ans**
- ☐ 1. -6
 - ☐ 2. 12
 - ☐ 3. -12
 - ☒ 4. 6

Q.18 A sum of money amounts to ₹7,436 after 6 years and ₹9,460 after 10 years at the same rate of simple interest. Find the rate of interest per annum.

- Ans**
- ☒ 1. 11.5%
 - ☐ 2. 13%
 - ☐ 3. 12%
 - ☐ 4. 12.5%

Q.19 The price of a commodity is increased by 20% and then again by 25%. By what per cent should the increased price be reduced to get back to the initial price?

- Ans**
- ☐ 1. $22\frac{1}{2}\%$
 - ☐ 2. 45%
 - ☐ 3. 25%
 - ☒ 4. $33\frac{1}{3}\%$

Q.20 A dishonest dealer claims to sell groceries at cost price and still makes a profit of $2\frac{22}{39}\%$. For a kg, he uses a weight of:

- Ans**
- ☐ 1. 981 g
 - ☐ 2. 985 g
 - ☒ 3. 975 g
 - ☐ 4. 978 g

Q.1 In a certain code language, 'BLUE' is coded as '5193' and 'CABS' is coded as '3246'. What is the code for 'B' in the given code language?

- Ans**
- ☐ 1. 4
 - ☐ 2. 5
 - ☒ 3. 3
 - ☐ 4. 6

Q.2 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: Some actors are singers.
All singers are dancers.

Conclusions:

- (I) Some actors are dancers.
(II) No singer is actor.

- Ans**
- ☐ 1. Only Conclusion (II) follows.
 - ☐ 2. Both conclusion (I) and (II) follow.
 - ☐ 3. Neither conclusion (I) nor (II) follows.
 - ☒ 4. Only Conclusion (I) follows.

Q.3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some horses are goats.
All goats are jackals.

Conclusions:

- (I): Some horses are jackals.
(II): All jackals are goats.

- Ans**
- ☐ 1. Neither conclusion (I) nor (II) follows.
 - ☐ 2. Only conclusion (II) follows.
 - ☐ 3. Both conclusions (I) and (II) follow.
 - ☒ 4. Only conclusion (I) follows.

Q.4 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

MSN, LRM, KQL, JPK, ?

- Ans**
- ☐ 1. JIO
 - ☒ 2. IOJ
 - ☐ 3. IJO
 - ☐ 4. JOI

Q.5 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All kites are eagles.
All eagles are birds.

Conclusions:
(I) All birds are kites.
(II) Some birds are eagles.

- Ans**
- ☒ 1. Only conclusion (II) follows
 - ☐ 2. Neither conclusion (I) nor (II) follows
 - ☐ 3. Only conclusion (I) follows
 - ☐ 4. Both conclusions (I) and (II) follow

Q.6 In a certain code language, 'BIKE CAR SCOOTER' is written as 'SS RR PP' and 'CAR CYCLE TRUCK' is written as 'PP TT LL' and 'CYCLE BIKE TRAIN' is written as 'RR ZZ TT'. How is 'SCOOTER' written in the given language?

Ans  1. RR
 2. SS
 3. ZZ
 4. PP

Q.7 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

4, 20
21, 105

Ans  1. 3, 17
 2. 27, 320
 3. 32, 160
 4. 13, 67

Q.8 In a certain code language, 'SOAP' is coded as '4729' and 'POSE' is coded as '9257'. What is the code for 'E' in that language?

Ans  1. 7
 2. 9
 3. 2
 4. 5

Q.9 ZMJI is related to UIGG in a certain way based on the English alphabetical order. In the same way, TIMN is related to OEJL. To which of the following is PHJI related, following the same logic?

Ans  1. KGDF
 2. GKHF
 3. KJED
 4. KDGG

Q.10 Five friends, Ashish, Bipin, Chandu, Dinesh and Emmanuel, went on a trek. On the mountain top, they lit a campfire and sat around it in a circle facing the centre (but not necessarily in the same order). It was recalled that there was only one person sitting between Ashish and Chandu, while Chandu himself was sitting second to the left of Bipin. If Dinesh was an immediate neighbour of both Chandu and Bipin, who was sitting to the immediate right of Ashish?

Ans  1. Emmanuel
 2. Bipin
 3. Chandu
 4. Dinesh

Q.11 In a certain code language, 'MILK' is coded as '5642' and 'LIKE' is coded as '8425'. What is the code for 'E' in that language?

Ans  1. 6
 2. 8
 3. 5
 4. 4

Q.12 Which two numbers should be interchanged to make the following equation correct?
 $(8 \div 2) \times 11 - 9 \times 3 + (51 \div 17) \times 6 = 30$
(Note: Interchange should be done of the entire number and not individual digits of a given number.)

Ans  1. 11 and 6
 2. 3 and 6
 3. 9 and 6
 4. 9 and 11

Q.13 GNJF is related to IPLH in a certain way based on the English alphabetical order. In the same way, KRNJ is related to MTPL. To which of the following is OVRN related, following the same logic?

- Ans**
- ☐ 1. XQPT
 - ☒ 2. QXTP
 - ☐ 3. QXPT
 - ☐ 4. XQTP

Q.14 What should come in place of the question mark (?) in the given series?

72 91 109 126 142 ?

- Ans**
- ☐ 1. 155
 - ☒ 2. 157
 - ☐ 3. 152
 - ☐ 4. 158

Q.15 Which two signs should be interchanged to make the following equation correct?

$$33 \times 19 - 24 \div 8 + 4 = 40$$

- Ans**
- ☐ 1. + and ÷
 - ☐ 2. ÷ and ×
 - ☐ 3. – and +
 - ☒ 4. + and ×

Q.16 PW 5 is related to LS 25 in a certain way. In the same way, RQ 8 is related to NM 64. To which of the following is VJ 7 related following the same logic?

- Ans**
- ☐ 1. WC 42
 - ☐ 2. PM 36
 - ☐ 3. FC 31
 - ☒ 4. RF 49

Q.17 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). Only three people sit between E and F when counted from the left of E. Only three people sit between G and D when counted from the right of D. A sits to the immediate right of G. C is an immediate neighbour of D as well as F. Who sits second to the left of B?

- Ans**
- ☐ 1. E
 - ☐ 2. G
 - ☐ 3. A
 - ☒ 4. C

Q.18 What should come in place of the question mark (?) in the given series?

6, 12, ?, 144, 720, 4320, 30240

- Ans**
- ☐ 1. 42
 - ☐ 2. 38
 - ☐ 3. 40
 - ☒ 4. 36

Q.19 4 is related to 41 following a certain logic. Following the same logic, 9 is related to 91. To which of the following is 13 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 130
 - ☐ 2. 129
 - ☐ 3. 127
 - ☒ 4. 131

- Q.20** In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
- (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
- 18, 29
49, 60
- Ans**  1. 92, 123
 2. 86, 99
 3. 84, 95
 4. 88, 79

Section : **General Awareness**

Q.1 As per Census 2011, which of the following union territories has the highest percentage of rural population?

- Ans**  1. Chandigarh
 2. Daman and Diu
 3. Puducherry
 4. Delhi

Q.2 The elements in Group 17 of the periodic table are known as:

- Ans**  1. noble gases
 2. halogens
 3. alkali metals
 4. transition metals

Q.3 According to Article 51A of the Indian Constitution, it is the fundamental duty of every person to uphold and protect the sovereignty, unity and _____.

- Ans**  1. diversity of India
 2. integrity of India
 3. spirituality of India
 4. harmony of India

Q.4 Who among the following led the Indian delegation to attend the 56th Annual General Meeting of the Board of Governors of Asian Development Bank (ADB) along with Investor/ Bilateral and other associated meetings, in Incheon, the Republic of Korea, from 2 to 5 May 2023?

- Ans**  1. Smriti Irani
 2. Renuka Singh Saruta
 3. Nirmala Sitharaman
 4. Meenakshi Lekhi

Q.5 Which of the following banking institutions played an instrumental role in financial inclusion through microfinance loans and their expansion in India?

- Ans**  1. Reserve Bank of India
 2. State Bank of India
 3. Central Bank of India
 4. National Bank for Agriculture and Rural Development

Q.6 Raja and Radha Reddy were awarded the Padma Bhushan in 2000 for giving a new dimension to which dance form?

- Ans**  1. Manipuri
 2. Kuchipudi
 3. Odissi
 4. Sattriya

Q.7 The Buland Darwaza was the structure built by Akbar at which of the following places in India?

- Ans**
- ☒ 1. Fatehpur Sikri
 - ☐ 2. Agra
 - ☐ 3. Lahore
 - ☐ 4. Delhi

Q.8 During the Mauryan society, Megasthenes divided the Indian society into seven distinct groups. In which distinct group were the 'king's counsellors' placed?

- Ans**
- ☒ 1. Seventh
 - ☐ 2. First
 - ☐ 3. Second
 - ☐ 4. Fifth

Q.9 Who among the following are the target beneficiaries for the 'Vishwakarma Yojana' launched by Government of India on 17 September 2023?

- Ans**
- ☐ 1. Individuals skilled in traditional folklore
 - ☐ 2. Individuals skilled in traditional folk songs
 - ☐ 3. Individuals skilled in traditional folk dance
 - ☒ 4. Individuals skilled in traditional craftsmanship

Q.10 The process by which a water body gradually becomes enriched with nutrients and minerals, mainly phosphorus and nitrogen, leading to enormous growth of algae on the surface of the water, thus decreasing the amount of dissolved oxygen in the water is known as:

- Ans**
- ☐ 1. Biomagnification
 - ☒ 2. Eutrophication
 - ☐ 3. Hypoxia
 - ☐ 4. Bioaccumulation

Q.11 Bhangra and Giddha dance forms are associated with which Indian state?

- Ans**
- ☐ 1. Maharashtra
 - ☒ 2. Punjab
 - ☐ 3. Gujarat
 - ☐ 4. Odisha

Q.12 'The Best Mistakes of My Life' is an autobiography of which Indian Actor?

- Ans**
- ☐ 1. Shahrukh Khan
 - ☐ 2. Dilip Kumar
 - ☐ 3. Salman Khan
 - ☒ 4. Sanjay Khan

Q.13 Deodhar Trophy is given in _____.

- Ans**
- ☐ 1. football
 - ☐ 2. hockey
 - ☒ 3. cricket
 - ☐ 4. tennis

Q.14 Which state topped the medal tally at the 37th National Games event held in Goa?

- Ans**
- ☒ 1. Maharashtra
 - ☐ 2. Kerala
 - ☐ 3. Punjab
 - ☐ 4. Haryana

Q.15	Thetakudi Harihara Vinayakram, who became the first Carnatic musician to win a Grammy, is known for playing which musical instrument?
Ans	 1. Mridangam  2. Kanjira  3. Shehnai  4. Ghatam
Q.16	Who introduced 'Objective Resolution' in the Constituent Assembly?
Ans	 1. Rajendra Prasad  2. Vallabhbhai Patel  3. BR Ambedkar  4. Jawaharlal Nehru
Q.17	How many other members are there in the Finance Commission EXCEPT, Chairman?
Ans	 1. 6  2. 5  3. 4  4. 3
Q.18	A tunnel that runs through the cell wall between two plant cells is known as:
Ans	 1. peroxisome  2. plasmodesmata  3. protoplasm  4. ribosome
Q.19	On which of the following days is National Integration Day observed?
Ans	 1. 15 August  2. 2 October  3. 19 November  4. 26 January
Q.20	What solution should be used to test for the presence of starch in food?
Ans	 1. Iodine solution  2. Talc solution  3. Ethylene glycol – water solution  4. Magnesium solution
Q.21	Which of the following is not a tributary of Godavari River?
Ans	 1. Kameng  2. Indravati  3. Manjra  4. Pranhita
Q.22	Who among the following married the Mughal emperor Jahangir in 1611 and received the title 'Nur Jahan'?
Ans	 1. Mehrunnisa  2. Jahanara Begum  3. Mumtaz Mahal  4. Hasina Begum Sahiba
Q.23	Who among the following freedom fighters was associated with the series of nine articles known as 'New Lamp for Old'?
Ans	 1. Bhagat Singh  2. Swami Vivekananda  3. Sardar Ajit Singh  4. Aurobindo Ghose

Q.24 Which of the following ministries has launched the National Career Service Portal (www.ncs.gov.in) ?

- Ans**
- ☐ 1. Ministry of Youth Affairs and Sports
 - ☐ 2. Ministry of Education
 - ☐ 3. Ministry of Personnel, Public Grievances and Pensions
 - ☒ 4. Ministry of Labour and Employment

Q.25 Which of the following options contains groups of cropping seasons in India?

- Ans**
- ☐ 1. Rabi, Podu and Zaid
 - ☒ 2. Rabi, Kharif and Zaid
 - ☐ 3. Ray, Kharif and Zaid
 - ☐ 4. Rabi, Kharif and Jhum

Section : **English Language and Comprehension**

Q.1 Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.

Shylock, the Jewish moneylender, and Antonio, the rich Merchant of Venice loathed each other.

- Ans**
- ☒ 1. abhorred
 - ☐ 2. lathered
 - ☐ 3. latte
 - ☐ 4. admired

Q.2 Select the most appropriate idiom for the underlined segment in the given sentence.

Sarvana failed in the examination last week and is in extreme depression these days.

- Ans**
- ☒ 1. In the doldrums
 - ☐ 2. In the lurch
 - ☐ 3. In the red
 - ☐ 4. In cold blood

Q.3 The following sentence has been split into four segments. Identify the segment that contains an error in phrasal verb.

Bindu asked Arya to fill out for / her so that she could / take care of / her sick father.

- Ans**
- ☐ 1. her so that he could
 - ☐ 2. take care of
 - ☒ 3. Bindu asked Arya to fill out for
 - ☐ 4. her sick father

Q.4 Choose the correctly spelt word to fill in the blank meaningfully.

His _____ is a brilliant student.

- Ans**
- ☒ 1. son
 - ☐ 2. sun
 - ☐ 3. sone
 - ☐ 4. sune

Q.5 Select the most appropriate synonym of the given word.

Jurisdiction

- Ans**
- ☐ 1. Descent
 - ☐ 2. Violation
 - ☒ 3. Governance
 - ☐ 4. Expression

Q.6 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Choose the correct alternative.

She is late than we expected.

- Ans**
- ☐ 1. more late
 - ☐ 2. latter
 - ☒ 3. later
 - ☐ 4. latest

Q.7 Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.

RK Laxman was well-known for his drawings of people in such a highly exaggerated manner as to cause laughter.

- Ans**
- ☒ 1. caricatures
 - ☐ 2. sketches
 - ☐ 3. articles
 - ☐ 4. portraits

Q.8 Select the grammatically correct sentence.

- Ans**
- ☐ 1. The intricate dance of neurotransmitters in a synaptic cleft plays the crucial role in neural communication.
 - ☒ 2. The intricate dance of neurotransmitters in the synaptic cleft plays a crucial role in neural communication.
 - ☐ 3. An intricate dance of neurotransmitters in the synaptic cleft plays the crucial role in neural communication.
 - ☐ 4. An intricate dance of neurotransmitters in a synaptic cleft plays a crucial role in neural communication.

Q.9 Select the most appropriate option to fill in the blank.

Woodcutting involves the removal of useless trees first, _____ by medium and finest quality timber trees.

- Ans**
- ☐ 1. compared
 - ☐ 2. adjusted
 - ☐ 3. enacted
 - ☒ 4. followed

Q.10 Change the following sentence into positive degree.

Sushma is one of the smartest girls in the class.

- Ans**
- ☐ 1. No other girl is as smart as Sushma.
 - ☒ 2. Few girls in the class are as smart as Sushma.
 - ☐ 3. Sushma is the smart girl of the class.
 - ☐ 4. Sushma is smarter than any other girls in the class.

Q.11 Select the most appropriate meaning of the given idiom.

Head in the clouds

- Ans**
- ☐ 1. Working hard
 - ☒ 2. Being impractical
 - ☐ 3. Thinking about the sky and clouds
 - ☐ 4. Being punctual and sincere

Q.12 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The dancer / performed weird / but the music was / highly enchanting.

- Ans**
- ☐ 1. but the music was
 - ☐ 2. The dancer
 - ☐ 3. highly enchanting.
 - ☒ 4. performed weird

Q.13 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. perceive
 - ☒ 2. parliment
 - ☐ 3. perseverance
 - ☐ 4. pastime

Q.14 Select the most appropriate option to fill in the blank.

The restaurant's menu featured a variety of _____ dishes.

- Ans**
- ☐ 1. delecious
 - ☐ 2. delicius
 - ☒ 3. delicious
 - ☐ 4. delitious

Q.15 Select the most appropriate synonym of the underlined word in the following sentence.

Success demands hard work, diligence and perseverance.

- Ans**
- ☒ 1. Effort
 - ☐ 2. Coolness
 - ☐ 3. indolence
 - ☐ 4. Trouble

Q.16 Select the option that can be used as a one-word substitute for the given group of words.
A person who travels from place to place, especially for work

- Ans**
- ☐ 1. Vagrant
 - ☐ 2. Nomad
 - ☐ 3. Pilgrim
 - ☒ 4. Itinerant

Q.17 Select the most appropriate option to fill in the blank.

I always prefer a small, cosy cottage _____ a high-rise apartment.

- Ans**
- ☐ 1. than
 - ☐ 2. from
 - ☒ 3. to
 - ☐ 4. for

Q.18 Select the correctly spelled sentence.

- Ans**
- ☒ 1. The audience applauded the musician's performance.
 - ☐ 2. The audience applauded the muzicians performance.
 - ☐ 3. The audiance applauded the musician's performance.
 - ☐ 4. The audiance applauded the musicans performance.

Q.19 Select the most appropriate synonym of 'clarify' in the sentence given below.
The last question of the examination paper confused me when it asked to illustrate the Pythagoras' theorem with the help of examples.

- Ans**
- ☐ 1. Last
 - ☐ 2. Confused
 - ☒ 3. Illustrate
 - ☐ 4. Help

Q.20 Select the grammatically correct sentence.

- Ans**
- ☐ 1. If you want to have a sound working knowledge of the Japanese, you must read this book.
 - ☐ 2. If you want to have an sound working knowledge of Japanese, you must read this book.
 - ☒ 3. If you want to have a sound working knowledge of Japanese, you must read this book.
 - ☐ 4. If you want to have sound working knowledge of the Japanese, you must read this book.

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We are familiar with the quote, " "If winter comes, can spring be far ____1____?" Winters are depressing, but we bear because we know that it will not ____2____ till perpetuity. Spring ____3____ a new life in us. As the spring begins to set itself, the nights become shorter and the days get longer. Gardens and lawns become colourful, buds ____4____ as flowers, birds chirp and butterflies fly from one flower to another to ____5____ on the sweet nectar. The dullness is taken over by brightness.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. behind and far
 - ☒ 2. behind
 - ☐ 3. far behind
 - ☐ 4. behind and below

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We are familiar with the quote, " "If winter comes, can spring be far ____1____?" Winters are depressing, but we bear because we know that it will not ____2____ till perpetuity. Spring ____3____ a new life in us. As the spring begins to set itself, the nights become shorter and the days get longer. Gardens and lawns become colourful, buds ____4____ as flowers, birds chirp and butterflies fly from one flower to another to ____5____ on the sweet nectar. The dullness is taken over by brightness.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. rest
 - ☒ 2. hold on
 - ☒ 3. hold
 - ☒ 4. last

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We are familiar with the quote, " "If winter comes, can spring be far ____1____?" Winters are depressing, but we bear because we know that it will not ____2____ till perpetuity. Spring ____3____ a new life in us. As the spring begins to set itself, the nights become shorter and the days get longer. Gardens and lawns become colourful, buds ____4____ as flowers, birds chirp and butterflies fly from one flower to another to ____5____ on the sweet nectar. The dullness is taken over by brightness.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. immerse
 - ☒ 2. inculcate
 - ☒ 3. infuses
 - ☒ 4. imbue

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We are familiar with the quote, " "If winter comes, can spring be far ____1____?" Winters are depressing, but we bear because we know that it will not ____2____ till perpetuity. Spring ____3____ a new life in us. As the spring begins to set itself, the nights become shorter and the days get longer. Gardens and lawns become colourful, buds ____4____ as flowers, birds chirp and butterflies fly from one flower to another to ____5____ on the sweet nectar. The dullness is taken over by brightness.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. take out
 - ☒ 2. fall over
 - ☒ 3. come out
 - ☒ 4. pull out

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

We are familiar with the quote, " "If winter comes, can spring be far ____1____?" Winters are depressing, but we bear because we know that it will not ____2____ till perpetuity. Spring ____3____ a new life in us. As the spring begins to set itself, the nights become shorter and the days get longer. Gardens and lawns become colourful, buds ____4____ as flowers, birds chirp and butterflies fly from one flower to another to ____5____ on the sweet nectar. The dullness is taken over by brightness.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. gobble
 - ☒ 2. suck
 - ☒ 3. gulp
 - ☒ 4. food

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	21/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 The average age of a class of 39 students is 15 years. If the age of the teacher be included, then the average increases by 3 months. Find the age of the teacher.

- Ans**
- ☐ 1. 24 years
 - ☒ 2. 25 years
 - ☐ 3. 27 years
 - ☐ 4. 26 years

Q.2 On a 200-m-long circular track, two people start from the same point, at the same time, at speeds of 12 km/h and 15 km/h, respectively. After how much time will they meet again for the first time if they are running in the same direction?

- Ans**
- ☐ 1. 220 seconds
 - ☐ 2. 200 seconds
 - ☐ 3. 180 seconds
 - ☒ 4. 240 seconds

Q.3 Geeta went to her home town at a distance of 270 km from her house. She started her journey at 10:00 a.m. and reached the destination at 02:00 p.m. by travelling 20 km by cab at a speed of 60 km/h and 240 km by train running at a speed of 80 km/h. She covered the remaining distance by an auto to reach her place. What was the speed of the auto?

- Ans**
- ☐ 1. 20 km/h
 - ☐ 2. 4 km/h
 - ☒ 3. 15 km/h
 - ☐ 4. 18 km/h

Q.4 15 kg of superior quality of wheat is mixed with 5 kg of inferior quality of wheat. The price of superior quality and inferior quality wheat is ₹80 and ₹60, respectively. Find the average price per kg of the mixture.

- Ans**
- ☐ 1. ₹65
 - ☐ 2. ₹150
 - ☐ 3. ₹70
 - ☒ 4. ₹75

Q.5 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 3% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 240
 - ☒ 2. 300
 - ☐ 3. 260
 - ☐ 4. 340

Q.6 If p is directly proportional to q and is p = 7 when q = 6, then what is the value of p when q = 21?

- Ans**
- ☐ 1. 23.5
 - ☐ 2. 24.0
 - ☐ 3. 25.0
 - ☒ 4. 24.5

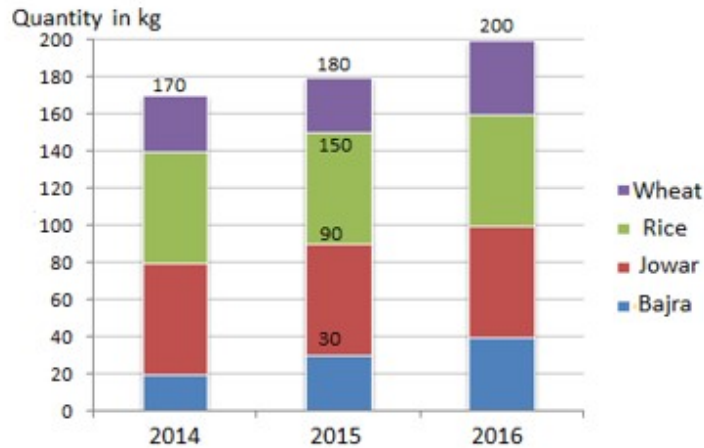
Q.7 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 3% per year rate of interest for 3 years.

- Ans**
- ☐ 1. 230
 - ☐ 2. 310
 - ☒ 3. 270
 - ☐ 4. 210

Q.8 Find the LCM of 8, 12, 18, 24 and 36.

- Ans**
- ☐ 1. 36
 - ☐ 2. 27
 - ☐ 3. 64
 - ☒ 4. 72

Q.9 The following bar graph represents the quantity of grains produced in a state in the years 2014, 2015 and 2016. Study the given bar graph and answer the question that follows.



What is the difference in the percentage of wheat production in the year 2014 to the percentage of wheat production in the year 2016? (Round up to two decimal places)

- Ans**
- ☐ 1. 3.45%
 - ☐ 2. 4.23%
 - ☐ 3. 1.92%
 - ☒ 4. 2.35%

Q.10 Shikha sells a bookshelf to Vansh at a loss of 5%, Vansh sells the same bookshelf to Swarnima at a profit of 10%, and Swarnima sells the same bookshelf to Nikhil at a loss of 20%. If Nikhil purchased the bookshelf for ₹16,720, then what was the cost (in ₹) of the bookshelf for Shikha?

- Ans**
- ☐ 1. 18,000
 - ☒ 2. 20,000
 - ☐ 3. 21,500
 - ☐ 4. 19,500

Q.11 Rohit made a profit of 22% when he sold a jacket for ₹7,930. Find the cost price of the jacket.

- Ans**
- ☐ 1. ₹7,000
 - ☒ 2. ₹6,500
 - ☐ 3. ₹6,000
 - ☐ 4. ₹7,500

- Q.12 The following table shows the production of different types of water bottles (in thousands) in different years.

Water Bottle Type/ Year	2009	2010	2011	2012	2013
A	896	636	587	473	576
B	573	753	637	560	884
C	678	287	586	780	986

The production of which type of water bottles was highest in the year 2012?

- Ans ☐ 1. B
☒ 2. C
☐ 3. Both B and C
☐ 4. A

- Q.13 What is the single equivalent price increase for two successive price increases of 12% and 18% on an article?

- Ans ☐ 1. 30.24%
☐ 2. 15%
☐ 3. 30%
☒ 4. 32.16%

- Q.14 The average age of a husband and wife, and their child 3 years ago, was 27 years, and that of the wife and the child 5 years ago was 20 years. The present age of the husband is:

- Ans ☐ 1. 50 years
☐ 2. 45 years
☒ 3. 40 years
☐ 4. 35 years

- Q.15 A cylindrical vessel of height 14 cm has outer and inner radii 14 cm and 10 cm, respectively. It is to be filled by transferring water in it by using a small cylinder of height 7 cm and outer and inner radii 7 cm and 5 cm, respectively. What will be the unfilled height of the big vessel after transferring water 6 times by using the smaller cylinder? (Use $\pi = \frac{22}{7}$)

- Ans ☐ 1. 2.2 cm
☐ 2. 3.8 cm
☒ 3. 3.5 cm
☐ 4. 2.9 cm

Q.16 Akshay wants to buy a 6 m wide cloth to make a conical tent having a radius of 12 m and height of 35 m. How many metres of cloth does he need to buy?

Take $\pi = \frac{22}{7}$ Note: Round off the decimals to the nearest whole number.

- Ans**
- ☒ 1. 233
 - ☐ 2. 239
 - ☐ 3. 234
 - ☐ 4. 231

Q.17 Divyansh invested $\frac{1}{4}$ of his capital at 10%, $\frac{1}{5}$ at 20% and the remaining at 30% simple interest per annum, respectively. If his annual income is ₹3,220, then find the capital (in ₹).

- Ans**
- ☐ 1. 17,000
 - ☒ 2. 14,000
 - ☐ 3. 13,500
 - ☐ 4. 15,300

Q.18 Maria buys a dress for ₹3,000. She could not decide between a discount of 35% and three successive discounts of 20%, 10% and 5%. The difference between both discounts (in ₹) is:

- Ans**
- ☐ 1. 68
 - ☐ 2. 0
 - ☐ 3. 20
 - ☒ 4. 102

Q.19 The sum of length and breadth of a rectangle is 68 m and the ratio of length and breadth is 11:23. What is the area of the rectangle (in m²)?

- Ans**
- ☐ 1. 253
 - ☐ 2. 976
 - ☒ 3. 1012
 - ☐ 4. 1331

Q.20 The average age of 40 students in a class is 12 years. The average age of the students increased by 4 months due to 20 new admissions in the class. The average age of the newly admitted students is:

- Ans**
- ☒ 1. 13 years
 - ☐ 2. 14 years 6 months
 - ☐ 3. 13 years 4 months
 - ☐ 4. 14 years

Section : Reasoning Ability and Problem Solving

Q.1 QFRG is related to NCVK in a certain way based on the English alphabetical order. In the same way, KZZO is related to HWDS. To which of the following is ETHW related, following the same logic?

- Ans**
- ☐ 1. BPMZ
 - ☒ 2. BQLA
 - ☐ 3. CRKB
 - ☐ 4. APLZ

Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
All bongos are sitars.
No cymbal is a sitar.
Conclusions:
[1] All sitars are bongos.
[2] Some bongos are cymbals.

- Ans**
- ☐ 1. Only conclusion [2] follows
 - ☐ 2. Only conclusion [1] follows
 - ☐ 3. Both conclusions [1] and [2] follow
 - ☒ 4. Neither conclusion [1] nor [2] follows

Q.3 In a certain code language, 'win his heart' is written as 'mt pq zr' and 'you will win' is written as 'zr ht gc'. How is 'win' written in the given language?

- Ans**
- ☐ 1. gc
 - ☒ 2. zr
 - ☐ 3. ht
 - ☐ 4. pq

Q.4 What will come in the place of '?' in the following equation, if '-' and '×' are interchanged and '+' and '÷' are interchanged?
 $28 \div 18 + 6 \times 6 - 4 = ?$

- Ans**
- ☐ 1. 17
 - ☐ 2. 14
 - ☒ 3. 7
 - ☐ 4. 9

Q.5 What should come in place of the question mark (?) in the given series?
25000, 5000, 1000, 200, 40, ?

- Ans**
- ☐ 1. 20
 - ☒ 2. 8
 - ☐ 3. 12
 - ☐ 4. 16

Q.6 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).
Statements: All crocs are frogs. All crocs are turtles.
Conclusions:
(I) All turtles are frogs.
(II) At least some frogs are crocs.

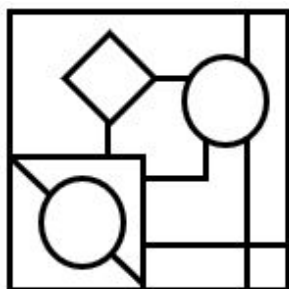
- Ans**
- ☐ 1. Both conclusions (I) and (II) follow.
 - ☒ 2. Only conclusion (II) follows.
 - ☐ 3. Only conclusion (I) follows.
 - ☐ 4. Neither conclusion (I) nor (II) follows.

Q.7 Select the option in which the given figure is embedded (rotation is NOT allowed).

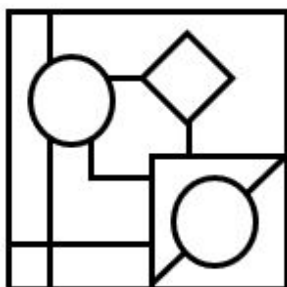


Ans

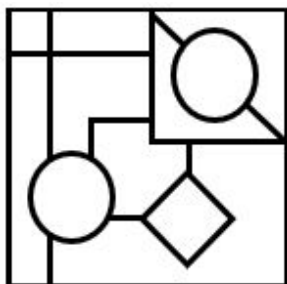
✓ 1.



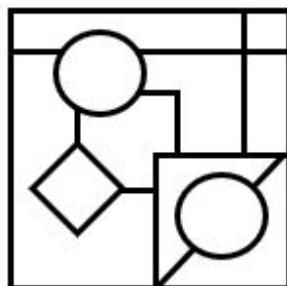
✗ 2.



✗ 3.



✗ 4.



Q.8 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(12, 77, 5)
(21, 87, 3)

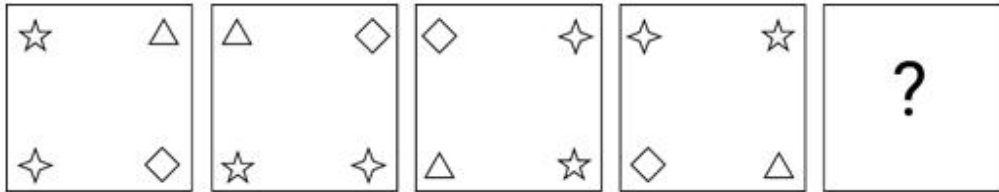
Ans ✗ 1. (12, 197, 3)

✓ 2. (15, 127, 7)

✗ 3. (11, 188, 6)

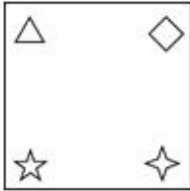
✗ 4. (17, 401, 9)

Q.9 Select the figure from the given options, which when put in place of the question mark (?) will logically complete the series.

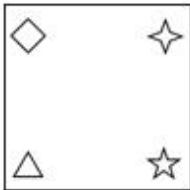


Ans

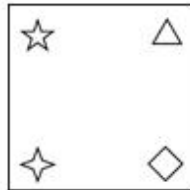
✗ 1.



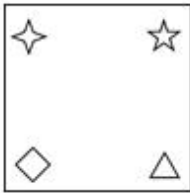
✗ 2.



✓ 3.



✗ 4.



Q.10 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

GKS, MQY, SWE, YCK, ?

Ans ✗ 1. EIO

✗ 2. EWR

✓ 3. EIQ

✗ 4. EQW

Q.11 Which two signs should be interchanged to make the given equation correct?

$$45 - 33 \div 3 \times 4 + 67 = 22$$

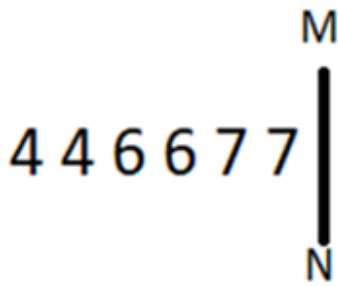
Ans ✗ 1. $\div$ and $\times$

✗ 2. $-$ and $\times$

✗ 3. $+$ and $\times$

✓ 4. $-$ and $+$

Q.12 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

- ☒ 1. 7 7 6 6 4 4
- ☒ 2. 4 4 9 9 7 7
- ☒ 3. 7 7 6 6 4 4
- ☒ 4. 7 7 9 9 4 4

Q.13 12 is related to 61 following a certain logic. Following the same logic, 15 is related to 76. To which of the following is 16 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans

- ☒ 1. 88
- ☒ 2. 81
- ☒ 3. 86
- ☒ 4. 84

Q.14 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

O	☆	R	R		X	X		R	R		E	
	X			O	☆		E		☆	X		?
V		E	E		V	V	☆	O	O		V	

Ans

✗ 1.

E	☆	R
	V	
X		O

✗ 2.

X		R
☆	E	
V		O

✗ 3.

O	☆	R
	X	
V		E

✓ 4.

E	☆	R
	O	
V		X

Q.15 Seven people R, S, T, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). G is sitting second to the right of E. Only one person is sitting between G and R. Only one person is sitting between R and T. F is sitting second to the left of D. D is an immediate neighbour of T. How many people are sitting between S and T when counted from the left of S?

Ans ✗ 1. Three

✓ 2. One

✗ 3. Two

✗ 4. Four

Q.16 Six people A, B, C, D, E and F are sitting around a circular table, facing the centre (but not necessarily in the same order). E is sitting second to the left of C. C is an immediate neighbour of both A and B. F is sitting third to the right of A. How many people are sitting between D and C when counted from the left of D?

Ans ✗ 1. 3

✓ 2. 2

✗ 3. 1

✗ 4. 4

Q.17 In a certain code language, 'they are smart' is written as 'bt mt rt' and 'she is smart' is written as 'rt kt st'. How is 'smart' written in the given code language?

Ans ✗ 1. kt

✗ 2. st

✓ 3. rt

✗ 4. mt

Q.18 In a certain code language, 253 stands for 'chairs are old', 378 stands for 'make good chairs' and 546 stands for 'lady is old'. Which of the following stands for 'are' in the same code language?

- Ans**
-  1. 3
 -  2. 5
 -  3. 4
 -  4. 2

Q.19 BEAR is related to YBXO in a certain way based on the English alphabetical order. In the same way, WATCH is related to TXQZE. To which of the following is LOTUS related, following the same logic?

- Ans**
-  1. IJQQP
 -  2. IKQRP
 -  3. ILQRP
 -  4. IJRRP

Q.20 In a certain code language, 'JOKE' is coded as 'NIOY' and 'TRICKY' is coded as 'XLMWOS'. What is the code for 'SPEAKERS' in the given code language?

- Ans**
-  1. WJIUOYUM
 -  2. WJILOYVM
 -  3. WJHUOYVM
 -  4. WJIUOYVM

Section : **General Awareness**

Q.1 In June 2023, which state Government launched a project named 'Pride' to provide employment opportunities to the transgender community in diverse and innovative sectors?

- Ans**
-  1. Kerala
 -  2. Rajasthan
 -  3. Goa
 -  4. Sikkim

Q.2 In December 2023, which former Tata Consultancy Services (TCS) CEO and MD joined the Indian Institute of Technology Bombay (IIT Bombay) as Head of Translational Research and Entrepreneurship?

- Ans**
-  1. Natarajan Chandrasekaran
 -  2. Subramaniam Ramadorai
 -  3. FC Kohli
 -  4. Rajesh Gopinathan

Q.3 Which of the following raw materials is NOT used to prepare the baking soda?

- Ans**
-  1. NH_3
 -  2. Na_2CO_3
 -  3. H_2O
 -  4. NaCl

Q.4 Which of the following States/Union Territories is included in the 'Areas of Inadequate Rainfall' of India?

- Ans**
-  1. Andaman and Nicobar Islands
 -  2. Meghalaya
 -  3. Haryana
 -  4. Ladakh

Q.5 Hampi Utsava is a colourful cultural festival that emulates the ethos and grandeur of which of the following empires?

- Ans**
-  1. Kadamba
 -  2. Vijayanagara
 -  3. Chalukya
 -  4. Satavahana

Q.6	Mangalampalli Balamuralikrishna was an Indian Carnatic singer born in Sankaraguptam village of which state?
Ans	1. Karnataka 2. Kerala 3. Andhra Pradesh 4. Tamil Nadu
Q.7	What is the duration for which a member of a House of Legislature of a State is, without permission of the House, absent from all meetings, thereof the house may declare his seat vacant?
Ans	1. 180 days 2. 60 days 3. 90 days 4. 30 days
Q.8	Which of the following countries hosted the ACC Under-19 Asia Cup cricket in the year 2023?
Ans	1. UAE 2. Pakistan 3. Sri Lanka 4. India
Q.9	In India, documented by a study, in which level of education is the majority of the population unemployed?
Ans	1. Middle school 2. Graduate and post-graduate 3. Matriculates 4. Primary school
Q.10	In the year 2010, Commonwealth Games was hosted by which of the following countries?
Ans	1. Canada 2. England 3. Australia 4. India
Q.11	Who among the following was the first President of Indian National congress?
Ans	1. George Yule 2. Dadabhai Naoroji 3. Badruddin Tyabji 4. Womesh Chandra Banerjee
Q.12	Which of the following are edible polysaccharides?
Ans	1. Sucrose, glucose and cellulose 2. Starch, alginates, pectins and chitosans 3. Methyl cellulose, chitin and actin 4. Cellulose, chitin and myosin
Q.13	What is the main purpose of the office of the Comptroller and Auditor General (CAG)?
Ans	1. Investigating and reporting on financial transactions 2. Regulating tax collection 3. Enforcing government policies 4. Formulating the national budget
Q.14	According to the census of India 2011, which of the following states has the highest percentage of rural population?
Ans	1. West Bengal 2. Assam 3. Uttar Pradesh 4. Bihar

Q.15 Odissi dancer _____ was awarded the Sangeet Natak Akademi Award 2022 in the dance category.

- Ans**
- ☒ 1. Kumkum Mohanty
 - ☒ 2. Shubhada Varadkar
 - ☒ 3. Niranjan Rout
 - ☒ 4. Debi Vasu

Q.16 Which of the following is a molecular compound?

- Ans**
- ☒ 1. CaO
 - ☒ 2. CO₂
 - ☒ 3. NaCl
 - ☒ 4. MgSO₄

Q.17 Who among the following is the author of the book 'The Hungry Tide'?

- Ans**
- ☒ 1. RK Narayan
 - ☒ 2. Mulk Raj Anand
 - ☒ 3. Ruskin Bond
 - ☒ 4. Amitav Ghosh

Q.18 The Parliamentary form of Government is a key feature given in the Indian Constitution and its provisions are detailed in Articles _____ of Part V (Chapter II).

- Ans**
- ☒ 1. 124 to 168
 - ☒ 2. 79 to 122
 - ☒ 3. 211 to 236
 - ☒ 4. 170 to 203

Q.19 Select the INCORRECT statement from the following.

- Ans**
- ☒ 1. The development of the cotton textile industry in Britain led to the decline of Indian textile producers.
 - ☒ 2. Cotton clothes made in England had driven Indian clothes out of the markets of Europe and America in the beginning of the 20th century.
 - ☒ 3. The Sale and Devang communities of South India were famous for weaving.
 - ☒ 4. The first cotton textile mill in India was established in Bombay in 1854.

Q.20 Coimbatore, which is located in the state of _____, is famous for the cotton textile industry.

- Ans**
- ☒ 1. Tamil Nadu
 - ☒ 2. Karnataka
 - ☒ 3. Kerala
 - ☒ 4. Andhra Pradesh

Q.21 The famous Jain temple of Dilwara, built by Solanki rulers, is located at which place?

- Ans**
- ☒ 1. Ajmer
 - ☒ 2. Surat
 - ☒ 3. Mount Abu
 - ☒ 4. Jaipur

Q.22 Who among the following was the famous ruler of the Gauda Kingdom?

- Ans**
- ☒ 1. Rajyavardhan
 - ☒ 2. Shashanka
 - ☒ 3. Grahavarman
 - ☒ 4. Rudradaman

Q.23 Eutrophication is a condition where excessive growth of algal bloom occurs on the surface of a water body because of abundant nutrients. Which of the following are the key nutrients for eutrophication?

- Ans**
- ☒ 1. Iron and nitrogen
 - ☒ 2. Phosphorus and iron
 - ☒ 3. Nitrogen and potassium
 - ☒ 4. Phosphorus and nitrogen

Q.24 In the South Indian temples, the pyramidal tower is called the _____.

- Ans**
- ☐ 1. mandapa
 - ☐ 2. vahan
 - ☐ 3. shikhara
 - ☒ 4. vimana

Q.25 'Dollu Kunitha' is primarily a folk dance of which of the following Indian states?

- Ans**
- ☒ 1. Karnataka
 - ☐ 2. Kerala
 - ☐ 3. Goa
 - ☐ 4. Tamil Nadu

Section : **English Language and Comprehension**

Q.1 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.
It is easiest to stay calm than to protest.

- Ans**
- ☐ 1. easy
 - ☒ 2. easier
 - ☐ 3. more easier
 - ☐ 4. the easier

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

This boy performed / extremely good / in the / dance competition.

- Ans**
- ☐ 1. in the
 - ☒ 2. extremely good
 - ☐ 3. This boy performed
 - ☐ 4. dance competition

Q.3 Select the most appropriate meaning of the given idiom.
'Hold someone's feet to the fire'

- Ans**
- ☐ 1. Take big risks without knowing the consequences
 - ☐ 2. Think over a new proposal
 - ☐ 3. Agree upon a shared venture with full conviction
 - ☒ 4. Insist that someone fulfil their promises or obligations

Q.4 Select the option that rectifies the spelling of the underlined word in the given sentence.

A hospital's hygine is the standard against which cleanliness is measured.

- Ans**
- ☐ 1. hygeine
 - ☐ 2. hygene
 - ☒ 3. hygiene
 - ☐ 4. higenie

Q.5 Select the most appropriate ANTONYM of the given word.

Sloppy

- Ans**
- ☐ 1. Untidy
 - ☐ 2. Rough
 - ☒ 3. Dashing
 - ☐ 4. Humid

Q.6 Select the most appropriate option to fill in the blank.

Some types of _____ suck blood.

- Ans**
- ☒ 1. leech
 - ☐ 2. latch
 - ☐ 3. leach
 - ☐ 4. leak

Q.7 Select the appropriate option to fill in the blank.

I haven't seen him _____ last week.

- Ans**
- ☐ 1. for
 - ☐ 2. to
 - ☒ 3. since
 - ☐ 4. beyond

Q.8 Select the most appropriate ANTONYM of the given word.

Disposed

- Ans**
- ☒ 1. Retained
 - ☐ 2. Minded
 - ☐ 3. Detained
 - ☐ 4. Pretended

Q.9 The following sentence has been divided into four segments. Identify the segment that has a grammatical error.
He will have to / knuckle up really seriously, / if he wants to / crack the upcoming deal.

- Ans**
- ☐ 1. if he wants to
 - ☒ 2. knuckle up really seriously
 - ☐ 3. crack the upcoming deal.
 - ☐ 4. He will have to

Q.10 The given sentence has an error. Select the option that correctly rectifies the error.

India is not on war with Pakistan.

- Ans**
- ☐ 1. not of
 - ☒ 2. not at
 - ☐ 3. for Pakistan
 - ☐ 4. at Pakistan

Q.11 Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.

We had to study a poem of lamentation, especially for the dead, written by Thomas Gray.

- Ans**
- ☐ 1. an essay
 - ☐ 2. a report
 - ☐ 3. an account
 - ☒ 4. an elegy

Q.12 Select the most appropriate option to fill in the blank.

Active community involvement _____ a sense of belonging and contributes to the overall well-being of society.

- Ans**
- ☒ 1. fosters
 - ☐ 2. forgets
 - ☐ 3. fails
 - ☐ 4. collects

Q.13 Parts of the following sentence have been given as options. Select the option that contains an error.

The team with a high motivation level succeeded in its project despite of the challenges it faced.

- Ans**
- ☐ 1. a high motivation level
 - ☒ 2. despite of the challenges it faced.
 - ☐ 3. succeeded in its project
 - ☐ 4. The team with

Q.14 Select the most appropriate idiom that can complete the given sentence.

Recent research says that most of our cottage industries lack finance. Thus, they are _____.

- Ans**
- ☐ 1. worn and torn
 - ☒ 2. thrown out of gear
 - ☐ 3. taking somebody for a ride
 - ☐ 4. under a cloud

Q.15 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Affiliate
 - ☐ 2. Anxious
 - ☒ 3. Apraisal
 - ☐ 4. Affliction

Q.16 Parts of the following sentence have been given as options. Select the option that contains an error.
Nagamani, a brave student, lodged a F.I.R. against the criminal.

- Ans**
- ☒ 1. a F.I.R.
 - ☐ 2. Nagamani, a brave
 - ☐ 3. student, lodged
 - ☐ 4. against the criminal

Q.17 Select the correct spelling of the underlined word in the given sentence.

The miracle of ressurrection is not medically proven.

- Ans**
- ☐ 1. ressurection
 - ☒ 2. resurrection
 - ☐ 3. resurreccion
 - ☐ 4. ressurection

Q.18 Select the most appropriate **ANTONYM** for the underlined word in the given sentence.

Such specifications have revived our designers and manufacturers, whereas this new arrangement will free them.

- Ans**
- ☐ 1. productive
 - ☐ 2. swatted
 - ☐ 3. senior
 - ☒ 4. restrain

Q.19 Select the most appropriate **ANTONYM** of the underlined word in the given sentence.

The mellow tune of the flute soothes me.

- Ans**
- ☐ 1. lyrical
 - ☒ 2. harsh
 - ☐ 3. golden
 - ☐ 4. quiet

Q.20 Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.

The practice of having two or more spouses at the same time was quite common in the olden days.

- Ans**
- ☒ 1. Parochialism
 - ☒ 2. Patriarchy
 - ☒ 3. Polygamy
 - ☒ 4. Patricide

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Throughout human history, there have been numerous, strange and unexplainable events that have occurred on our (1)_____. From mysterious disappearances to bizarre natural phenomena, these (2)_____ continue to captivate our imagination and spark curiosity. On 30 June 1908, a massive explosion (3)_____ in the remote Tunguska region of Siberia. The (4)_____ of the explosion is still debated, but it is believed to have been caused by a meteor or comet. Another fascinating phenomenon, the Bermuda Triangle is a region in the western part of the North Atlantic Ocean where ships and planes have mysteriously (5)_____.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. neighbourhood
 - ☒ 2. home
 - ☒ 3. country
 - ☒ 4. planet

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Throughout human history, there have been numerous, strange and unexplainable events that have occurred on our (1)_____. From mysterious disappearances to bizarre natural phenomena, these (2)_____ continue to captivate our imagination and spark curiosity. On 30 June 1908, a massive explosion (3)_____ in the remote Tunguska region of Siberia. The (4)_____ of the explosion is still debated, but it is believed to have been caused by a meteor or comet. Another fascinating phenomenon, the Bermuda Triangle is a region in the western part of the North Atlantic Ocean where ships and planes have mysteriously (5)_____.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. changes
 - ☒ 2. adventures
 - ☒ 3. advent
 - ☒ 4. events

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Throughout human history, there have been numerous, strange and unexplainable events that have occurred on our (1)_____. From mysterious disappearances to bizarre natural phenomena, these (2)_____ continue to captivate our imagination and spark curiosity. On 30 June 1908, a massive explosion (3)_____ in the remote Tunguska region of Siberia. The (4)_____ of the explosion is still debated, but it is believed to have been caused by a meteor or comet. Another fascinating phenomenon, the Bermuda Triangle is a region in the western part of the North Atlantic Ocean where ships and planes have mysteriously (5)_____.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. appeared
 - ☒ 2. took place
 - ☒ 3. came about
 - ☒ 4. conspired

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Throughout human history, there have been numerous, strange and unexplainable events that have occurred on our (1)_____. From mysterious disappearances to bizarre natural phenomena, these (2)_____ continue to captivate our imagination and spark curiosity. On 30 June 1908, a massive explosion (3)_____ in the remote Tunguska region of Siberia. The (4)_____ of the explosion is still debated, but it is believed to have been caused by a meteor or comet. Another fascinating phenomenon, the Bermuda Triangle is a region in the western part of the North Atlantic Ocean where ships and planes have mysteriously (5)_____.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. cause
 - ☐ 2. commencement
 - ☐ 3. stages
 - ☐ 4. beginning

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Throughout human history, there have been numerous, strange and unexplainable events that have occurred on our (1)_____. From mysterious disappearances to bizarre natural phenomena, these (2)_____ continue to captivate our imagination and spark curiosity. On 30 June 1908, a massive explosion (3)_____ in the remote Tunguska region of Siberia. The (4)_____ of the explosion is still debated, but it is believed to have been caused by a meteor or comet. Another fascinating phenomenon, the Bermuda Triangle is a region in the western part of the North Atlantic Ocean where ships and planes have mysteriously (5)_____.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. disappeared
 - ☐ 2. concealed
 - ☐ 3. besotted
 - ☐ 4. invisible

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	22/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The average of 42 numbers is 25 and that of other 28 numbers is 40. What is the average of all the numbers?

- Ans
- ☒ 1. 31
 - ☐ 2. 30
 - ☐ 3. 69
 - ☐ 4. 70

Q.2 The total surface area of a right circular cone is 704 cm^2 . If the radius of the cone is 7 cm, then the length of the slant height is:
(use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 31.5 cm
 - ☐ 2. 19 cm
 - ☒ 3. 25 cm
 - ☐ 4. 17.5 cm

Q.3 There are two types of dal. Type 1 dal costs ₹100 per kg and type 2 dal costs ₹120 per kg, respectively. If both the dal are mixed in the ratio 2 : 3, find the cost of the mixed dal per kg.

- Ans
- ☐ 1. ₹115
 - ☐ 2. ₹114
 - ☒ 3. ₹112
 - ☐ 4. ₹110

Q.4 Simplify.

$$20 \times 5 - 2 \times (4^3 \div 4) \div \frac{1}{2} + 11$$

- Ans
- ☐ 1. 100
 - ☒ 2. 47
 - ☐ 3. 80
 - ☐ 4. 63

Q.5 The selling price of 44 items is equal to the purchase price of 32 items. What is the profit or loss percent?

- Ans
- ☐ 1. $15\frac{3}{11}\%$ loss
 - ☐ 2. $21\frac{2}{9}\%$ profit
 - ☒ 3. $27\frac{3}{11}\%$ loss
 - ☐ 4. $27\frac{1}{9}\%$ profit

Q.6 Find the HCF of the numbers 216, 360 and 504.

- Ans
- ☐ 1. 180
 - ☐ 2. 108
 - ☐ 3. 252
 - ☒ 4. 72

Q.7 Aditya bought a mobile for ₹21,500 and sold it for ₹18,500. Find the loss percentage (up to two decimal places) in the complete process.

- Ans**
- ☐ 1. 11.25%
 - ☒ 2. 13.95%
 - ☐ 3. 10.69%
 - ☐ 4. 12.38%

Q.8 A mixture of 85 litres of alcohol and water contains 20% of water. How much water (in litres) must be added to the above mixture to make the water 25% of the resulting mixture?

- Ans**
- ☐ 1. $4\frac{1}{3}$
 - ☐ 2. $3\frac{2}{3}$
 - ☐ 3. $6\frac{1}{3}$
 - ☒ 4. $5\frac{2}{3}$

Q.9 During the evening patrolling, a policeman noticed a thief snatching a lady's mobile phone at a distance of 200 m. The thief starts running at a speed of 15 km/hr. If the policeman is chasing him at a speed of 16 km/hr, then the time taken to catch the thief is:

- Ans**
- ☐ 1. 24 minutes
 - ☐ 2. 18 minutes
 - ☐ 3. 30 minutes
 - ☒ 4. 12 minutes

Q.10 A television costs ₹20,500 for a trader. He fixes its marked price as ₹24,000 and gives a discount of 15%. He further gives a discount of 5% for cash payment. Find his percentage of profit or loss.

- Ans**
- ☒ 1. Loss $5\frac{19}{41}\%$
 - ☐ 2. Gain $5\frac{19}{14}\%$
 - ☐ 3. Loss $5\frac{1}{4}\%$
 - ☐ 4. Gain $5\frac{9}{4}\%$

Q.11 A refrigerator manufacturer earns 15% profit by selling each refrigerator for ₹17,250. If the production cost is increased by 18%, then what should be the selling price of a refrigerator so as to gain 18%?

- Ans**
- ☐ 1. ₹21,032
 - ☒ 2. ₹20,886
 - ☐ 3. ₹34,086
 - ☐ 4. ₹19,094

Q.12 In a box, Refrigerator covers and Washing Machine covers are in the ratio of 7 : 11. If the Washing Machine covers are 660, how many Refrigerator covers are there?

- Ans**
- ☒ 1. 420
 - ☐ 2. 430
 - ☐ 3. 410
 - ☐ 4. 400

Q.13 A cylindrical tube, which is open at both ends, is crafted from a metal. The internal diameter of the tube is 12 cm, and its length is 35 cm. The metal throughout has a thickness of 2 cm. Determine the total surface area (in cm^2) of the metal tube.

(Take $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 3854
 - ☐ 2. 3696
 - ☒ 3. 3256
 - ☐ 4. 3145

Q.14 When 80% of a number is added to 80, the result is the same number. Find the number.

- Ans**
- ☒ 1. 400
 - ☐ 2. 380
 - ☐ 3. 420
 - ☐ 4. 320

Q.15 P, Q and R start running around a circular track and complete one round in 18, 22 and 30 seconds, respectively. In how much time will they meet again at the starting point?

- Ans**
- ☒ 1. 16 min 30 sec
 - ☐ 2. 16 min 50 sec
 - ☐ 3. 11 min 30 sec
 - ☐ 4. 11 min 50 sec

Q.16 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 9% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 1040
 - ☐ 2. 1120
 - ☐ 3. 1020
 - ☒ 4. 1080

Q.17 The perimeter of a rhombus is 160 cm and one of its diagonals has a length 50 cm. Find the area (in cm^2) of the rhombus.

- Ans**
- ☐ 1. $300\sqrt{39}$
 - ☐ 2. $280\sqrt{39}$
 - ☐ 3. $175\sqrt{39}$
 - ☒ 4. $250\sqrt{39}$

Q.18 A borrows ₹7,500 for 4 years at 8% p.a. simple interest. B borrows the same amount at simple interest of 9% for the first year, 10% for the second year and 6% for the next two years. What is simple interest paid by A and B in total (in ₹)?

- Ans**
- ☐ 1. 4,275
 - ☒ 2. 4,725
 - ☐ 3. 4,175
 - ☐ 4. 4,545

Q.19 The average of runs scored by a player in 22 innings is 40 runs. How many runs should he score in the 23rd innings so that his average is increased by 6 runs?

- Ans**
- ☒ 1. 178 runs
 - ☐ 2. 188 runs
 - ☐ 3. 148 runs
 - ☐ 4. 158 runs

Q.20 What sum (in ₹) will earn a simple interest of ₹240 in 4 years at 8% per year rate of interest?

- Ans**
- ☒ 1. 750
 - ☐ 2. 1500
 - ☐ 3. 1000
 - ☐ 4. 375

Q.1 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(8, 24, 12)

(16, 20, 5)

- Ans
- ☒ 1. (17, 75, 18)
 - ☒ 2. (13, 24, 8)
 - ☒ 3. (19, 57, 12)
 - ☒ 4. (21, 88, 16)

Q.2 I, J, K, L, M, N and O are sitting around a circular table facing the centre (but not necessarily in the same order). J sits fourth to the right of I. K sits to the immediate right of J. L sits to the immediate right of I. N sits fourth to the left of M. M is not an immediate neighbour of K. How many people sit between O and N when counted from the right of O?

- Ans
- ☒ 1. 5
 - ☒ 2. 3
 - ☒ 3. 4
 - ☒ 4. 2

Q.3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some potatoes are tomatoes.

No tomato is an onion.

Conclusions:

(I) Some tomatoes may be potatoes.

(II) No potato is an onion.

- Ans
- ☒ 1. Only conclusion I follows
 - ☒ 2. Both conclusions I and II follow
 - ☒ 3. Only conclusion II follows
 - ☒ 4. Neither conclusion I nor II follows

Q.4 In a certain code language, 'LIFE' is coded as '5289' and 'FINE' is coded as '9758'. What is the code for 'N' in the given code language?

- Ans
- ☒ 1. 5
 - ☒ 2. 7
 - ☒ 3. 8
 - ☒ 4. 2

Q.5 Find the missing term in the below series:
B2, C3, E5, G7, __, M13, Q17.

- Ans
- ☒ 1. J10
 - ☒ 2. K11
 - ☒ 3. I10
 - ☒ 4. H7

Q.6 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). Exactly three people are sitting between A and B when counted from the right of A. Exactly two people are sitting between D and G when counted from the left of G. B is not an immediate neighbour of G. D is sitting to the immediate left of B. Exactly three people are sitting between E and F when counted from the right of E. B and E are not immediate neighbours. How many people are sitting between E and G when counted from the right of E?

- Ans
- ☒ 1. 4
 - ☒ 2. 3
 - ☒ 3. 1
 - ☒ 4. 2

Q.7 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$3 - 2 \div 8 \times 4 + 2 = ?$$

- Ans**
- ☒ 1. 5
 - ☐ 2. 8
 - ☐ 3. 17
 - ☐ 4. 14

Q.8 This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.

Statements:

All jugs are taps.

Some taps are hats.

Conclusions:

(I) Some taps are jugs.

(II) All hats are jugs.

- Ans**
- ☒ 1. Only conclusion (I) follows
 - ☐ 2. Neither conclusion (I) nor (II) follows
 - ☐ 3. Only conclusion (II) follows
 - ☐ 4. Both conclusions (I) and (II) follow

Q.9 DG 25 is related to FH 21 in a certain way. In the same way, GI 19 is related to IJ 15. To which of the following is MI 24 related, following the same logic?

- Ans**
- ☐ 1. PJ 20
 - ☐ 2. OK 20
 - ☐ 3. PO 20
 - ☒ 4. OJ 20

Q.10 IR15 is related to AJ27 in a certain way. In the same way, KT17 is related to CL29. To which of the following is MV48 related, following the same logic?

- Ans**
- ☐ 1. EL60
 - ☐ 2. EN66
 - ☒ 3. EN60
 - ☐ 4. EL66

Q.11 What should come in place of the question mark (?) in the following series?

15, 17, 21, 23, 27, ?, 33

- Ans**
- ☒ 1. 29
 - ☐ 2. 27
 - ☐ 3. 25
 - ☐ 4. 31

Q.12 What will come in place of the question mark (?) in the following equation if '+' and 'x' are interchanged and '-' and '÷' are interchanged?

$$14 \div 12 - 2 + 2 \times 16 = ?$$

- Ans**
- ☒ 1. 18
 - ☐ 2. 20
 - ☐ 3. 24
 - ☐ 4. 42

Q.13 UKCT is related to QGYF in a certain way based on the English alphabetical order. In the same way, LPBR is related to HLXN. To which of the following is DGYJ related, following the same logic?

- Ans**
- ☐ 1. XBUF
 - ☒ 2. ZCUF
 - ☐ 3. YCSE
 - ☐ 4. ZBSF

Q.14 In a certain code language, 'COPY' is coded as '2465' and 'PLAN' is coded as '3759'. What is the code for 'P' in the given code language?

- Ans**
- ☒ 1. 5
 - ☐ 2. 3
 - ☐ 3. 7
 - ☐ 4. 6

Q.15 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

23, 68
26, 77

- Ans**
- ☐ 1. 33, 96
 - ☐ 2. 32, 96
 - ☐ 3. 33, 95
 - ☒ 4. 32, 95

Q.16 In a certain code language, 'MELT' is coded as '6284' and 'TUNE' is coded as '9758'. What is the code for 'T' in that language?

- Ans**
- ☒ 1. 8
 - ☐ 2. 5
 - ☐ 3. 9
 - ☐ 4. 4

Q.17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All babies are cows.

No cow is a horse.

Conclusions:

[1] Some babies are horses.

[2] All horses can be cows.

- Ans**
- ☐ 1. Both conclusions [1] and [2] follow
 - ☐ 2. Only conclusion [2] follows
 - ☒ 3. Neither conclusion [1] nor [2] follows
 - ☐ 4. Only conclusion [1] follows

Q.18 In a certain code language, 'SANE' is coded as '5168' and 'GOAT' is coded as '6437'. What is the code for 'A' in the given code language?

- Ans**
- ☒ 1. 6
 - ☐ 2. 1
 - ☐ 3. 5
 - ☐ 4. 3

Q.19 What should come in place of the question mark (?) in the given series?

5, 15, 45, 135, 405, ?

- Ans**
- ☐ 1. 1315
 - ☐ 2. 1255
 - ☐ 3. 1125
 - ☒ 4. 1215

- Q.20** Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(5, 40, 7)
(12, 65, 5)
- Ans**  1. (9, 41, 5)
 2. (6, 24, 2)
 3. (2, 10, 3)
 4. (3, 14, 3)

Section : **General Awareness**

Q.1 In April 2023, who was appointed as the chairman of the National Technical Research Organisation (NTRO) by the centre?

- Ans**  1. Anil Dhasmana
 2. Arvind Kumar
 3. Arun Sinha
 4. Ajit Doval

Q.2 Organisation of agriculture and animal husbandry is included in which of the following Articles of the Indian Constitution?

- Ans**  1. Article 48
 2. Article 47
 3. Article 46
 4. Article 45

Q.3 In which of the following states are the Nor Westers known as 'Bardoisila'?

- Ans**  1. Goa
 2. Bihar
 3. Assam
 4. Odisha

Q.4 The famous English novel 'Em and the Big Hoom' is written by:

- Ans**  1. Amitav Ghosh
 2. Esther David
 3. Shashi Tharoor
 4. Jerry Pinto

Q.5 The Prime Minister in India is _____.

- Ans**  1. a nominal executive
 2. the head of the judiciary
 3. the real executive
 4. the Supreme Commander of Armed Forces

Q.6 In Union Budget 2023-24, annual production of 5 MMT under Green Hydrogen Mission is to be targeted by the year _____ to facilitate transition of the economy to low carbon intensity.

- Ans**  1. 2023
 2. 2030
 3. 2027
 4. 2032

Q.7 Which of the following is NOT a component of revenue receipt?

- Ans**  1. GST
 2. Grant received by UNESCO
 3. Fees paid for the registration of property
 4. Amount borrowed from World Bank

Q.8 Which of the following statements is/are correct?
A)Balshastr Jambhekar started the first Anglo- Maratha newspaper - 'Durpun', in 1832.
B)He is remembered as the father of Marathi journalism.
C)Balshastr Jambhekar published the first Marathi monthly magazine - 'Digdurshun' in 1840.

- Ans**
- ☒ 1. A, B and C
 - ☐ 2. Both A and B
 - ☐ 3. Only A
 - ☐ 4. Only B

Q.9 Alarmel Valli was associated with which of the following dances?

- Ans**
- ☒ 1. Bharatanatyam
 - ☐ 2. Manipuri
 - ☐ 3. Kathak
 - ☐ 4. Odissi

Q.10 According to the Census of India-2011, what is the share of workforce engaged in the agriculture sector?

- Ans**
- ☒ 1. 54.6%
 - ☐ 2. 48.9%
 - ☐ 3. 65.3%
 - ☐ 4. 45.8%

Q.11 What is the collection of Vedic hymns or 'mantras' called?

- Ans**
- ☐ 1. Upanishad
 - ☒ 2. Samhita
 - ☐ 3. Shruti
 - ☐ 4. Smriti

Q.12 Rani ki Vav is a UNESCO world heritage monument, situated in which of the following states?

- Ans**
- ☒ 1. Gujarat
 - ☐ 2. Haryana
 - ☐ 3. Maharashtra
 - ☐ 4. Karnataka

Q.13 Usha Barle, who won Padma Shri 2023, is popularly associated with which genre of music?

- Ans**
- ☒ 1. Pandwani
 - ☐ 2. Lavani
 - ☐ 3. Panihari
 - ☐ 4. Kajari

Q.14 According to the Census 2011, what was the annual population growth rate of India (in percentage)?

- Ans**
- ☐ 1. 2.22%
 - ☐ 2. 1.97%
 - ☐ 3. 2.16%
 - ☒ 4. 1.64%

Q.15 Which of the following is NOT an element of weather?

- Ans**
- ☐ 1. Temperature
 - ☒ 2. Plants
 - ☐ 3. Humidity
 - ☐ 4. Rainfall

Q.16 In which of the following years India hosted the Women's Asia Cup ODI Cricket?

- Ans**
- ☐ 1. 2007
 - ☒ 2. 2006
 - ☐ 3. 2005
 - ☐ 4. 2004

Q.17 According to the Census of India 2011, what was the population growth rate in Kerala?

- Ans
- ☒ 1. 4.91%
 - ☐ 2. 12.65%
 - ☐ 3. 8.10%
 - ☐ 4. 15.01%

Q.18 When protein-rich gelatinous egg white is heated, it turns to solid white due to:

- Ans
- ☐ 1. Gluten Formation
 - ☐ 2. Fermentation
 - ☒ 3. Protein Denaturation
 - ☐ 4. Emulsification

Q.19 Bathukamma festival is celebrated in which of the following states?

- Ans
- ☐ 1. Manipur
 - ☐ 2. Chhattisgarh
 - ☐ 3. Uttar Pradesh
 - ☒ 4. Telangana

Q.20 Which of the following is an example of the first garden-tomb on the Indian subcontinent?

- Ans
- ☐ 1. Safdarjung's tomb
 - ☐ 2. Tomb of Itimad-ud-Daulah
 - ☐ 3. Tomb of Tansen
 - ☒ 4. Humayun's tomb

Q.21 Which of the following organisms is used in bread and alcohol industries?

- Ans
- ☐ 1. Nitrobacter
 - ☐ 2. Penicillium
 - ☐ 3. Clostridium
 - ☒ 4. Yeast

Q.22 Identify the correct statement with reference to the Padma awards.

- Ans
- ☒ 1. The Padma Awards are given annually.
 - ☐ 2. The names of the awardees are never published in the Gazette of India.
 - ☐ 3. The Padma award can be used as a suffix or prefix to the awardees' name
 - ☐ 4. The total number of Padma awards to be given in a year should not more than 150.

Q.23 0.25 g of an organic compound, on treatment with fuming nitric acid followed by AgNO_3 , gave 0.22 g of AgBr . The percentage of bromine in the compound is _____.

- Ans
- ☒ 1. 37.45%
 - ☐ 2. 34.04%
 - ☐ 3. 50.00%
 - ☐ 4. 88.00%

Q.24 In which of the following Indian states is the M.A. Chidambaram Stadium located?

- Ans
- ☒ 1. Tamil Nadu
 - ☐ 2. Karnataka
 - ☐ 3. Kerala
 - ☐ 4. West Bengal

Q.25 The Indian Forest Service was created under the All India Service Act, 1951 in _____.

- Ans
- ☐ 1. 1954
 - ☐ 2. 1957
 - ☐ 3. 1060
 - ☒ 4. 1966

Q.1 Select the sentence with the most appropriate comparative degree.

- Ans**
- ☒ 1. She is the talentedest musician in the orchestra.
 - ☒ 2. She is the most talented musician in the orchestra.
 - ☒ 3. She is the talent of all musicians in the orchestra.
 - ☒ 4. She is more talented musician in the orchestra.

Q.2 Select the most appropriate option to fill in the blank.

She was a _____, _____ astronaut.

- Ans**
- ☒ 1. smart, Indian, tall
 - ☒ 2. tall, smart, Indian
 - ☒ 3. tall, Indian, smart
 - ☒ 4. smart, tall, Indian

Q.3 Select the most appropriate ANTONYM of the bracketed word in the sentence given below.

Surrounded by lush greenery, the house stood _____ (submissively) atop a hill.

- Ans**
- ☒ 1. Civilly
 - ☒ 2. Proudly
 - ☒ 3. Magically
 - ☒ 4. Silently

**Q.4 Read the following sentence and select its future tense form from the options given below:
Sarah and Fidha entered into an agreement to share the resources that are currently accessible.**

- Ans**
- ☒ 1. Sarah and Fidha had entered into an agreement to share the resources that are currently accessible.
 - ☒ 2. Sarah and Fidha were entered into an agreement to share the resources that are currently accessible.
 - ☒ 3. Sarah and Fidha are entering into an agreement to share the resources that are currently accessible.
 - ☒ 4. Sarah and Fidha will enter into an agreement to share the resources that are currently accessible.

**Q.5 Select the most appropriate meaning of the given idiom.
Let the cat out of the bag**

- Ans**
- ☒ 1. To release a cat out of a bag
 - ☒ 2. To buy a cat and a bag
 - ☒ 3. To not allow a cat into the bag
 - ☒ 4. To reveal a secret

**Q.6 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options.
Select the correct alternative.
Mary is the quieter student of the class.**

- Ans**
- ☒ 1. quietest
 - ☒ 2. most quiet
 - ☒ 3. quiet
 - ☒ 4. more quiet

**Q.7 Select the most appropriate ANTONYM of the given word.
Tranquil**

- Ans**
- ☒ 1. Shabby
 - ☒ 2. Composed
 - ☒ 3. Unquiet
 - ☒ 4. Serene

Q.8 Select the correct spelling to fill in the blank.

Wedding is an auspicious _____ for all.

- Ans**
- ☒ 1. occation
 - ☒ 2. ocassion
 - ☒ 3. occassion
 - ☒ 4. occasion

Q.9 Select the most appropriate option to fill in the blanks.

When Mr. Bhanot was told a few years back that he needed to lose _____ or face health problems, he transformed his life with the _____ of a personal trainer.

- Ans**
- ☒ 1. weight; help
 - ☐ 2. wait; assistance
 - ☐ 3. patience; guidance
 - ☐ 4. money; instructions

Q.10 Select the most appropriate synonym for the given word.
Species

- Ans**
- ☐ 1. Multiply
 - ☐ 2. Detail
 - ☒ 3. Type
 - ☐ 4. Whole

Q.11 Based on the situation in the sentence, choose the most appropriate idiom to fill in the blank.
You cannot _____ before replicating your successes and achievements multiple times; otherwise, people will deem your success a stroke of dumb luck.

- Ans**
- ☐ 1. sit on the fence
 - ☒ 2. rest on your laurels
 - ☐ 3. cut to the chase
 - ☐ 4. play devil's advocate

Q.12 Select the most appropriate option to fill in the blank.

Confession is good for the soul _____ after the soul has been claimed.

- Ans**
- ☐ 1. though
 - ☐ 2. still
 - ☒ 3. even
 - ☐ 4. since

Q.13 Select the most appropriate option to substitute the underlined segment in the given sentence.

Shebna decided to take a break in social media, but she found it difficult to disconnect completely.

- Ans**
- ☐ 1. a break up social media
 - ☐ 2. a break of social media
 - ☒ 3. a break from social media
 - ☐ 4. a break down social media

Q.14 Select the most appropriate ANTONYM of the given word.

Callous

- Ans**
- ☐ 1. Beguile
 - ☒ 2. Tender
 - ☐ 3. Desolate
 - ☐ 4. Augment

Q.15 Identify the word with a spelling error in the following sentence. Select the option that correctly rectifies the error.
In Shakespeare's play 'Hamlet', Hamlet's flaw is defined as procrustineition.

- Ans**
- ☐ 1. procrustination
 - ☐ 2. procristineition
 - ☐ 3. pracrostination
 - ☒ 4. procrastination

Q.16 Select the most appropriate option to fill in the blank.

I couldn't believe how _____ the math problem was; it took me hours to solve it.

- Ans**
- ☐ 1. simply
 - ☐ 2. good
 - ☒ 3. complicated
 - ☐ 4. easily

Q.17 In the given sentence, one of the four underlined words is incorrectly spelt. Identify the INCORRECTLY spelt word.

She dabbled in drawing and painting, but scalpture was her favourite medium.

- Ans**
- ☐ 1. drawing
 - ☐ 2. dabbled
 - ☒ 3. scalpture
 - ☐ 4. favourite

Q.18 Parts of the following sentence have been given as options. Select the option that contains a grammatical error.

Ms. Malathi is old much to join a college now.

- Ans**
- ☐ 1. Ms. Malathi is
 - ☒ 2. old much
 - ☐ 3. a college now
 - ☐ 4. to join

Q.19 Select the correct indefinite article to fill in the blank.

My neighbour is _____ passionate photographer.

- Ans**
- ☐ 1. an
 - ☐ 2. one
 - ☐ 3. the
 - ☒ 4. a

Q.20 Select the most appropriate synonym of the given word.
Commence

- Ans**
- ☐ 1. Exert
 - ☐ 2. Subvert
 - ☐ 3. Escort
 - ☒ 4. Start

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Education is fundamental for achieving full human potential, developing an equitable and (1)_____ society, and promoting national development. Providing universal (2)_____ quality education is the key to India's continued ascent, and leadership on the global stage in terms of economic growth, social justice and equality, scientific advancement, national integration, and cultural preservation. Universal high-quality education is the best way (3)_____ for developing and maximising our country's rich talents and resources for the good (4)_____ the individual, the society, the country and the world. India (5)_____ the highest population of young people in the world over the next decade, and our ability to provide high-quality educational opportunities to them will determine the future of our country.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. more
 - ☒ 2. just
 - ☐ 3. much
 - ☐ 4. such

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Education is fundamental for achieving full human potential, developing an equitable and (1)_____ society, and promoting national development. Providing universal (2)_____ quality education is the key to India's continued ascent, and leadership on the global stage in terms of economic growth, social justice and equality, scientific advancement, national integration, and cultural preservation. Universal high-quality education is the best way (3)_____ for developing and maximising our country's rich talents and resources for the good (4)_____ the individual, the society, the country and the world. India (5)_____ the highest population of young people in the world over the next decade, and our ability to provide high-quality educational opportunities to them will determine the future of our country.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. access to
 - ☐ 2. access for
 - ☐ 3. access at
 - ☐ 4. access from

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Education is fundamental for achieving full human potential, developing an equitable and (1)_____ society, and promoting national development. Providing universal (2)_____ quality education is the key to India's continued ascent, and leadership on the global stage in terms of economic growth, social justice and equality, scientific advancement, national integration, and cultural preservation. Universal high-quality education is the best way (3)_____ for developing and maximising our country's rich talents and resources for the good (4)_____ the individual, the society, the country and the world. India (5)_____ the highest population of young people in the world over the next decade, and our ability to provide high-quality educational opportunities to them will determine the future of our country.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. forward
 - ☐ 2. result
 - ☐ 3. outcome
 - ☐ 4. output

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Education is fundamental for achieving full human potential, developing an equitable and (1)_____ society, and promoting national development. Providing universal (2)_____ quality education is the key to India's continued ascent, and leadership on the global stage in terms of economic growth, social justice and equality, scientific advancement, national integration, and cultural preservation. Universal high-quality education is the best way (3)_____ for developing and maximising our country's rich talents and resources for the good (4)_____ the individual, the society, the country and the world. India (5)_____ the highest population of young people in the world over the next decade, and our ability to provide high-quality educational opportunities to them will determine the future of our country.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. at
 - ☒ 2. of
 - ☐ 3. for
 - ☐ 4. from

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Education is fundamental for achieving full human potential, developing an equitable and (1)_____ society, and promoting national development. Providing universal (2)_____ quality education is the key to India's continued ascent, and leadership on the global stage in terms of economic growth, social justice and equality, scientific advancement, national integration, and cultural preservation. Universal high-quality education is the best way (3)_____ for developing and maximising our country's rich talents and resources for the good (4)_____ the individual, the society, the country and the world. India (5)_____ the highest population of young people in the world over the next decade, and our ability to provide high-quality educational opportunities to them will determine the future of our country.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. were having
 -  2. might had
 -  3. will have
 -  4. can has

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	22/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The diagonals of two squares are in the ratio of 5 : 6. What is the ratio of their areas?

- Ans
- ☐ 1. 2 : 3
 - ☐ 2. 18 : 20
 - ☒ 3. 25 : 36
 - ☐ 4. 23 : 18

Q.2 The average height of 50 students in a class was 105 cm. A group of five students with an average height of 95 cm were admitted to this class. What is the average height (in cm) of the class of 55 students? (correct to the nearest integer)

- Ans
- ☐ 1. 105
 - ☐ 2. 100
 - ☒ 3. 104
 - ☐ 4. 102

Q.3 A person borrow some money on simple interest. After 15 years, the simple interest will be $\frac{19}{15}$ of the borrowed amount. What is the rate of interest per annum?

- Ans
- ☒ 1. $8\frac{4}{9}\%$
 - ☐ 2. $6\frac{4}{9}\%$
 - ☐ 3. $7\frac{4}{9}\%$
 - ☐ 4. $5\frac{4}{9}\%$

Q.4 In a scheme, a shopkeeper offers 4% discount if you buy three or more products. Ritu buys three bottles of guava juice for ₹330. If the shopkeeper still makes a profit of 10%, find the profit he would make if had sold it without discount (rounded off to 2 decimal places).

- Ans
- ☐ 1. 15%
 - ☐ 2. 15.28%
 - ☒ 3. 14.58%
 - ☐ 4. 15.74%

Q.5 Rajeev saves 75% of his monthly income. If his monthly expenditure is ₹37,500, then his monthly saving (in ₹) is:

- Ans
- ☐ 1. 1,11,500
 - ☒ 2. 1,12,500
 - ☐ 3. 1,20,250
 - ☐ 4. 1,10,500

Q.6 A person has to cover a distance of 8 km in 1 hour. If he covers one-fourth of the distance in one-third of the total time, then what should his speed (in km/h) be to cover the remaining distance in the remaining time so that the person reaches the destination exactly on time?

- Ans**
- ☐ 1. 6
 - ☒ 2. 9
 - ☐ 3. 7
 - ☐ 4. 8

Q.7 Raj prepares a 60 gm mixture by combining two ingredients X and Y. The cost of ingredient X is ₹80 per 5 gm, and the cost of ingredient Y is ₹80 per 10 gm. Ingredients X and Y are mixed in a manner that the cost of the resulting mixture is ₹14 per gm. What is the quantity of ingredient X (in gm) in the mixture?

- Ans**
- ☐ 1. 15
 - ☐ 2. 30
 - ☒ 3. 45
 - ☐ 4. 60

Q.8 Which of the following options is equal to the LCM of 12, 36, 72, 144, 288 and 576?

- Ans**
- ☐ 1. 288
 - ☒ 2. 576
 - ☐ 3. 144
 - ☐ 4. 72

Q.9 A earns ₹88 per hour and works for 10 hours. B earns ₹95 per hour and works for 8 hours. The ratio of per day wages of A to B is:

- Ans**
- ☐ 1. 19 : 21
 - ☒ 2. 22 : 19
 - ☐ 3. 19 : 22
 - ☐ 4. 21 : 19

Q.10 If the cost price of an article is 60% of its selling price, then the profit percentage is:

- Ans**
- ☒ 1. $66\frac{2}{3}\%$
 - ☐ 2. $43\frac{1}{3}\%$
 - ☐ 3. 40%
 - ☐ 4. $25\frac{1}{3}\%$

Q.11 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 5% per year rate of interest for 3 years.

- Ans**
- ☐ 1. 565
 - ☒ 2. 525
 - ☐ 3. 485
 - ☐ 4. 465

Q.12 Water in a conical flask with radius 7 cm and height 48 cm is poured into a cylindrical flask with radius 14 cm. The water level in the cylindrical flask is:

- Ans**
- ☒ 1. 4 cm
 - ☐ 2. 2 cm
 - ☐ 3. 5 cm
 - ☐ 4. 3 cm

Q.13 Walking at a speed of 5.4 km/h, Rohit takes 40 minutes to reach his school from his home. What time will he take if he walks 8 km/h?

- Ans**
- ☐ 1. 24 minutes
 - ☐ 2. 23 minutes
 - ☐ 3. 25 minutes
 - ☒ 4. 27 minutes

Q.14 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 3% per year rate of interest for 5 years.

- Ans
- ☐ 1. 485
 - ☒ 2. 525
 - ☐ 3. 565
 - ☐ 4. 465

Q.15 A tradesman marks his goods 25% above the cost price and allows his customers 12% reduction on their bills. What percentage profit does he make?

- Ans
- ☐ 1. 9%
 - ☐ 2. 12%
 - ☒ 3. 10%
 - ☐ 4. 11%

Q.16 John has scored 60% in statistics and 70% in mathematics. A weightage of 2 is given to statistics and a weightage of 4 is given to mathematics. Which of the following expressions represents the weighted average of the two scores?

- Ans
- ☐ 1. $\frac{2 \times 60\% \times 40 \times 70\%}{2 \times 4}$
 - ☐ 2. $\frac{2 \times 60\% + 4 \times 70\%}{2 \times 4}$
 - ☒ 3. $\frac{2 \times 60\% + 4 \times 70\%}{2 + 4}$
 - ☐ 4. $\frac{2 + 60\% \times 4 + 70\%}{2 + 4}$

Q.17 15 kg rice costing ₹60 per kg and 8 kg rice costing ₹55 per kg are mixed with 7 kg rice costing ₹40 per kg. Find the average per kg price of mixed rice.

- Ans
- ☒ 1. ₹54
 - ☐ 2. ₹56
 - ☐ 3. ₹48
 - ☐ 4. ₹45

Q.18 A hemispherical bowl of internal radius 24 cm contains liquid. The liquid is to be filled into cylindrical container of diameter 8 cm and height 12 cm. What is the number of containers that are necessary to empty the bowl?

- Ans
- ☐ 1. 45
 - ☐ 2. 39
 - ☐ 3. 50
 - ☒ 4. 48

Q.19 Simplify $\frac{\left(1 + \frac{5}{6} + \frac{7}{8} + \frac{11}{12}\right) \div \left(\frac{3}{4} - \frac{5}{8}\right)}{1\frac{3}{4}\left[3\frac{1}{8} \div \left\{6 - \left(2\frac{3}{4} - \frac{11}{12}\right)\right\}\right]}$.

- Ans
- ☐ 1. $\frac{454}{21}$
 - ☒ 2. $\frac{464}{21}$
 - ☐ 3. $\frac{434}{21}$
 - ☐ 4. $\frac{444}{21}$

Q.20 By selling an article for ₹19, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 40%?

- Ans**
- ☒ 1. 6.18
 - ☒ 2. 5.18
 - ☒ 3. 8.18
 - ☒ 4. 7.18

Section : Reasoning Ability and Problem Solving

Q.1 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
ADG, JMP, SVY, BEH, ?

- Ans**
- ☒ 1. LNQ
 - ☒ 2. KMO
 - ☒ 3. KNQ
 - ☒ 4. LMO

Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some plants are spices.

No spice is a lentil.

Conclusions:

(I) Some lentils are plants.

(II) Some spices are plants.

- Ans**
- ☒ 1. Only conclusion (II) follows
 - ☒ 2. Only conclusion (I) follows
 - ☒ 3. Neither conclusion (I) nor (II) follows
 - ☒ 4. Both conclusions (I) and (II) follow

Q.3 In a certain code language, 'FOIL' is coded as '1974' and 'LIFE' is coded as '7291'.
What is the code for 'E' in the given code language?

- Ans**
- ☒ 1. 9
 - ☒ 2. 1
 - ☒ 3. 2
 - ☒ 4. 7

Q.4 DBCA is related to HDFB in a certain way based on the English alphabetical order. In the same way, BACD is related to DBFH. To which of the following is FDAC related, following the same logic?

- Ans**
- ☒ 1. LHBF
 - ☒ 2. LBGH
 - ☒ 3. LPTG
 - ☒ 4. LEFG

Q.5 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All stars are planets.

Some planets are galaxies.

Conclusions:

(I) Some stars are galaxies.

(II) At least some galaxies are planets.

- Ans**
- ☒ 1. Only conclusion II follows
 - ☒ 2. Only conclusion I follows
 - ☒ 3. Both conclusion I and II follow
 - ☒ 4. Neither conclusion I nor II follows

Q.6 PMTQ is related to VSZW in a certain way based on the English alphabetical order. In the same way, LIPM is related to ROVS. To which of the following is IFMJ related, following the same logic?

- Ans**
- ☐ 1. LOSP
 - ☐ 2. OLPS
 - ☒ 3. OLSP
 - ☐ 4. LOPS

Q.7 What should come in place of '?' in the given series?

14, 30, 93, 470, 3297, ?

- Ans**
- ☒ 1. 36278
 - ☐ 2. 29682
 - ☐ 3. 36267
 - ☐ 4. 23086

Q.8 18 is related to 74 following a certain logic. Following the same logic, 22 is related to 90. To which of the following is 25 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 106
 - ☐ 2. 104
 - ☒ 3. 102
 - ☐ 4. 100

Q.9 In a certain code language, 'WANT' is coded as '8163' and 'THAN' is coded as '3468'. What is the code for 'H' in that language?

- Ans**
- ☒ 1. 4
 - ☐ 2. 3
 - ☐ 3. 8
 - ☐ 4. 1

Q.10 DZRG is related to HDOD in a certain way based on the English alphabetical order. In the same way, LHLA is related to PLIX. To which of the following is TPFU related, following the same logic?

- Ans**
- ☐ 1. YTDS
 - ☒ 2. XTCR
 - ☐ 3. YUBQ
 - ☐ 4. WSCQ

Q.11 In a certain code language, 'CASH' is coded as '2486' and 'HIRE' is coded as '3257'. What is the code for 'H' in the given code language?

- Ans**
- ☐ 1. 7
 - ☐ 2. 6
 - ☐ 3. 3
 - ☒ 4. 2

Q.12 What will come in the place of '?' in the following equation, if '+' and '×' are interchanged and '−' and '÷' are interchanged?
 $5 + 625 - 25 \times 75 \div 65 = ?$

- Ans**
- ☐ 1. 145
 - ☐ 2. 125
 - ☒ 3. 135
 - ☐ 4. 165

Q.13 What should come in place of the question mark (?) in the given series?

15, 20, 28, 41, 61, 90, ?

- Ans**
- ☐ 1. 139
 - ☒ 2. 130
 - ☐ 3. 135
 - ☐ 4. 132

Q.14 In a certain code language, 'PAID' is coded as '3195' and 'GRAB' is coded as '2346'. What is the code for 'A' in the given code language?

- Ans**
- ☒ 1. 3
 - ☐ 2. 2
 - ☐ 3. 4
 - ☐ 4. 1

Q.15 Which two signs should be interchanged to make the given equation correct?
 $35 + 60 \div 12 \times 4 - 12 = 203$

- Ans**
- ☐ 1. + and $\times$
 - ☐ 2. - and $\times$
 - ☐ 3. - and +
 - ☒ 4. $\div$ and $\times$

Q.16 Seven people R, S, T, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). R is sitting third to the right of D. Only one person is sitting between G and E when counted from the left of G. S is sitting to the immediate right of T. Only one person is sitting between G and T when counted from the right of G. Who is sitting third to the right of F?

- Ans**
- ☐ 1. G
 - ☐ 2. S
 - ☐ 3. D
 - ☒ 4. T

Q.17 21 is related to 189 following a certain logic. Following the same logic, 35 is related to 315. To which of the following is 43 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 397
 - ☐ 2. 395
 - ☐ 3. 385
 - ☒ 4. 387

Q.18 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All shirts are pants.

All pants are watches.

Conclusions:

(I) All pants are shirts.

(II) All shirts are watches.

- Ans**
- ☐ 1. Neither conclusion I nor II follows
 - ☒ 2. Only conclusion II follows
 - ☐ 3. Only conclusion I follows
 - ☐ 4. Both conclusions I and II follow

- Q.19** Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding / subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(2, 9, 21)
(1, 4, 15)
- Ans**  1. (3, 6, 12)
 2. (2, 7, 14)
 3. (6, 5, 21)
 4. (1, 3, 11)

- Q.20** Six friends - A, B, C, D, E and F are sitting around a circular table facing away from the centre (but not necessarily in the same order). F is an immediate neighbour of both B and C. D is sitting second to the right of B. A is sitting to the immediate right of D. Who among the following is sitting to the second to the left of F?
- Ans**  1. A
 2. D
 3. E
 4. B

Section : **General Awareness**

- Q.1** Who became the first woman to command the Armed Forces Transfusion Centre, Delhi Cantt, which is the largest blood transfusion centre of the Armed Forces in Nov 2023?

- Ans**  1. Col Sunita BS
 2. Col Shaliza Sharma
 3. Major Anjali Bhagwat
 4. Lt Col Pooja Thakur

- Q.2** Which of the following cities is known as the Steel City in India?

- Ans**  1. Jamshedpur
 2. Patna
 3. Ranchi
 4. Mumbai

- Q.3** A particular cell present in the excretory system of flatworms, which helps them removing waste materials is the:

- Ans**  1. lacis cell
 2. passage cell
 3. cnidoblast cell
 4. flame cell

- Q.4** Which of the following fictional towns is mentioned in the English novel 'In Custody' written by Anita Desai?

- Ans**  1. Mirpore
 2. Lilliput
 3. Malgudi
 4. Kanthapura

- Q.5** In which state are the Gua and Noamundi iron ore mines located?

- Ans**  1. Karnataka
 2. Maharashtra
 3. Chhattisgarh
 4. Jharkhand

- Q.6** In 1992, which organisation launched Self Help Group – Bank Linkage Programme?

- Ans**  1. SBI
 2. NABARD
 3. RBI
 4. SEBI

Q.7 Consider the following statements in the context of the Vedas.
1.The Vedas are called Shruti.
2.The Rigveda consists of ten Mandalas.
Which of the statements given above is/are correct?

- Ans**
-  1. Neither 1 nor 2
 -  2. Only 1
 -  3. Both 1 and 2
 -  4. Only 2

Q.8 As per the Constitution (Ninety-First Amendment) Act, 2003, the total number of ministers, including the Prime Minister, shall NOT exceed:

- Ans**
-  1. 25% of the total number of members of the Lok Sabha
 -  2. 10% of the total number of members of the Lok Sabha
 -  3. 15% of the total number of members of the Lok Sabha
 -  4. 20% of the total number of members of the Lok Sabha

Q.9 In Dholavira, which of the following materials is extensively used as a building material?

- Ans**
-  1. Bricks
 -  2. Granite
 -  3. Cement
 -  4. Stone

Q.10 Which Article of the Constitution of India provides provision for appointment of the same person as the Governor for two or more states?

- Ans**
-  1. Article 153
 -  2. Article 158(2)
 -  3. Article 158
 -  4. Article 157

Q.11 The concept of Concurrent List in the Indian Constitution is borrowed from the Constitution of _____.

- Ans**
-  1. Britain
 -  2. Russia
 -  3. Australia
 -  4. USA

Q.12 Who among the following was the pioneer of 'Bhoodan Movement'?

- Ans**
-  1. Bhimrao Ambedkar
 -  2. Vallabh bhai Patel
 -  3. Jawaharlal Nehru
 -  4. Acharya Vinoba Bhave

Q.13 When was the Ustad Bismillah Khan Yuva Puraskar, an award given by the Sangeet Natak Akademi to outstanding artists under 40 who have demonstrated talent in the fields of music, dance and theatre, started?

- Ans**
-  1. 2008
 -  2. 2006
 -  3. 2010
 -  4. 2002

Q.14 What is the primary acid found in citrus fruits like oranges and lemons?

- Ans**
-  1. Lactic acid
 -  2. Citric acid
 -  3. Acetic acid
 -  4. Tartaric acid

Q.15 Who among the following Governor-Generals declared 'Sati' practice as illegal?

- Ans**
-  1. Lord Canning
 -  2. Lord William Bentinck
 -  3. Lord Dalhousie
 -  4. Lord Lytton

Q.16 In a metro station, it was observed that on an average 20 people per minute were using the escalator to reach at a height of 15 metres. Calculate the power of the escalator assuming the average mass of people to be 50 kg and acceleration due to gravity to be 10 m/s^2 .

- Ans**
-  1. 2.5 kW
 -  2. 1.25 kW
 -  3. 150 kW
 -  4. 15 kW

Q.17 In which of the following classical dance forms are the actors' faces painted to symbolise the type of character they are playing?

- Ans**
-  1. Odissi
 -  2. Kathak
 -  3. Kathakali
 -  4. Bharatanatyam

Q.18 Indian classical musician, Ustad Rashid Khan was awarded the Padma Bhushan in 2022 for his contribution to which of the following music categories?

- Ans**
-  1. Folk music
 -  2. Carnatic music
 -  3. Qawwali
 -  4. Hindustani classical music

Q.19 Which of the following government initiatives focuses on skill development to reduce open unemployment among youth in India?

- Ans**
-  1. Swachh Bharat Abhiyan
 -  2. Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA)
 -  3. PM KUSUM
 -  4. Pradhan Mantri Kaushal Vikas Yojana (PMKVY)

Q.20 How many titles did West Bengal win in the Santosh Trophy events up to the 2022-23 season?

- Ans**
-  1. 29
 -  2. 30
 -  3. 15
 -  4. 32

Q.21 In which of the following states is the Bhadaravi Poonam Mela organised every year in the Nilkanth Mahadev temple premises in Babra?

- Ans**
-  1. Himachal Pradesh
 -  2. Uttarakhand
 -  3. Rajasthan
 -  4. Gujarat

Q.22 What is the rank of Sri Lanka in the Global Hunger Index (GHI) 2023?

- Ans**
-  1. 80
 -  2. 60
 -  3. 69
 -  4. 95

Q.23 The climatic diversity of India is characterised by its distinctiveness, and one of the following factors does NOT contribute to it is _____.

- Ans**
- ☐ 1. topography
 - ☐ 2. latitudinal extent
 - ☐ 3. vegetation
 - ☒ 4. longitudinal extent

Q.24 The rock-cut temple of Shiva built by Krishna I is found at which of the following places?

- Ans**
- ☐ 1. Mahabalipuram
 - ☒ 2. Ellora
 - ☐ 3. Kannauj
 - ☐ 4. Manyakhet

Q.25 In which of the following year did India win the ICC T20 Men's Cricket World Cup?

- Ans**
- ☒ 1. 2007
 - ☐ 2. 2012
 - ☐ 3. 2009
 - ☐ 4. 2010

Section : **English Language and Comprehension**

Q.1 Select the most appropriate ANTONYM of the given word.
Chaotic

- Ans**
- ☐ 1. Dressed
 - ☐ 2. Confused
 - ☒ 3. Systematic
 - ☐ 4. Obscure

Q.2 Select the most appropriate option to fill in the blank.

By next summer, they will be _____ their house.

- Ans**
- ☐ 1. renovates
 - ☒ 2. renovating
 - ☐ 3. renovate
 - ☐ 4. renovated

Q.3 Select the INCORRECTLY spelt word..

- Ans**
- ☐ 1. Astronaut
 - ☒ 2. Oppertunity
 - ☐ 3. Immigration
 - ☐ 4. Appearance

Q.4 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The blanket gifted by my granny is softer and cozy.

- Ans**
- ☐ 1. more soft
 - ☒ 2. soft
 - ☐ 3. softest
 - ☐ 4. softly

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Everyone in the room was in a jolly and relaxed mood.

- Ans**
- ☐ 1. more jollier
 - ☒ 2. No substitution required
 - ☐ 3. most jolly
 - ☐ 4. jollier

Q.6 Select the most appropriate ANTONYM of the given word.

Captivity

- Ans**
- ☒ 1. Liberty
 - ☐ 2. Ethnicity
 - ☐ 3. Authenticity
 - ☐ 4. Entity

Q.7 Select the most appropriate meaning of the underlined word in the given sentence.
Urban people have a bombastic lifestyle, which is very different from those of rural folks.

- Ans**
- ☒ 1. Pretentious
 - ☐ 2. Common
 - ☐ 3. Hollow
 - ☐ 4. Delusive

Q.8 Select the most appropriate meaning of the given idiom.

Out of spirits

- Ans**
- ☐ 1. Obsolete
 - ☐ 2. Cheerful
 - ☐ 3. Hurt
 - ☒ 4. Gloomy

Q.9 Select the option that rectifies the spelling of the underlined word in the given sentence.

The police informed the statesman that the goons were up to something mischievious.

- Ans**
- ☐ 1. mischeivous
 - ☐ 2. mischevious
 - ☐ 3. mischevous
 - ☒ 4. mischievous

Q.10 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The unexpected guest at the party was a bull in a China shop.

- Ans**
- ☐ 1. careful and compassionate
 - ☐ 2. influential and meticulous
 - ☐ 3. leisurely and relaxed
 - ☒ 4. careless and damaging

Q.11 Select the most appropriate option to fill in the blank.

She treats her juniors _____ contempt.

- Ans**
- ☐ 1. for
 - ☐ 2. in
 - ☐ 3. by
 - ☒ 4. with

Q.12 Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.

Almost as wide as he was tall, he had a voracious appetite for food and drink and a rollicking personality to match.

- Ans**
- ☐ 1. imminent
 - ☐ 2. vehement
 - ☐ 3. venerable
 - ☒ 4. insatiable

Q.13 Select the most appropriate synonym of the word 'illuminate' from the given sentence.
The toughest and most typical question in the examination was to elucidate a particular theory related to friction in physics.

- Ans**
- ☐ 1. Theory
 - ☐ 2. Typical
 - ☐ 3. Particular
 - ☒ 4. Elucidate

Q.14 Select the word segment from the given options that substitutes the highlighted word segment correctly and completes the sentence meaningfully: -

Each of the participants were given a certificate.

- Ans**
- ☒ 1. was given
 - ☐ 2. are given
 - ☐ 3. have given
 - ☐ 4. have been given

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

They was / celebrating their / Silver wedding anniversary / next month in Dubai.

- Ans**
- ☐ 1. Silver wedding anniversary
 - ☐ 2. next month in Dubai
 - ☐ 3. celebrating their
 - ☒ 4. They was

Q.16 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

The new employee is really trying to fit in, but sometimes he feels out of place and uncomfortable.

- Ans**
- ☐ 1. a bird of a feather
 - ☒ 2. a fish out of water
 - ☐ 3. a needle in a haystack
 - ☐ 4. a diamond in the rough

Q.17 The following sentence contains an error. Select the option that correctly rectifies the error.

If I was a king, I would have tried my best to remove poverty from my country.

- Ans**
- ☐ 1. I would has tried
 - ☐ 2. on my country
 - ☐ 3. my best by remove poverty
 - ☒ 4. If I were a king,

Q.18 The given sentence has an error. Select the option that rectifies the error.

The students were asked to turn up their assignments by Friday.

- Ans**
- ☒ 1. turn in their assignments
 - ☐ 2. their assignment by Friday
 - ☐ 3. The students asked to
 - ☐ 4. asked turn up their assignments

Q.19 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Occassion
 - ☐ 2. Illustration
 - ☐ 3. Boundary
 - ☐ 4. Efficient

Q.20 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

The manager decided to disclose a secret and address the issue at the team meeting.

- Ans**
- ☐ 1. sweep it under the rug
 - ☐ 2. hit the nail on the head
 - ☒ 3. spill the beans
 - ☐ 4. bury the hatchet

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In recent years, the central and state governments in India have been taking special steps to __1__ foreign companies to invest in India. Industrial zones, called Special Economic Zones (SEZs), are being __2__. SEZs have world-class facilities, including electricity, water, roads, transport, storage, recreational, and educational facilities. Companies that set up production units in the SEZs do not have to pay taxes for an initial period of five years. The government has also __3__ flexibility in the labour laws to attract foreign investment. In recent years, the government has allowed companies to __4__ many of these provisions. Instead of hiring workers on a regular basis, companies hire workers 'flexibly' for short periods when there is __5__ pressure of work. This is done to reduce the cost of labour for the company. However, some foreign companies are not satisfied, and they are demanding more in labour laws, citing the need for greater operational efficiency.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. abhor
 - ☒ 2. fulfil
 - ☒ 3. attract
 - ☒ 4. deplore

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In recent years, the central and state governments in India have been taking special steps to __1__ foreign companies to invest in India. Industrial zones, called Special Economic Zones (SEZs), are being __2__. SEZs have world-class facilities, including electricity, water, roads, transport, storage, recreational, and educational facilities. Companies that set up production units in the SEZs do not have to pay taxes for an initial period of five years. The government has also __3__ flexibility in the labour laws to attract foreign investment. In recent years, the government has allowed companies to __4__ many of these provisions. Instead of hiring workers on a regular basis, companies hire workers 'flexibly' for short periods when there is __5__ pressure of work. This is done to reduce the cost of labour for the company. However, some foreign companies are not satisfied, and they are demanding more in labour laws, citing the need for greater operational efficiency.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. set up
 - ☒ 2. obeyed
 - ☒ 3. wound up
 - ☒ 4. dismantled

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In recent years, the central and state governments in India have been taking special steps to __1__ foreign companies to invest in India. Industrial zones, called Special Economic Zones (SEZs), are being __2__. SEZs have world-class facilities, including electricity, water, roads, transport, storage, recreational, and educational facilities. Companies that set up production units in the SEZs do not have to pay taxes for an initial period of five years. The government has also __3__ flexibility in the labour laws to attract foreign investment. In recent years, the government has allowed companies to __4__ many of these provisions. Instead of hiring workers on a regular basis, companies hire workers 'flexibly' for short periods when there is __5__ pressure of work. This is done to reduce the cost of labour for the company. However, some foreign companies are not satisfied, and they are demanding more in labour laws, citing the need for greater operational efficiency.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. suffered
 - ☒ 2. allowed
 - ☒ 3. invited
 - ☒ 4. winked

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In recent years, the central and state governments in India have been taking special steps to __1__ foreign companies to invest in India. Industrial zones, called Special Economic Zones (SEZs), are being __2__. SEZs have world-class facilities, including electricity, water, roads, transport, storage, recreational, and educational facilities. Companies that set up production units in the SEZs do not have to pay taxes for an initial period of five years. The government has also __3__ flexibility in the labour laws to attract foreign investment. In recent years, the government has allowed companies to __4__ many of these provisions. Instead of hiring workers on a regular basis, companies hire workers 'flexibly' for short periods when there is __5__ pressure of work. This is done to reduce the cost of labour for the company. However, some foreign companies are not satisfied, and they are demanding more in labour laws, citing the need for greater operational efficiency.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. effect
 - ☒ 2. ignore
 - ☒ 3. flounder
 - ☒ 4. distort

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In recent years, the central and state governments in India have been taking special steps to __1__ foreign companies to invest in India. Industrial zones, called Special Economic Zones (SEZs), are being __2__. SEZs have world-class facilities, including electricity, water, roads, transport, storage, recreational, and educational facilities. Companies that set up production units in the SEZs do not have to pay taxes for an initial period of five years. The government has also __3__ flexibility in the labour laws to attract foreign investment. In recent years, the government has allowed companies to __4__ many of these provisions. Instead of hiring workers on a regular basis, companies hire workers 'flexibly' for short periods when there is __5__ pressure of work. This is done to reduce the cost of labour for the company. However, some foreign companies are not satisfied, and they are demanding more in labour laws, citing the need for greater operational efficiency.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. mechanical
 - ☒ 2. inadequate
 - ☒ 3. intense
 - ☒ 4. artificial

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	22/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 The cost price of some table lamps is ₹25,000. The shopkeeper will get ₹15,000 more if he sells these table lamps for ₹1,200 per lamp instead of ₹900 per lamp. Find the selling price of 23 table lamps if he earned 21% profit.

- Ans**
- ☐ 1. ₹14,917
 - ☐ 2. ₹12,585
 - ☐ 3. ₹12,919
 - ☒ 4. ₹13,915

Q.2 A farmer mixes two varieties of rice of price ₹60 per kg and ₹30 per kg in the ratio of 1 : 2. He sold the mixture for ₹3,000 to earn a profit of 25%. Find the quantity of rice of cost ₹60 per kg in the mixture.

- Ans**
- ☐ 1. 22 kg
 - ☐ 2. 18 kg
 - ☒ 3. 20 kg
 - ☐ 4. 15 kg

Q.3 The average weight of 16 containers is 80 kg. If 8 new containers are added, the new average increases by 2.5 kg. The average weight of the 8 new containers is:

- Ans**
- ☒ 1. 87.5 kg
 - ☐ 2. 87 kg
 - ☐ 3. 82.5 kg
 - ☐ 4. 160 kg

Q.4 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 3% per year rate of interest for 4 years.

- Ans**
- ☒ 1. 420
 - ☐ 2. 380
 - ☐ 3. 460
 - ☐ 4. 360

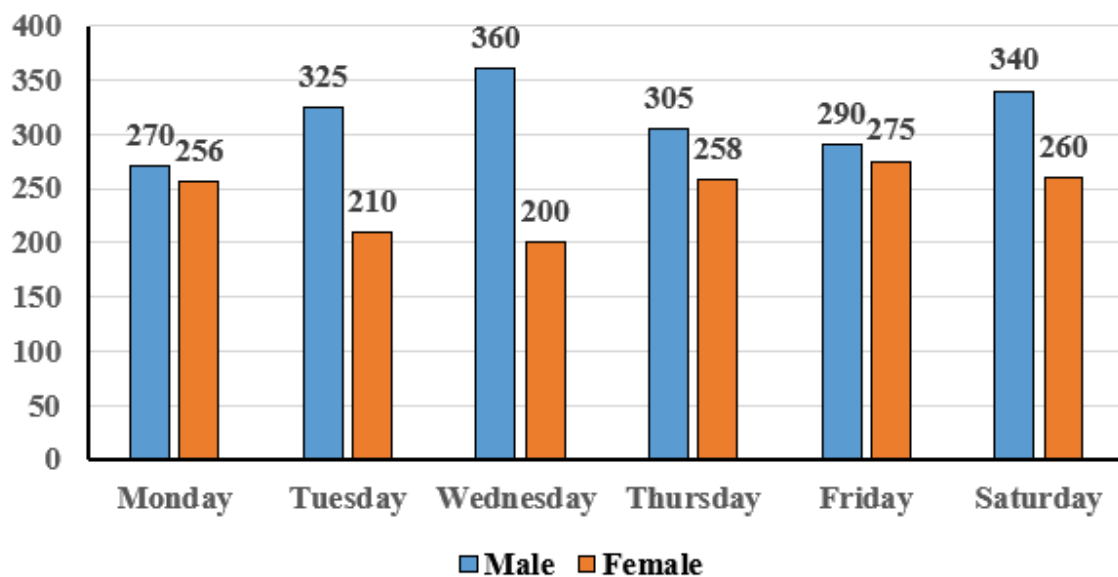
Q.5 A solid metal cone of height 30 cm and radius of base 10 cm is melted in to the form of a solid sphere. Find the radius of the sphere (in cm).

- Ans**
- ☒ 1. $5\sqrt[3]{6}$
 - ☐ 2. $6\sqrt[3]{5}$
 - ☐ 3. $5\sqrt{6}$
 - ☐ 4. $6\sqrt{5}$

Q.6

The bar graph shows the gender-wise number of visitors in a library over 6 days.

Gender-wise number of visitors



Find the ratio of the number of male and female visitors on the day having maximum visitors.

- Ans
- ☒ 1. 9 : 5
 - ☒ 2. 65 : 42
 - ☒ 3. 58 : 55
 - ☒ 4. 17 : 13

Q.7 Find the area of an equilateral triangle whose side is 16 cm.

- Ans
- ☒ 1. $68\sqrt{3}\text{cm}^2$
 - ☒ 2. $60\sqrt{3}\text{cm}^2$
 - ☒ 3. $62\sqrt{3}\text{cm}^2$
 - ☒ 4. $64\sqrt{3}\text{cm}^2$

Q.8 Find the LCM of 9, 21 and 63

- Ans
- ☒ 1. 3
 - ☒ 2. 9
 - ☒ 3. 72
 - ☒ 4. 63

Q.9 If the total surface area of a hemisphere is 1848 m^2 , then the diameter (in m) of the hemisphere is: (Use $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 14
 - ☒ 2. 7
 - ☒ 3. 21
 - ☒ 4. 28

Q.10 The given table shows data for the month of April 2023.

Company	Total number of employees	Number of female employees
W	16258	7580
X	12350	6950
Y	13090	7850
Z	14780	8590

What is the difference between the number of male employees in company Z and that in company X?

- Ans
- ☐ 1. 680
 - ☒ 2. 790
 - ☐ 3. 820
 - ☐ 4. 975

Q.11

If the cost price of an article is 70.5% of its selling price, what is the profit percentage (rounded off to 1 decimal place)?

- Ans
- ☐ 1. 39.5%
 - ☒ 2. 41.8%
 - ☐ 3. 42.7%
 - ☐ 4. 51.6%

Q.12 The mean of the first 7 odd prime numbers is (rounded off to two decimal places):

- Ans
- ☐ 1. 5.41
 - ☒ 2. 10.71
 - ☐ 3. 8.61
 - ☐ 4. 7.91

Q.13 A's salary increases by 60% and then decreases by 30%. On the whole, A's salary is increased by _____?

- Ans
- ☐ 1. 72%
 - ☒ 2. 12%
 - ☐ 3. 30%
 - ☐ 4. 48%

Q.14 Find the fourth proportional of $4a + 7$, $11a + 3$ and $6a$ if $a = 2$.

- Ans
- ☒ 1. 20
 - ☐ 2. 25
 - ☐ 3. 30
 - ☐ 4. 15

Q.15 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 5% per year rate of interest for 6 years.

- Ans
- ☒ 1. 1050
 - ☐ 2. 990
 - ☐ 3. 1010
 - ☐ 4. 1090

Q.16 A shopkeeper gives 4 shirts free on buying 6 shirts. Find the percentage of discount given to the customers.

- Ans
- ☐ 1. 10%
 - ☒ 2. 40%
 - ☐ 3. 30%
 - ☐ 4. 20%

Q.17 A train 315 m long is running at a speed of 54 km/h. What time will it take to cross a pole on its route?

- Ans
- ☐ 1. 18 s
 - ☒ 2. 21 s
 - ☐ 3. 20 s
 - ☐ 4. 19 s

Q.18 Find the average of the the first 15 multiples of 5.

- Ans
- ☒ 1. 40
 - ☐ 2. 35
 - ☐ 3. 45
 - ☐ 4. 30

Q.19 Ravi walks a circular track of 1680m in circumference. If the speed of Ravi is 140m/min, then the time to cover one round is equal to:

- Ans
- ☒ 1. 12 min
 - ☐ 2. 10 min
 - ☐ 3. 14 min
 - ☐ 4. 8 min

Q.20 Pooja invested a certain sum in a scheme at simple interest of $r\%$ per annum for 12.5 years and get interest equal to $\frac{3}{4}$ of sum invested. The value of r is:

- Ans
- ☒ 1. 6
 - ☐ 2. $7\frac{1}{2}$
 - ☐ 3. 4
 - ☐ 4. $5\frac{3}{4}$

Section : Reasoning Ability and Problem Solving

Q.1 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All oranges are apples.

Some apples are kiwis.

Conclusions:

(I) Some oranges are not kiwis.

(II) All apples are oranges.

- Ans
- ☐ 1. Both conclusion I and II follow
 - ☐ 2. Only conclusion II follows
 - ☐ 3. Only conclusion I follows
 - ☒ 4. Neither conclusion I nor II follows

Q.2 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1.
 - ☒ 2.
 - ☒ 3.
 - ☒ 4.

Q.3 127 is related to 218 following a certain logic. Following the same logic, 3 is related to 10. To which of the following is 29 related, following the same logic?
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans
- ☒ 1. 68
 - ☒ 2. 66
 - ☒ 3. 67
 - ☒ 4. 63

Q.4 In a certain code language, 'EXIT' is coded as '1937' and 'ZERO' is coded as '6829'. What is the code for 'E' in the given code language?

- Ans
- ☒ 1. 9
 - ☒ 2. 1
 - ☒ 3. 2
 - ☒ 4. 8

Q.5 Six people—A, B, C, D, E, and F—are sitting around a circular table, facing the centre (but not necessarily in the same order). A is an immediate neighbour of both E and F. C is second to the left of F. B is not an immediate neighbour of E. What is the position of D?

- Ans
- ☒ 1. Second to the right of B
 - ☒ 2. Immediate left of F
 - ☒ 3. Immediate left of A
 - ☒ 4. Immediate left of C

Q.6 Select the number from among the given options that can replace the question mark (?) in the following series.
33, 37, 46, 62, 87, ?

- Ans
- ☒ 1. 122
 - ☒ 2. 124
 - ☒ 3. 121
 - ☒ 4. 123

Q.7 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(18, 16, 34)

(21, 43, 64)

Ans  1. (39, 10, 53)

 2. (32, 10, 42)

 3. (22, 41, 73)

 4. (23, 12, 76)

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements: All papers are files. All files are secret.

Conclusions:

(I) All papers are secret.

(II) All secrets are files.

Ans  1. Only conclusion (I) is follow .

 2. Both conclusions (I) and (II) are follow .

 3. Neither conclusion (I) nor (II) is follow .

 4. Only conclusion (II) is follow .

Q.9 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). G sits third to the right of A. D sits third to the right of G. E is an immediate neighbour of both A and F. C sits third to the right of F. How many people sit between E and D when counted from the right of E?

Ans  1. 1

 2. 4

 3. 2

 4. 3

Q.10 What will come in the place of the question mark (?) in the following equation if '÷' and '+' are interchanged and '-' and '×' are interchanged?

$$13 - 3 \div 4 - 9 \div 10 - 3 \times 20 + 5 = ?$$

Ans  1. 101

 2. 86

 3. 111

 4. -15

Q.11 In a certain code language, 'car is fast' is written as 'gq ip eb' and 'fast and furious' is written as 'hp qm ip'. How is 'fast' written in the given language?

Ans  1. hp

 2. gq

 3. eb

 4. ip

Q.12 In a certain code language, 'bat ball game' is written as 'mq mp mr' and 'game hockey football' is written as 'mp mt ml' and 'ball player umpire' is written as 'mr mb mc'. How is 'bat' written in the given language?

Ans  1. mq

 2. mb

 3. mt

 4. ml

Q.13 JJDA is related to QQKH in a certain way based on the English alphabetical order. In the same way, ENHE is related to LUOL. To which of the following is TTNK related, following the same logic?

Ans  1. AUAR

 2. AAUR

 3. URAA

 4. AURA

Q.14 In a certain code language, 'LOST' is coded as '5197' and 'TURN' is coded as '4562'. What is the code for 'T' in that language?

- Ans
- ☒ 1. 4
 - ☒ 2. 2
 - ☒ 3. 7
 - ☒ 4. 5

Q.15 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

EFD, JKI, OPN, TUS, ?

- Ans
- ☒ 1. EVF
 - ☒ 2. YZX
 - ☒ 3. EFU
 - ☒ 4. GUH

Q.16 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

△	H	2	H	V	=	V	=	A	=	△	X	
	A			2			□			A		?
X	V	=	△	X	A	H	△	X	V	H	□	

Ans

☒ 1.

V	X	□
	4	
=	△	H

☒ 2.

V	=	△
	4	
H	□	X

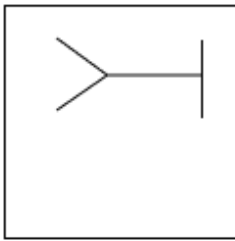
☒ 3.

△	X	□
	4	
=	V	H

☒ 4.

X	=	△
	4	
□	V	H

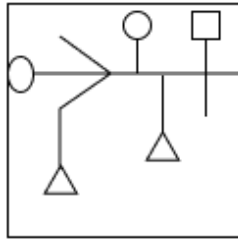
Q.17 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



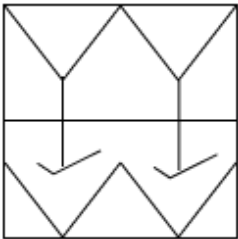
(X)

Ans

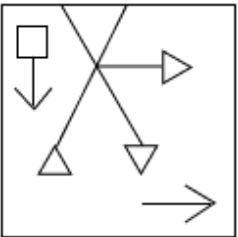
✓ 1.



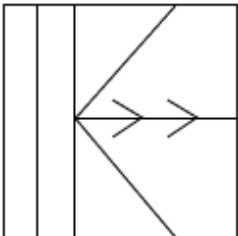
✗ 2.



✗ 3.



✗ 4.



Q.18 FRNQ is related to LXTW in a certain way based on the English alphabetical order. In the same way, XJFI is related to DPLO. To which of the following is VHDG related, following the same logic?

Ans

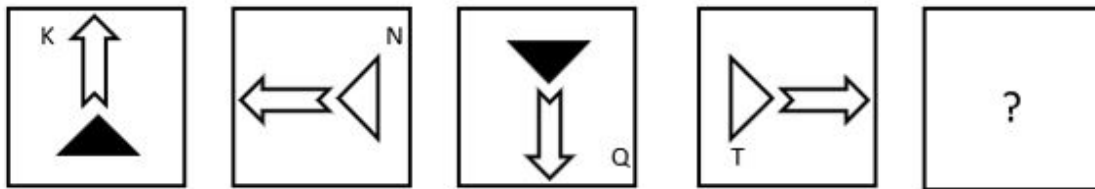
✗ 1. BMNJ

✗ 2. MNJB

✗ 3. BJMN

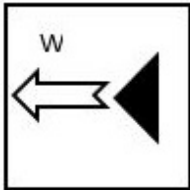
✓ 4. BNJM

Q.19 Identify the figure given in the options which when put in place of ? will logically complete the series.

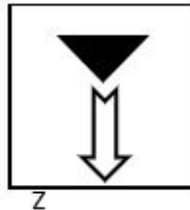


Ans

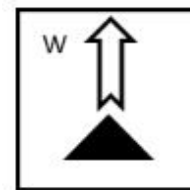
✗ 1.



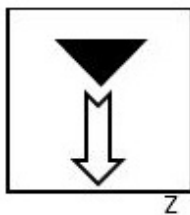
✗ 2.



✓ 3.



✗ 4.



Q.20 Which two signs should be interchanged to make the given equation correct?
 $56 \div 8 \times 45 + 4 - 23 = 164$

- Ans
- ✗ 1. - and +
 - ✓ 2. + and ×
 - ✗ 3. ÷ and ×
 - ✗ 4. - and ×

Section : General Awareness

Q.1 Which of the following events and their hosts is correctly matched?

- Ans
- ✗ 1. ICC World Cup Men Cricket 2011 – Australia and New Zealand
 - ✗ 2. ICC World Cup Men Cricket 2015 – India, Sri Lanka, Bangladesh
 - ✓ 3. ICC World Cup Men Cricket 2019 – England and Wales
 - ✗ 4. ICC World Cup Men Cricket 2007 – England

Q.2 In 2023, the Government of India has proposed to set up how many new 'Waste to Wealth' plants under GOBARDhan?

- Ans
- ✓ 1. 500
 - ✗ 2. 250
 - ✗ 3. 450
 - ✗ 4. 300

Q.3 The Panchapatmali mineral deposit region is located in which state from the following?

- Ans**
- ☒ 1. Odisha
 - ☐ 2. Himachal Pradesh
 - ☐ 3. Haryana
 - ☐ 4. Rajasthan

Q.4 _____ received Padma Shri 2017 award for being an exponent of Nagpuri folk dance Jhumar.

- Ans**
- ☒ 1. Mukund Nayak
 - ☐ 2. Purushottam Upadhyay
 - ☐ 3. Laishram Birendrakumar Singh
 - ☐ 4. Chemancheri Kunhiraman Nair

Q.5 Which of the following is NOT a qualification/eligibility to become the President of India?

- Ans**
- ☐ 1. Must be a citizen of India
 - ☒ 2. Must hold any office of profit
 - ☐ 3. Must have completed the age of thirty-five years
 - ☐ 4. Must be qualified for election as a member of the house of the people

Q.6 The Dravidian style of temple architecture can be largely seen from which part of India?

- Ans**
- ☐ 1. Eastern India
 - ☒ 2. Southern India
 - ☐ 3. Western India
 - ☐ 4. Northern India

Q.7 The property by virtue of which carbon can form a C-C covalent bond is called _____.

- Ans**
- ☐ 1. allotropy
 - ☐ 2. covalency
 - ☐ 3. tetravalency
 - ☒ 4. catenation

Q.8 Which Indian Member of Parliament was given the 'India UK Outstanding Achievers Honour' in January 2023?

- Ans**
- ☐ 1. Haji Fazlur Rehman
 - ☐ 2. Hanuman Beniwal
 - ☐ 3. Hemant Shriram Patil
 - ☒ 4. Raghav Chadha

Q.9 In which language was 'Mudraraksha' play written by Vishakhadatta?

- Ans**
- ☐ 1. Hindi
 - ☐ 2. Telugu
 - ☐ 3. Tamil
 - ☒ 4. Sanskrit

Q.10 Which is the largest agro-based Industry of India?

- Ans**
- ☐ 1. Sugar industry
 - ☐ 2. Edible oil industry
 - ☒ 3. Cotton textile industry
 - ☐ 4. Tea industry

Q.11 _____ dance is embedded in the stories from the epics Mahabharata, Ramayana and Puranas.

- Ans**
- ☐ 1. Kuchipudi
 - ☒ 2. Kathakali
 - ☐ 3. Sattriya
 - ☐ 4. Odissi

Q.12	Which of the following dynasties of the Delhi Sultanate finally annexed Jaunpur into the empire of Delhi Sultanate?
Ans	✗ 1. Khalji dynasty ✓ 2. Lodi dynasty ✗ 3. Tughlaq dynasty ✗ 4. Sayyid dynasty
Q.13	In which of the following years did Lord Curzon announce the partition of Bengal?
Ans	✗ 1. 1900 ✓ 2. 1905 ✗ 3. 1914 ✗ 4. 1909
Q.14	Which of the following diseases is detected by the Widal test?
Ans	✗ 1. Pneumonia ✗ 2. Diphtheria ✗ 3. Influenza ✓ 4. Typhoid
Q.15	Layers of varying thickness are found in which type of rock?
Ans	✗ 1. Igneous rock ✗ 2. Volcanic rock ✓ 3. Sedimentary rock ✗ 4. Metamorphic rock
Q.16	In 2018, Ganesh and Kumaresh Rajagopalan won the Sangeet Natak Akademi Award for Carnatic instrumental music. For playing which instrument did they win this award?
Ans	✗ 1. Sarangi ✗ 2. Sarod ✓ 3. Violin ✗ 4. Veena
Q.17	To which state does the Indian tennis player Sumit Nagal belong?
Ans	✗ 1. Maharashtra ✓ 2. Haryana ✗ 3. Odisha ✗ 4. Karnataka
Q.18	The Directive Principles of State Policy in the Indian Constitution are borrowed from which country's constitution?
Ans	✗ 1. The Constitution of the Soviet Union ✓ 2. The Constitution of Ireland ✗ 3. The Constitution of the United Kingdom ✗ 4. The Constitution of the United States
Q.19	In India, who introduced the idea of the poverty line for the first time?
Ans	✗ 1. Mahatma Gandhi ✗ 2. Dr. BR Ambedkar ✓ 3. Dadabhai Naoroji ✗ 4. Jawaharlal Nehru
Q.20	Who wrote the novel 'The Catcher in the Rye'?
Ans	✓ 1. JD Salinger ✗ 2. Mark Twain ✗ 3. HG Wells ✗ 4. Ernest Hemingway

Q.21 Tirot Sing was the leader of which of the following revolts?

- Ans**
- ☐ 1. Sanyasi Revolt
 - ☐ 2. Poligars's Revolt
 - ☒ 3. Khasi uprising
 - ☐ 4. Singpho's Rebellion

Q.22 Constipation could be a sign that the person is suffering from a lack of _____.

- Ans**
- ☐ 1. Protein
 - ☐ 2. Vitamin
 - ☐ 3. Calcium
 - ☒ 4. Dietary Fibre

Q.23 As per Census 2011, what is the literacy rate of India?

- Ans**
- ☐ 1. 65.46%
 - ☐ 2. 70%
 - ☒ 3. 74.04%
 - ☐ 4. 82.14%

Q.24 What does M stand for in BHIM-UPI?

- Ans**
- ☒ 1. Money
 - ☐ 2. Monthly
 - ☐ 3. Mobile
 - ☐ 4. Monetary

Q.25 Losoong festival is predominantly celebrated in Sikkim by which of the following tribes?

- Ans**
- ☐ 1. Kurumba
 - ☒ 2. Bhutia
 - ☐ 3. Bhil
 - ☐ 4. Khasi

Section : **English Language and Comprehension**

Q.1 Select the most appropriate synonym of the given word.
Recluse

- Ans**
- ☐ 1. Sociable
 - ☐ 2. Closeness
 - ☒ 3. Solitary
 - ☐ 4. Candid

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.

It is all one whether I go today or tomorrow.

- Ans**
- ☐ 1. in one piece
 - ☐ 2. proper
 - ☐ 3. together
 - ☒ 4. just the same

Q.3 Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.

That scientist worked relentlessly to improve the instrument for measuring electric current.

- Ans**
- ☐ 1. thermometer
 - ☐ 2. calculator
 - ☒ 3. ammeter
 - ☐ 4. compass

Q.4 Select the most appropriate option to fill in the blank.
My mother always _____ to help people.

- Ans**
- ☒ 1. goes the extra mile
 - ☐ 2. breaks the bank
 - ☐ 3. turns a deaf ear
 - ☐ 4. takes a rain check

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Universal high-quality education is the best way forward for developing and maximising our country's rich talents and resources for the good in the individual, the society, the country and the world.

- Ans**
- ☐ 1. good on the individual
 - ☐ 2. good by the individual
 - ☐ 3. good for the individual
 - ☒ 4. good of the individual

Q.6 Select the most appropriate synonym of the given word.
Intractable

- Ans**
- ☒ 1. Defiant
 - ☐ 2. Compliant
 - ☐ 3. Versatile
 - ☐ 4. Proper

Q.7 Select the option that will improve the underlined part of the given sentence.
Indeed, Jack is one of the clever men I have ever met.

- Ans**
- ☒ 1. the cleverest
 - ☐ 2. cleverer
 - ☐ 3. clever
 - ☐ 4. most clever

Q.8 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Spanish person are well known worldwide / for their warm hospitality / and food.

- Ans**
- ☐ 1. and food
 - ☒ 2. Spanish person are well known worldwide
 - ☐ 3. for their warm hospitality
 - ☐ 4. No error

Q.9 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. tabular
 - ☐ 2. written
 - ☐ 3. lying
 - ☒ 4. calender

Q.10 Select the correctly spelled sentence.

- Ans**
- ☐ 1. The athelete ran quicly across the finish line.
 - ☐ 2. The athlete ran quickley across the finish line.
 - ☒ 3. The athlete ran quickly across the finish line.
 - ☐ 4. The athlet ran quicly across the finnish line.

Q.11 Select the option that rectifies the spelling error of the underlined word.

Preserving our planet's biodiversity is essential for the health and susteainability of ecosystems and human life.

- Ans**
- ☐ 1. sustainability
 - ☒ 2. sustainability
 - ☐ 3. susteinabelety
 - ☐ 4. sustanbility

Q.12 Which of the following words is a synonym of 'Evanescent'?

- Ans
- ☐ 1. Imitation
 - ☐ 2. Exemplary
 - ☒ 3. Fleeting
 - ☐ 4. Delicious

Q.13 Select the option that can be used as a one-word substitute for the given group of words.
Constant efforts to achieve something

- Ans
- ☐ 1. Recant
 - ☒ 2. Perseverance
 - ☐ 3. Perspicacious
 - ☐ 4. Euphemism

Q.14 Select the most appropriate option to fill in the blank.

The street is crowded. You could easily get lost in this _____.

- Ans
- ☐ 1. phase
 - ☒ 2. maze
 - ☐ 3. faze
 - ☐ 4. maize

Q.15 Select the grammatically correct sentence from the given options.

- Ans
- ☒ 1. It is strange to see a guy shouting in the mall without any reason.
 - ☐ 2. It is too stranger to see a guy shout in the mall without any reason.
 - ☐ 3. It is too stranger to see a guy shouting in the mall beside any reason.
 - ☐ 4. It is too stranger to see a guy shouting in the mall without any reason.

Q.16 Select the most appropriate option to fill in the blank.
It is being asked why there has been no _____ taken yet.

- Ans
- ☐ 1. distribution
 - ☒ 2. action
 - ☐ 3. simplification
 - ☐ 4. attribution

Q.17 Select the grammatically correct sentence.

- Ans
- ☒ 1. Having belief in yourself is the biggest key to success.
 - ☐ 2. Having beliefs in yourself is the bigger key to success.
 - ☐ 3. Having belief in yourself is the most bigger key to success.
 - ☐ 4. Having belief in yourself is the big key to success.

Q.18 Select the most appropriate ANTONYM of the underlined word.
They reinvested in their trades and indulged in unobtrusive consumption at home.

- Ans
- ☐ 1. Preposterous
 - ☐ 2. Faint
 - ☐ 3. Obscure
 - ☒ 4. Conspicuous

Q.19 Select the most appropriate option that can substitute the highlighted word(s) in the given sentence.

Anybody can solve this problem if he tried.

- Ans
- ☒ 1. if they try
 - ☐ 2. because they try
 - ☐ 3. if they were tried
 - ☐ 4. for they tried

Q.20 Identify the sentence with an error with respect to the use of present tense.

- Ans**
- ☒ 1. She singing romantic songs.
 - ☐ 2. She sings romantic songs.
 - ☐ 3. She has been singing songs.
 - ☐ 4. She has sung romantic songs.

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It (1)_____ no discriminations to nationality, race, religious beliefs, class or political opinions. It endeavours to (2)_____ the suffering of individuals, being guided solely by (3)_____ needs, and to give priority to the (4)_____ urgent cases of distress. It promotes mutual understanding, friendship, cooperation and lasting peace (5)_____ all people.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. make
 - ☐ 2. made
 - ☐ 3. had made
 - ☒ 4. makes

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It (1)_____ no discriminations to nationality, race, religious beliefs, class or political opinions. It endeavours to (2)_____ the suffering of individuals, being guided solely by (3)_____ needs, and to give priority to the (4)_____ urgent cases of distress. It promotes mutual understanding, friendship, cooperation and lasting peace (5)_____ all people.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☐ 1. decreased
 - ☐ 2. clear
 - ☐ 3. increase
 - ☒ 4. relieve

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It (1)_____ no discriminations to nationality, race, religious beliefs, class or political opinions. It endeavours to (2)_____ the suffering of individuals, being guided solely by (3)_____ needs, and to give priority to the (4)_____ urgent cases of distress. It promotes mutual understanding, friendship, cooperation and lasting peace (5)_____ all people.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. her
 - ☒ 2. their
 - ☐ 3. your
 - ☐ 4. his

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It (1)_____ no discriminations to nationality, race, religious beliefs, class or political opinions. It endeavours to (2)_____ the suffering of individuals, being guided solely by (3)_____ needs, and to give priority to the (4)_____ urgent cases of distress. It promotes mutual understanding, friendship, cooperation and lasting peace (5)_____ all people.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. most
 - ☐ 2. more
 - ☐ 3. least
 - ☐ 4. high

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It (1)_____ no discriminations to nationality, race, religious beliefs, class or political opinions. It endeavours to (2)_____ the suffering of individuals, being guided solely by (3)_____ needs, and to give priority to the (4)_____ urgent cases of distress. It promotes mutual understanding, friendship, cooperation and lasting peace (5)_____ all people.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. into
 -  2. amongst
 -  3. at
 -  4. of

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	23/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 What sum (in ₹) will earn a simple interest of ₹240 in 2 years at 8% per year rate of interest?

- Ans
- ☐ 1. 2500
 - ☒ 2. 1500
 - ☐ 3. 750
 - ☐ 4. 3000

Q.2 A shopkeeper purchases oil at ₹50/litre and sells the same at ₹54/litre. While selling, he gives 900 ml of oil instead of 1 litre. What is his profit percentage?

- Ans
- ☒ 1. 20%
 - ☐ 2. 18%
 - ☐ 3. 21%
 - ☐ 4. 14%

Q.3 If a toy is bought at ₹5 and sold at ₹4.50, the loss percentage is:

- Ans
- ☐ 1. 20%
 - ☐ 2. 5%
 - ☐ 3. 15%
 - ☒ 4. 10%

Q.4 Find the LCM of 120, 200 and 225.

- Ans
- ☐ 1. 2400
 - ☐ 2. 1735
 - ☐ 3. 1200
 - ☒ 4. 1800

Q.5 $100 \div 10 - [-2 + \{ -9 + (3 - 6 \text{ of } 2) \}] = ?$

- Ans
- ☐ 1. 20
 - ☐ 2. -6
 - ☐ 3. 0
 - ☒ 4. 30

Q.6 Rohit invested a sum of money at simple interest and it became double itself in $4\frac{1}{6}$ years. The rate of interest per annum was:

- Ans
- ☐ 1. $23\frac{1}{2}\%$
 - ☒ 2. 24%
 - ☐ 3. 25%
 - ☐ 4. $22\frac{1}{2}\%$

Q.7 Sam purchased 20 dozen toys at the rate of ₹375 per dozen. He sold each of them at the rate of ₹33. What was his profit percentage?

- Ans**
- ☐ 1. 6.5%
 - ☐ 2. 3.5%
 - ☐ 3. 4.5%
 - ☒ 4. 5.6%

Q.8 The difference between successive discounts of 28% followed by 25% and 10% followed by 5% on the marked price of a pen is ₹63. The marked price of the pen is:

- Ans**
- ☐ 1. ₹331
 - ☐ 2. ₹150
 - ☒ 3. ₹200
 - ☐ 4. ₹165

Q.9 What should be added to each of the four numbers 5, 19, 7 and 25 to make them proportional?

- Ans**
- ☒ 1. 2
 - ☐ 2. 4
 - ☐ 3. 3
 - ☐ 4. 1

Q.10 A train moving at the same speed passes two bridges of length 900 m and 486 m in 110 seconds and 70 seconds, respectively. The length of the train (in m) is:

- Ans**
- ☒ 1. 238.5
 - ☐ 2. 225.7
 - ☐ 3. 253.8
 - ☐ 4. 283.5

Q.11 In what ratio must a grocer mix two varieties of wheat worth ₹80 per kg and ₹90 per kg so that if he sells the mixture at ₹105 per kg he may gain 25%?

- Ans**
- ☒ 1. 3 : 2
 - ☐ 2. 2 : 3
 - ☐ 3. 21 : 16
 - ☐ 4. 6 : 7

Q.12 The average of 41 numbers is 62. The average of the first 18 numbers is 65.5, and the average of the last 24 numbers is 61.5. If the 18th number from the beginning is excluded, then what is the average of the remaining numbers?

- Ans**
- ☐ 1. 61.625
 - ☒ 2. 60.725
 - ☐ 3. 61.325
 - ☐ 4. 60.5

Q.13 A girl spends 76% of her income. If her income increases by 18% and her expenditure increases by 25%, then what is the percentage increase or decrease in her savings? (Correct to one decimal place)

- Ans**
- ☐ 1. Increase by 5%
 - ☐ 2. Decrease by 3.8%
 - ☐ 3. Increase by 3.6%
 - ☒ 4. Decrease by 4.2%

Q.14 The average of five numbers is 62. The average of the first two numbers is 48 and that of the last two numbers is 52. What is the third number?

- Ans**
- ☐ 1. 105
 - ☐ 2. 100
 - ☐ 3. 95
 - ☒ 4. 110

Q.15 A boat is rowed down along a river 21km in 3 hours and against a river 14km in 7 hours. Find the speed of the boat and the river.

Ans ☒ 1. 4.5 km/h and 2.5 km/h
☐ 2. 3.2 km/h and 4.8 km/h
☐ 3. 2.6 km/h and 4.8 km/h
☐ 4. 6.4 km/h and 4.6 km/h

Q.16 The curved surface area of a cylinder is 7920 cm^2 . If its base radius is 21 cm, then its height will be _____ (use $\pi = \frac{22}{7}$).

Ans ☐ 1. 30 cm
☒ 2. 60 cm
☐ 3. 40 cm
☐ 4. 50 cm

Q.17 A hemispherical bowl with an internal radius of 27 cm is full of liquid. The liquid is to be filled into cylindrical shaped bottles of diameter 12 cm and height 13.5 cm. The number of bottles required to empty the bowl is:

Ans ☒ 1. 27
☐ 2. 21
☐ 3. 29
☐ 4. 25

Q.18 An ice-cream cone with a lid has a total surface area equal to the area of another circle of certain radius. If the radius of the circle is equal to average of the slant height and the radius of the cone, then the ratio of the slant height of the cone to the radius of the circle is:

Ans ☒ 1. 3 : 2
☐ 2. 2 : 3
☐ 3. 1 : 3
☐ 4. 3 : 1

Q.19 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 4% per year rate of interest for 2 years.

Ans ☒ 1. 280
☐ 2. 320
☐ 3. 220
☐ 4. 240

Q.20 The average weight of 11 persons is increased by 4.5 kg when one of them, whose weight is 50.5 kg, is replaced by a new person. The weight of the new person is:

Ans ☐ 1. 98.5 kg
☒ 2. 100 kg
☐ 3. 90.5 kg
☐ 4. 95.5 kg

Section : Reasoning Ability and Problem Solving

Q.1 RXPL is related to OUMI in a certain way based on the English alphabetical order. In the same way, TZRN is related to QWOK. To which of the following is PVNJ related, following the same logic?

Ans ☐ 1. MSGK
☐ 2. SMKG
☐ 3. SMGK
☒ 4. MSKG

Q.2 4 is related to 17 following a certain logic. Following the same logic, 5 is related to 26. To which of the following is 10 related following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☐ 1. 103
 - ☒ 2. 101
 - ☐ 3. 99
 - ☐ 4. 121

Q.3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All gardens are museums.

All museums are parks.

Conclusions:

(I) Some museums are gardens.

(II) All gardens are parks.

- Ans**
- ☐ 1. Only conclusion I follows
 - ☒ 2. Both conclusions I and II follow
 - ☐ 3. Neither conclusion I nor II follows
 - ☐ 4. Only conclusion II follows

Q.4 Which two signs should be interchanged to make the following equation correct?

$$30 \div 9 \times 2 + 70 - 14 = 17$$

- Ans**
- ☒ 1. $\div$ and $-$
 - ☐ 2. $\div$ and $\times$
 - ☐ 3. $-$ and $+$
 - ☐ 4. $+$ and $\times$

Q.5 '4KC2' is related to '6MA4' in a certain way. In the same way, '3MN4' is related to '5OL6'. To which of the following is '5NO3' related following the same logic?

- Ans**
- ☐ 1. 5OM7
 - ☐ 2. 6MO7
 - ☒ 3. 7PM5
 - ☐ 4. 8PL6

Q.6 In a certain code language, 'LIVE' is coded as '2648' and 'EAST' is coded as '3215'. What is the code for 'E' in that language?

- Ans**
- ☐ 1. 5
 - ☒ 2. 2
 - ☐ 3. 3
 - ☐ 4. 8

Q.7 What should come in place of the question mark (?) in the following series?

800, 700, 600, 500, 400, ?

- Ans**
- ☒ 1. 300
 - ☐ 2. 789
 - ☐ 3. 399
 - ☐ 4. 656

Q.8 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

26, 106
29, 118

- Ans**
- ☒ 1. 36, 141
 - ☒ 2. 35, 142
 - ☒ 3. 35, 141
 - ☒ 4. 36, 142

Q.9 ZIMC is related to BMOG in a certain way based on the English alphabetical order. In the same way, VDGO is related to XHIS. To which of the following is TNAF related, following the same logic?

- Ans**
- ☒ 1. VRCJ
 - ☒ 2. UPCG
 - ☒ 3. WPCCK
 - ☒ 4. WQDK

Q.10 A, B, C, D, E, F, and G are sitting around a circular table, facing away from the centre (but not necessarily in the same order). Only 2 people sit between A and D when counted from the right of D. B and C are both immediate neighbours of G. F sits to the immediate left of E. Only 1 person sits between C and E when counted from the left of C. How many people are sitting between G and D when counted from the right of G?

- Ans**
- ☒ 1. 2
 - ☒ 2. 1
 - ☒ 3. 3
 - ☒ 4. 4

Q.11 In a certain code language, 'ARE IS WHAT' is coded as '11 22 44' and 'WHY HOW ARE' is coded as '44 33 55' and 'WHO WHAT HOW' is coded as '33 11 66'. How is 'IS' coded in the given language?

- Ans**
- ☒ 1. 11
 - ☒ 2. 33
 - ☒ 3. 44
 - ☒ 4. 22

Q.12 In a certain code language, 'sparrow pigeon eagle' is coded as '11 55 33' and 'cat eagle bat' is coded as '33 22 99' and 'pigeon bat rat' is coded as '22 55 88'. How is 'rat' coded in the given language?

- Ans**
- ☒ 1. 55
 - ☒ 2. 33
 - ☒ 3. 88
 - ☒ 4. 22

Q.13 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All roses are lilies.

No lily is a sunflower.

Conclusions:

(I) No rose is a sunflower.

(II) All lilies are roses.

- Ans**
- ☒ 1. Only conclusion I follows.
 - ☒ 2. Neither conclusion I nor II follows.
 - ☒ 3. Only conclusion II follows.
 - ☒ 4. Both conclusions I and II follow.

Q.14 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $69 - 24 \div 4 \times 6 + 13 = ?$

Ans  1. 68
 2. 86
 3. 72
 4. 70

Q.15 Four number triads have been given, out of which three are alike in some manner and one is different. Select the number triad that is different from the rest.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans  1. (8, 16, 256)
 2. (5, 10, 100)
 3. (9, 18, 320)
 4. (3, 6, 36)

Q.16 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:
Some desktops are monitors.
No monitor is a television.

Conclusions:
(I) Some desktops are televisions.
(II) Some monitors are desktops.

Ans  1. Neither conclusion (I) nor (II) follows.
 2. Both conclusions (I) and (II) follow.
 3. Only conclusion (II) follows.
 4. Only conclusion (I) follows.

Q.17 Select the number from among the given options that can replace the question mark (?) in the following series.
3, 9, ?, 45, 93, 189, 381

Ans  1. 24
 2. 21
 3. 23
 4. 22

Q.18 Sunita, Lokesh, Babita, Isha, Akram, Alok and Kiran are sitting around a circular table facing the centre (but not necessarily in the same order). Sunita is an immediate neighbour of Babita. Lokesh sits 2nd to the right of Babita. Isha sits 4th to the right of Akram. Alok sits 3rd to the right of Lokesh. Isha sits 2nd to the left of Alok. Who sits third to the right of Babita?

Ans  1. Alok
 2. Isha
 3. Lokesh
 4. Kiran

Q.19 What should come in place of the question mark (?) in the following series based on the English alphabetical order?
ISC, GPF, EMI, CJL, ?

Ans  1. AGO
 2. BGP
 3. AGP
 4. BGO

Q.20 In a certain code language, 'have good food' is coded as 'ti ma ka' and 'nutritious food healthy' is coded as 'ka lu pe'. How is 'food' coded in the given language?

Ans  1. ma
 2. ti
 3. ka
 4. lu

Section : **General Awareness**

Q.1 Which of the following is NOT the principle laid down by the OECD about budgetary governance?

- Ans**
- ☐ 1. Alignment of budgets with medium-term strategic priorities of the government.
 - ☐ 2. The execution of the budget must be proactively planned, managed, and monitored.
 - ☐ 3. Design the capital budgeting framework to meet national development needs.
 - ☒ 4. It does not allow the citizen to participate in budgetary debates.

Q.2 Who excavated the Chira Tope stupa at Taxila?

- Ans**
- ☐ 1. Alexander Cunningham
 - ☒ 2. John Marshall
 - ☐ 3. James Princip
 - ☐ 4. James Mill

Q.3 In February 2024, who was sworn in as the first woman Chief Justice of the Uttarakhand High Court?

- Ans**
- ☒ 1. Ritu Bahri
 - ☐ 2. Gyan Sudha Mishra
 - ☐ 3. Ranjana Desai
 - ☐ 4. Sujata Manohar

Q.4 According to the Census of India 2011, what is the population density of India?

- Ans**
- ☐ 1. 388/km²
 - ☒ 2. 382/km²
 - ☐ 3. 360/km²
 - ☐ 4. 375/km²

Q.5 Right of a prisoner to speedy trial will be categorised in which of the following Fundamental Rights?

- Ans**
- ☐ 1. Right against Exploitation
 - ☒ 2. Right to Life
 - ☐ 3. Right to Equality
 - ☐ 4. Right to Constitutional Remedies

Q.6 JJ Thomson is known for developing which model in 1898?

- Ans**
- ☒ 1. Plum pudding model
 - ☐ 2. Oil drop model
 - ☐ 3. Gold foil model
 - ☐ 4. Double-slit model

Q.7 In which of the following states is Aoleang Monyü celebrated, which is an ancient spring festival celebrated by all Konyaks in the month of April?

- Ans**
- ☒ 1. Nagaland
 - ☐ 2. Telangana
 - ☐ 3. Bihar
 - ☐ 4. Odisha

Q.8 Which of the following countries won the maximum number of T20 Women's Cricket World Cup titles?

- Ans**
- ☐ 1. West Indies
 - ☒ 2. Australia
 - ☐ 3. India
 - ☐ 4. England

Q.9 Which of the following Acts provided for a system of tribunals and a ban on strikes?

- Ans**
- ☐ 1. Age of Consent Act, 1891
 - ☐ 2. Indian Partnership Act, 1932
 - ☐ 3. Government of India Act, 1912
 - ☒ 4. The Trade Disputes Act, 1929

Q.10 All natural earthquakes take place in the:

- Ans**
- ☐ 1. Hydrosphere
 - ☒ 2. Lithosphere
 - ☐ 3. Biosphere
 - ☐ 4. Asthenosphere

Q.11 'Once a Dancer' is the autobiography of _____.

- Ans**
- ☐ 1. Sudha Chandran
 - ☐ 2. Audrey Hepburn
 - ☐ 3. Yamini Krishnamurthy
 - ☒ 4. Allegra Kent

Q.12 Which of the following is an example of a private sector Industry?

- Ans**
- ☒ 1. Tata Iron and Steel Company
 - ☐ 2. Bharat Heavy Electricals Limited
 - ☐ 3. Life Insurance Corporation
 - ☐ 4. Steel Authority of India Limited

Q.13 If after being bitten by a mosquito, the person is detected as being malaria positive, which of the following will hold true?
A. The person did not have a balanced diet.
B. The mosquito was carrying plasmodium.
C. The mosquito was suffering from malaria.
D. The person was not vaccinated as a child.

- Ans**
- ☒ 1. B
 - ☐ 2. C
 - ☐ 3. D
 - ☐ 4. A

Q.14 In which of the following years did Alexander invade Punjab and in which of the following years did he die?

- Ans**
- ☐ 1. 320 BC and 323 BC
 - ☐ 2. 323 BC and 328 BC
 - ☒ 3. 326 BC and 323 BC
 - ☐ 4. 326 BC and 327 BC

Q.15 iGOT Karmayogi is an integrated online training platform to provide continuous learning opportunities to _____ in order to upgrade their skills.

- Ans**
- ☒ 1. Individual Civil Service Officials
 - ☐ 2. Lawyers
 - ☐ 3. Journalists
 - ☐ 4. Unorganised Workers

Q.16 'Dashain' and 'Tihar' are popular festivals of which neighbouring country of India?

- Ans**
- ☒ 1. Nepal
 - ☐ 2. Bangladesh
 - ☐ 3. Sri Lanka
 - ☐ 4. Pakistan

Q.17	Which of the following Indian tribal dances is prevalent in the Araku Valley near Visakhapatnam?
Ans	 1. Bagurumba  2. Bardo Chham  3. Jhumur  4. Dhimsa
Q.18	Which track and field event has a water jump?
Ans	 1. Cross country running  2. Hurdles running  3. Decathlon  4. Steeplechase
Q.19	Which chronicler of the medieval age recognised that Raziyya was more able and qualified than all her brothers?
Ans	 1. Muhammad Junaidi  2. Taj-ud-din  3. Fakhru'l-Mulk-Isami  4. Minhaj-i-Siraj
Q.20	Which of the following fields is NOT covered by the National Eminence Award?
Ans	 1. Theatre  2. Music of all forms and origin  3. Dance  4. Literature
Q.21	Which Article of the Indian Constitution has provisions for the appointment of High Court Judges?
Ans	 1. Article 252  2. Article 119  3. Article 217  4. Article 202
Q.22	Carnatic singer Bombay Jayashri has been selected for which music award in 2023?
Ans	 1. Sangeetha Kalasarathy  2. Sangeetha Kalasikhamani  3. Sangita Kalanidhi  4. Sangeetha Choodamani
Q.23	Which specific chemical can be applied to achieve staining of chromosomes?
Ans	 1. Methanol  2. Hydrochloric acid  3. Ethanol  4. Acetocarmine
Q.24	The Zaskar and the Nubra are tributaries of which river?
Ans	 1. Indus  2. Ganga  3. Kaveri  4. Mahanadi
Q.25	Epic Poem, Savitri, described by its author as 'A Legend and a Symbol', was written by ____.
Ans	 1. Aurobindo Ghosh  2. Mahatma Phule  3. Baba Saheb Ambedkar  4. Bal Gangadhar Tilak

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

The car, with all its features, were meticulously designed.

- Ans**
- ☒ 1. No substitution required
 - ☒ 2. its features, have meticulously
 - ☒ 3. its features, was meticulously
 - ☒ 4. it's features, were meticulously

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She received / an award / for her work / in a engineering field.

- Ans**
- ☒ 1. an award
 - ☒ 2. She received
 - ☒ 3. for her work
 - ☒ 4. in a engineering field.

Q.3 Select the option that rectifies the spelling of the underlined word in the given sentence.

How can one justify sending sound waves into space when they cannot travel through a vacum?

- Ans**
- ☒ 1. vacume
 - ☒ 2. vacuum
 - ☒ 3. vaccum
 - ☒ 4. vaccuum

Q.4 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The government is developing a new test in the recruitment and training of teachers in the upcoming session.

- Ans**
- ☒ 1. for the recruitment and training of teachers
 - ☒ 2. of the recruitment and training of teachers
 - ☒ 3. in recruitment and training on teachers
 - ☒ 4. for recruitment or training of teachers

Q.5 Select the most appropriate option that can substitute the highlighted word(s) in the given sentence.

The fleets of Anthony were not merely defeated, also destroyed by Augustus Caesar.

- Ans**
- ☒ 1. merely defeated, though destroyed
 - ☒ 2. only defeated, and destroyed
 - ☒ 3. merely defeated, however destroyed
 - ☒ 4. not only defeated, but also destroyed

Q.6 In the given sentence, one of the four underlined words is incorrectly spelt. Identify the INCORRECTLY spelt word.

The scientific community gave credance to the new research findings after rigorous testing and validation.

- Ans**
- ☒ 1. validation
 - ☒ 2. community
 - ☒ 3. credance
 - ☒ 4. rigorous

Q.7 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

There is only one way / to have a happier married life / and I will learn it soon.

- Ans**
- ☒ 1. and I will learn it soon.
 - ☒ 2. No error
 - ☒ 3. to have a happier married life
 - ☒ 4. There is only one way

Q.8 Select the **INCORRECTLY** spelt word in the following sentence.
The restaurant's specialtiy is seafood.

- Ans**
- ☒ 1. seafood
 - ☐ 2. specialtiy
 - ☒ 3. The
 - ☒ 4. restaurant's

Q.9 Select the most appropriate option to fill in the blank.

The teacher encouraged students to cultivate a _____ attitude towards learning, embracing challenges as opportunities for growth.

- Ans**
- ☒ 1. complacent
 - ☒ 2. redundant
 - ☒ 3. stagnant
 - ☐ 4. resilient

Q.10 Select the most appropriate meaning of the underlined word in the context of the following sentence.

The palm is a native of Malaysia. We can find them in groves.

- Ans**
- ☒ 1. A type of soil
 - ☒ 2. Inner surface of the hand
 - ☐ 3. A type of tree
 - ☒ 4. A pamphlet

Q.11 Identify the sentence with an error in the use of simple present tense.

- Ans**
- ☒ 1. We brush our teeth daily.
 - ☐ 2. He go to school every day.
 - ☒ 3. She walks every morning.
 - ☒ 4. You do yoga every morning.

Q.12 Select the appropriate synonym of the underlined word.

The bride has an exquisite face.

- Ans**
- ☒ 1. Plain
 - ☐ 2. Beautiful
 - ☒ 3. Ugly
 - ☒ 4. Average

Q.13 In the following sentence the underlined part contains an error. Below are given alternatives to the underlined part. Select the correct alternative.

Kanha National Park in MP is the dense forest in India.

- Ans**
- ☒ 1. more denser
 - ☐ 2. densest
 - ☒ 3. most dense
 - ☒ 4. denser

Q.14 Select the most appropriate meaning of the underlined word.

He took the right decision at that time.

- Ans**
- ☒ 1. A particular direction
 - ☒ 2. Something which is invalid
 - ☒ 3. Someone's liberty and freedom
 - ☐ 4. Something which is correct

Q.15 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.

When they left for Mexico, their house was in good condition than it is now.

- Ans**
- ☒ 1. more good
 - ☒ 2. excellent
 - ☐ 3. better
 - ☒ 4. best

Q.16 Select the most appropriate phrase that can substitute the underlined segment in the given sentence.
The question paper was very easy to complete.

- Ans**
- ☒ 1. the last straw
 - ☒ 2. a piece of cake
 - ☒ 3. a snowball effect
 - ☒ 4. fair and square

Q.17 Select the most appropriate adjective to fill in the blank.

The Nile is the _____ river in the world.

- Ans**
- ☒ 1. longest
 - ☒ 2. long
 - ☒ 3. longer
 - ☒ 4. most long

Q.18 Select the most appropriate idiom to fill in the blank.

We hear the judges from their _____ that only CNG buses should run in Delhi.

- Ans**
- ☒ 1. look sharp
 - ☒ 2. melting pot
 - ☒ 3. ivory tower
 - ☒ 4. square meal

Q.19 Select the most appropriate synonym of the given word.
Preserve

- Ans**
- ☒ 1. Ignore
 - ☒ 2. Complain
 - ☒ 3. Consume
 - ☒ 4. Maintain

Q.20 Select the most appropriate synonym of the underlined word in the given sentence.

Her fear of public speaking was a major hurdle in her career.

- Ans**
- ☒ 1. Stimulus
 - ☒ 2. Obstacle
 - ☒ 3. Support
 - ☒ 4. Encouragement

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

How environmental problems ____1____ different groups is a function of social inequality. Social status and power determine the ____2____ to which people can insulate themselves from environmental crises or overcome them. In some cases, their 'solutions' may actually worsen environmental disparities. In Kutch, Gujarat, where water is scarce, richer farmers have ____3____ in deep bore tubewells to tap groundwater to irrigate their fields and grow cash crops. When the rains fail, the earthen wells of the poorer villagers run dry and they do not even have water to drink. At such times, the moist green fields of the rich farmers seem to mock them. Certain environmental concerns sometimes appear to be universal concerns, not particular to ____4____ social groups. For instance, ____5____ air pollution or protecting biodiversity seems to be in the public interest. A sociological analysis shows, however, that how public priorities are set and how they are pursued may not be universally beneficial.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. Adopt
 - ☒ 2. Effect
 - ☒ 3. Affect
 - ☒ 4. Partial

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

How environmental problems ____1____ different groups is a function of social inequality. Social status and power determine the ____2____ to which people can insulate themselves from environmental crises or overcome them. In some cases, their 'solutions' may actually worsen environmental disparities. In Kutch, Gujarat, where water is scarce, richer farmers have ____3____ in deep bore tubewells to tap groundwater to irrigate their fields and grow cash crops. When the rains fail, the earthen wells of the poorer villagers run dry and they do not even have water to drink. At such times, the moist green fields of the rich farmers seem to mock them. Certain environmental concerns sometimes appear to be universal concerns, not particular to ____4____ social groups. For instance, ____5____ air pollution or protecting biodiversity seems to be in the public interest. A sociological analysis shows, however, that how public priorities are set and how they are pursued may not be universally beneficial.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans
- ☒ 1. Scope
 - ☒ 2. Expanse
 - ☒ 3. Extent
 - ☒ 4. Various

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

How environmental problems ____1____ different groups is a function of social inequality. Social status and power determine the ____2____ to which people can insulate themselves from environmental crises or overcome them. In some cases, their 'solutions' may actually worsen environmental disparities. In Kutch, Gujarat, where water is scarce, richer farmers have ____3____ in deep bore tubewells to tap groundwater to irrigate their fields and grow cash crops. When the rains fail, the earthen wells of the poorer villagers run dry and they do not even have water to drink. At such times, the moist green fields of the rich farmers seem to mock them. Certain environmental concerns sometimes appear to be universal concerns, not particular to ____4____ social groups. For instance, ____5____ air pollution or protecting biodiversity seems to be in the public interest. A sociological analysis shows, however, that how public priorities are set and how they are pursued may not be universally beneficial.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans
- ☒ 1. Provided
 - ☒ 2. Licensed
 - ☒ 3. Invested
 - ☒ 4. Capitalised

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

How environmental problems ____1____ different groups is a function of social inequality. Social status and power determine the ____2____ to which people can insulate themselves from environmental crises or overcome them. In some cases, their 'solutions' may actually worsen environmental disparities. In Kutch, Gujarat, where water is scarce, richer farmers have ____3____ in deep bore tubewells to tap groundwater to irrigate their fields and grow cash crops. When the rains fail, the earthen wells of the poorer villagers run dry and they do not even have water to drink. At such times, the moist green fields of the rich farmers seem to mock them. Certain environmental concerns sometimes appear to be universal concerns, not particular to ____4____ social groups. For instance, ____5____ air pollution or protecting biodiversity seems to be in the public interest. A sociological analysis shows, however, that how public priorities are set and how they are pursued may not be universally beneficial.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans
- ☒ 1. Restriction
 - ☒ 2. Specific
 - ☒ 3. Exactly
 - ☒ 4. Indefinitely

Comprehension:

In the following passage, some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each number.

How environmental problems ____1____ different groups is a function of social inequality. Social status and power determine the ____2____ to which people can insulate themselves from environmental crises or overcome them. In some cases, their 'solutions' may actually worsen environmental disparities. In Kutch, Gujarat, where water is scarce, richer farmers have ____3____ in deep bore tubewells to tap groundwater to irrigate their fields and grow cash crops. When the rains fail, the earthen wells of the poorer villagers run dry and they do not even have water to drink. At such times, the moist green fields of the rich farmers seem to mock them. Certain environmental concerns sometimes appear to be universal concerns, not particular to ____4____ social groups. For instance, ____5____ air pollution or protecting biodiversity seems to be in the public interest. A sociological analysis shows, however, that how public priorities are set and how they are pursued may not be universally beneficial.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. Reducing
 - ☐ 2. Manipulating
 - ☐ 3. Abdicating
 - ☐ 4. Increasing

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	23/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 8% per year rate of interest for 2 years.

- Ans
- ☐ 1. 440
 - ☐ 2. 520
 - ☐ 3. 420
 - ☒ 4. 480

Q.2 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 9% per year rate of interest for 4 years.

- Ans
- ☐ 1. 760
 - ☐ 2. 680
 - ☒ 3. 720
 - ☐ 4. 660

Q.3 A student saves an average of ₹4,000 per month for the first three months. How much should be saved (in ₹) on an average per month over the next 9 months to average ₹4,375 per month over the whole year?

- Ans
- ☐ 1. 4187.5
 - ☐ 2. 4000
 - ☐ 3. 4200
 - ☒ 4. 4500

Q.4 If the average of the first 15 multiples of 9 is x, then x is:

- Ans
- ☐ 1. 114
 - ☒ 2. 72
 - ☐ 3. 78
 - ☐ 4. 68

Q.5 A shopkeeper offered following four different discount schemes for buyers on an item.

- A. Two successive discounts of 8%
- B. A discount of 11% followed by a discount of 5%.
- C. Successive discounts of 13% and 3%
- D. A discount of 16%.

If Rajiv wants to purchase the item from this shop at minimum price, he should opt for the discount scheme:

- Ans
- ☐ 1. B
 - ☒ 2. D
 - ☐ 3. A
 - ☐ 4. C

Q.6 The price of an article is reduced by 40% and its sale is increased by 80%. Find the net effect on revenue.

- Ans
- ☐ 1. 8% decrease
 - ☐ 2. 10% decrease
 - ☒ 3. 8% increase
 - ☐ 4. 10% increase

Q.7 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 66 kg and 36 kg is:

- Ans**
- ☐ 1. 51.4
 - ☒ 2. 49.4
 - ☐ 3. 48.4
 - ☐ 4. 50.4

Q.8 A shopkeeper bought certain number of notebooks for ₹900. He sold one-fifth of them at a loss of 10%. At what price (in ₹) should he sell the remaining notebooks in order to earn a profit of 25% on the whole?

- Ans**
- ☐ 1. 945
 - ☐ 2. 1125
 - ☒ 3. 963
 - ☐ 4. 1033

Q.9 If the HCF of 156 and 96 is expressible in the form of $156 \times 12 + 96A$, then the value of A is:

- Ans**
- ☒ 1. -19.375
 - ☐ 2. 19.735
 - ☐ 3. -19.735
 - ☐ 4. 19.375

Q.10 Reena buys an iron for ₹900 and sells it at a loss of 12%. What is the selling price of the iron?

- Ans**
- ☒ 1. ₹792
 - ☐ 2. ₹658
 - ☐ 3. ₹763
 - ☐ 4. ₹825

Q.11 LCM of two prime numbers 'a' and 'b' where $a > b$ is 209. What is the value of $7b + 2a$?

- Ans**
- ☐ 1. 125
 - ☒ 2. 115
 - ☐ 3. 155
 - ☐ 4. 145

Q.12 A metallic sphere with a radius of 35 cm is melted and subsequently transformed into several small solid cones, each having a diameter of 14 cm and a height of 4 cm. How many cones are formed as a result of this process?

- Ans**
- ☒ 1. 875
 - ☐ 2. 825
 - ☐ 3. 900
 - ☐ 4. 850

Q.13 The speed of a boat in still water is 12 km/h and the stream flows at a speed of 3 km/h. The distance travelled in the boat downstream in 24 minutes is:

- Ans**
- ☐ 1. 5 km
 - ☐ 2. 4 km
 - ☐ 3. 7 km
 - ☒ 4. 6 km

Q.14 What will be the ratio of simple interest earned by a certain amount at the same rate of interest for 12 years and that for 15 years?

- Ans**
- ☐ 1. 3 : 4
 - ☒ 2. 4 : 5
 - ☐ 3. 2 : 3
 - ☐ 4. 2 : 5

Q.15 Find the gain percentage, given that Nidhi sold her scooter for ₹80442 gaining $\frac{1}{6}$ th of the selling price.

Ans ☐ 1. 35%
☒ 2. 20%
☐ 3. 15%
☐ 4. 10%

Q.16 A jar contains a mixture with 45% syrup. A portion of this mixture is replaced by another mixture containing 30% syrup. The new mixture is found to have 34% syrup. What is the ratio in which these mixtures should be mixed to obtain the new mixture?

Ans ☐ 1. 3 : 14
☐ 2. 7 : 10
☐ 3. 5 : 13
☒ 4. 4 : 11

Q.17 The expenses of painting the inner curved surface of a cylindrical vessel 20 m deep is ₹4,400. If the painting rate is ₹40 per m², find the total surface area (in m²) of the vessel correct to two places of decimals. (used $\pi = \frac{22}{7}$).

Ans ☐ 1. 115.81 m²
☐ 2. 117.81 m²
☒ 3. 114.81 m²
☐ 4. 116.81 m²

Q.18 A hemispherical bowl is made of 1 cm thick copper.. The inner radius of the bowl is 6 cm. Find the cost to paint the outer curved surface area of the bowl, if the paint cost is ₹2 per cm²? (Use $\pi = \frac{22}{7}$)

Ans ☐ 1. Rs.552
☐ 2. Rs.604
☒ 3. Rs.616
☐ 4. Rs.586

Q.19 The price ratio between wheat and rice is 9 : 11, whereas the household consumption ratio is 11 : 13. Calculate the ratio of expenses related to rice and wheat.

Ans ☐ 1. 13 : 7
☐ 2. 9 : 13
☐ 3. 7 : 13
☒ 4. 13 : 9

Q.20 The speed of a car is 81 km/hr. The distance covered by the car in 24 seconds is:

Ans ☐ 1. 270 m
☒ 2. 540 m
☐ 3. 280 m
☐ 4. 560 m

Q.1 What should come in place of the question mark (?) in the given series?

13 21 33 49 ? 93

- Ans**
- ☒ 1. 69
 - ☐ 2. 74
 - ☐ 3. 79
 - ☐ 4. 82

Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

No crow is a parrot.

No parrot is sparrow.

Conclusions:

(I) No crow is a sparrow.

(II) No parrot is a crow.

- Ans**
- ☒ 1. Only conclusion II follows
 - ☐ 2. Both conclusions I and II follow
 - ☐ 3. Only conclusion I follows
 - ☐ 4. Neither conclusion I nor II follows

Q.3 PUQV is related to RWSX in a certain way based on the English alphabetical order. In the same way, JOKP is related to LQMR. To which of the following is MRNS related, following the same logic?

- Ans**
- ☐ 1. OTUP
 - ☐ 2. TOPU
 - ☒ 3. OTPU
 - ☐ 4. TOUP

Q.4 In a certain code language, 'BUYS' is coded as '5173' and 'YOLK' is coded as '6458'. What is the code for 'Y' in the given code language?

- Ans**
- ☐ 1. 6
 - ☒ 2. 5
 - ☐ 3. 8
 - ☐ 4. 7

Q.5 10 is related to 99 following a certain logic. Following the same logic, 14 is related to 195. To which of the following is 22 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 483
 - ☐ 2. 463
 - ☐ 3. 453
 - ☐ 4. 473

Q.6 JA 88 is related to OF 77 in a certain way. In the same way, DT 55 is related to IY 44. To which of the following is LH 33 related following the same logic?

- Ans**
- ☐ 1. NU 25
 - ☒ 2. QM 22
 - ☐ 3. OS 22
 - ☐ 4. XD 77

Q.7 What will come in the place of the question mark (?) in the following equation if '–' and '÷' are interchanged and '+' and '×' are interchanged?

$$7 + 5 \div 4 + 5 \div 36 - 4 \times 7 = ?$$

- Ans**
- ☒ 1. 13
 - ☐ 2. 31
 - ☐ 3. 53
 - ☐ 4. 15

Q.8 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
JLF, KOI, LRL, MUO, ?

- Ans**
- ☒ 1. NXR
 - ☐ 2. MXT
 - ☐ 3. OYR
 - ☐ 4. NRY

Q.9 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12, 144

16, 256

- Ans**
- ☐ 1. 27, 321
 - ☐ 2. 21, 141
 - ☐ 3. 23, 415
 - ☒ 4. 19, 361

Q.10 Given below are two sets of numbers. In each set of numbers, a certain mathematical operation on the first number results in the second number. Which of the options follows the same operation as given in the question?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(21, 10)

(87, 43)

- Ans**
- ☐ 1. (25, 9)
 - ☐ 2. (55, 21)
 - ☐ 3. (18, 7)
 - ☒ 4. (27, 13)

Q.11 What should come in place of the question mark (?) in the following series?

213, 206, 199, 192, 185, ?

- Ans**
- ☐ 1. 179
 - ☐ 2. 190
 - ☐ 3. 189
 - ☒ 4. 178

Q.12 In a certain code language, 'BASE' is coded as '2416' and 'SOUP' is coded as '3719'. What is the code for 'S' in the given code language?

- Ans**
- ☐ 1. 3
 - ☐ 2. 2
 - ☒ 3. 1
 - ☐ 4. 6

Q.13 Six students Amit, Shivam, Dinesh, Kamlesh, Nihar and Roshan are sitting around a circular table, facing the centre (but not necessarily in the same order). Amit is sitting to the immediate right of Shivam. Dinesh is sitting second to the right of Shivam. Nihar is an immediate neighbour of both Dinesh and Roshan. Who is sitting to the immediate right of Roshan?

- Ans**
- ☐ 1. Shivam
 - ☐ 2. Nihar
 - ☒ 3. Kamlesh
 - ☐ 4. Amit

Q.14 In a certain code language, 'MOBILE' is coded as '789410' and 'PINK' is coded as '2358'. How is 'I' coded in the given language?

Ans  1. 3
 2. 5
 3. 8
 4. 2

Q.15 Which two signs should be interchanged to make the following equation correct?

$$14 + 18 - 6 \times 15 \div 24 = 35$$

Ans  1. - and +
 2. - and ÷
 3. + and ×
 4. ÷ and ×

Q.16 NQ 12 is related to PS 15 in a certain way. In the same way, DG 18 is related to FI 21. To which of the following is TW 14 related, following the same logic?

Ans  1. VY 17
 2. VZ 18
 3. VY 18
 4. VZ 17

Q.17 In a certain code language, 'find this clue' is written as 'ak dh fk' and 'clue for you' is written as 'sg fk bo'. How is 'clue' written in the given language?

Ans  1. fk
 2. ak
 3. sg
 4. dh

Q.18 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- All lakes are rivers.
- All rivers are dams.

Conclusions:

- (I) At least some dams are lakes.
(II) All rivers are lakes.

Ans  1. Both conclusions (I) and (II) follow
 2. Only conclusion (I) follows
 3. Neither conclusion (I) nor (II) follows
 4. Only conclusion (II) follows

Q.19 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

No horse is a tiger.
All tigers are lions.

Conclusions:

- (I) At least some lions are horses.
(II) All lions are tigers.

Ans  1. Only conclusion (II) follows
 2. Neither conclusion (I) nor (II) follows
 3. Both conclusions (I) and (II) follow
 4. Only conclusion (I) follows

Q.20 A, B, C, D, E, F, and G are sitting around a circular table, facing the centre (but not necessarily in the same order).Only 2 people sit between G and A when counted from the right of G.Only 2 people sit between E and D when counted from the right of E.E is an immediate neighbour of A.Only 2 people sit between B and C when counted from the left of C. What is the position of F with respect to B?

- Ans**
-  1. 3rd to the right
 -  2. 2nd to the right
 -  3. 2nd to the left
 -  4. 3rd to the left

Section : **General Awareness**

Q.1 In 1905, Hindus and Muslims tied 'Rakhi' on each other's hands to show their unity and their protest against the _____.

- Ans**
-  1. Partition of Punjab
 -  2. Rowlatt Act
 -  3. Morley-Minto Reforms
 -  4. Partition of Bengal

Q.2 As per the Constitution of India, every Governor, before entering upon his office, will make and subscribe an oath in the presence of the _____.

- Ans**
-  1. Chief Minister
 -  2. President
 -  3. Chief Justice of India
 -  4. Chief Justice of the High Court

Q.3 Which of the following is a crop grown in Rabi season in India?

- Ans**
-  1. Wheat
 -  2. Rice
 -  3. Maize
 -  4. Soyabean

Q.4 The 2011 census was the _____ official survey conducted in India.

- Ans**
-  1. 16th
 -  2. 14th
 -  3. 15th
 -  4. 18th

Q.5 The 'Secular' word in the Indian Constitution was added to the constitution by _____ Constitutional Amendment Act.

- Ans**
-  1. 44th
 -  2. 42nd
 -  3. 46th
 -  4. 48th

Q.6 As per the World Happiness Index 2023, which of the following countries secured the highest rank?

- Ans**
-  1. Bangladesh
 -  2. Sri Lanka
 -  3. Nepal
 -  4. Pakistan

Q.7 When did India declare itself a Sovereign, Democratic and Republic state with the adoption of the Constitution?

- Ans**
-  1. 14 November 1952
 -  2. 26 January 1950
 -  3. 2 October 1949
 -  4. 15 August 1947

Q.8 Which of the following are recognised as final goods while estimating the gross domestic product in India?

- a. Wheat purchased for making roti in a house
- b. Wheat purchased for making roti in a hotel
- c. Tea bags used to make tea in a house
- d. Tea bags used to make tea in a university hostel canteen

Ans  1. Only a and b
 2. Only a and c
 3. Only b and c
 4. Only b and d

Q.9 Atmospheric temperature usually decreases with altitude, but sometimes this phenomenon gets reversed in the troposphere. This phenomenon is known as _____.

Ans  1. Global Warming
 2. Adiabatic Lapse Rate
 3. Temperature Inversion
 4. Temperature Convection

Q.10 The famous Sanskrit grammar book 'Mahabhasya' was written by:

Ans  1. Panini
 2. Patanjali
 3. Vedvyas
 4. Bharatmuni

Q.11 In the final match of the Asian Games _____ held in Jakarta, Indonesia, India secured gold by defeating South Korea with a score of 2-1 in football.

Ans  1. 1966
 2. 1962
 3. 1958
 4. 1970

Q.12 Which of the following statements are correct postulates of Dalton's atomic theory?

- A. All matter is made up of atoms. These atoms participate in chemical reactions.
- B. Atoms might be created or destroyed during a chemical reaction.
- C. Atoms of different elements vary in mass and chemical properties.
- D. Compounds are combination of atoms in the ratio of whole or fractional numbers.
- E. A compound will always have constant relative number and kind of atoms.

Ans  1. B, C, D
 2. A, B, D
 3. B, D, E
 4. A, C, E

Q.13 The famous novel 'The house of blue mangoes' is written by:

Ans  1. David Davidar
 2. Anees Salim
 3. Shashi Tharoor
 4. Romila Thapar

Q.14 Diwan-i-Am, containing the marble canopy ornamented with beautiful panels of pietra dura work, is a part of which monument?

Ans  1. Bibi ka Makbara
 2. Taj Mahal
 3. Humayun Tomb
 4. Red Fort

Q.15 Who among the following social reformers established the 'Prarthana Samaj' in Bombay in 1876?

Ans  1. Gopal Hari Deshmukh
 2. Atmaram Pandurang
 3. Bal Gangadhar Tilak
 4. Ganesh Agarkar

Q.16 In badminton, how high above the ground is the net positioned at the centre?

- Ans**
- ☐ 1. 6 feet
 - ☐ 2. 4 feet
 - ☒ 3. 5 feet
 - ☐ 4. 5.5 feet

Q.17 What is the name of the German Chancellor who visited India in February 2023?

- Ans**
- ☒ 1. Olaf Scholz
 - ☐ 2. Willy Brandt
 - ☐ 3. Wilhem Steinberg
 - ☐ 4. Angela Markel

Q.18 The Tunga and Bhadra are tributaries of which river?

- Ans**
- ☐ 1. Tapti
 - ☐ 2. Narmada
 - ☒ 3. Krishna
 - ☐ 4. Godavari

Q.19 As on February 2024, who among the following is the Union Minister for Ports, Shipping and Waterways?

- Ans**
- ☐ 1. Prahlad Joshi
 - ☒ 2. Sarbananda Sonowal
 - ☐ 3. Giraj Singh
 - ☐ 4. Hardeep Singh Puri

Q.20 Who among the following Portuguese travellers visited the Vijayanagar empire during the reign of Krishnadevaraya?

- Ans**
- ☐ 1. Ludovico de Varthema
 - ☒ 2. Domingo Paes
 - ☐ 3. Nicolo de Conti
 - ☐ 4. Athanasius Nikitin

Q.21 'Alarippu' is the first dance item of which of the following Indian classical dance forms?

- Ans**
- ☐ 1. Kathakali
 - ☒ 2. Bharatanatyam
 - ☐ 3. Kuchipudi
 - ☐ 4. Odissi

Q.22 If the Glycemic Index (GI) of a specific food is from 70 to 100, then the type of that food is:

- Ans**
- ☐ 1. Medium-GI food
 - ☐ 2. Extremely low-GI food
 - ☐ 3. Low-GI food
 - ☒ 4. High-GI food

Q.23 Hariharan was conferred the Padma Shri in 2004 for his contribution to which of the following fields?

- Ans**
- ☐ 1. Sports
 - ☐ 2. Civil Service
 - ☐ 3. Medicine
 - ☒ 4. Art - Music

Q.24 Which of the following characteristics was used by Aristotle to classify animals?

- Ans**
- ☒ 1. Habitat
 - ☐ 2. Photosynthesis
 - ☐ 3. Types of body cells
 - ☐ 4. Specialised organs

Q.25 Who among the following founded his Kuchipudi Art Academy at Madras in 1963?

- Ans**
-  1. Raja Reddy
 -  2. Vempati Chinna Satyam
 -  3. Lakshmi Narayan Shastri
 -  4. Kamalakar Kameshwar Rao

Section : **English Language and Comprehension**

Q.1 Select the most appropriate adjective to fill in the blank.

Jack always looks handsome, even if he is a _____ out of style.

- Ans**
-  1. least
 -  2. less
 -  3. little
 -  4. more little

Q.2 Select the most appropriate synonym of the given word.
Idle

- Ans**
-  1. Uneasy
 -  2. Ungrateful
 -  3. Unsafe
 -  4. Unoccupied

Q.3 Select the most appropriate meaning of the given idiom.

Like a dying duck in a thunderstorm

- Ans**
-  1. Bad swimmer or practitioner
 -  2. Dejected or hopeless
 -  3. Fearful or scared of water
 -  4. Harmful or vigilant

Q.4 Select the most appropriate option to fill in the blank.

The teacher emphasised the importance of _____ correct grammar and punctuation in our writing.

- Ans**
-  1. uses
 -  2. used
 -  3. use
 -  4. using

Q.5 Select the most appropriate ANTONYM that can substitute the underlined segment in the given sentence.

Amit, the stand-up comedian, delivered a hilarious performance.

- Ans**
-  1. serious
 -  2. spleen
 -  3. pertinent
 -  4. ideological

Q.6 Select the option that correctly rectifies the underlined spelling error.
The beutiful flowers bloomed in the garden.

- Ans**
-  1. beautifull
 -  2. beiutiful
 -  3. beautiful
 -  4. beautifuul

Q.7 Select the most appropriate option to fill in the blank.

Doves _____ in the sky above me.

- Ans**
- ☒ 1. soar
 - ☐ 2. sore
 - ☐ 3. sour
 - ☐ 4. shore

Q.8 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Regulator
 - ☐ 2. Annual
 - ☒ 3. Machenical
 - ☐ 4. Technical

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Gold is much costly than any other metal.

- Ans**
- ☐ 1. most
 - ☒ 2. more
 - ☐ 3. many
 - ☐ 4. most costlier

Q.10 Select the most appropriate **ANTONYM** that can substitute the underlined segment in the given sentence.

High-altitude climbing poses significant risks due to factors like altitude sickness, hypothermia and extreme weather conditions.

- Ans**
- ☐ 1. magnificent
 - ☒ 2. inconsequential
 - ☐ 3. tempestuous
 - ☐ 4. plentiful

Q.11 Select the most appropriate adjective to fill in the blank.

The orator declared that the women are _____ than the men.

- Ans**
- ☐ 1. intelligenter
 - ☐ 2. most intelligent
 - ☒ 3. more intelligent
 - ☐ 4. intelligent

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

The scientific study of the structure and form of animals and plants

- Ans**
- ☐ 1. Zoology
 - ☐ 2. Botany
 - ☐ 3. Biology
 - ☒ 4. Morphology

Q.13 Select the most appropriate option to fill in the blank.
She _____ the book to her friend.

- Ans**
- ☐ 1. leant
 - ☐ 2. laned
 - ☒ 3. lent
 - ☐ 4. lend

Q.14 Select the grammatically correct sentence from the given options.

- Ans**
- ☐ 1. The Nile is the longest river in the world with a length about approximately 6650 km.
 - ☒ 2. The Nile is the longest river in the world with a length of approximately 6650 km.
 - ☐ 3. The Nile is the long river in the world with a length about approximately 6650 km.
 - ☐ 4. The Nile is the most long river in the world of a length of approximately 6650 km.

Q.15 Select the most appropriate option to fill in the blank.

The writer's _____ prose resonated with readers, evoking powerful emotions.

- Ans**
- ☒ 1. banal
 - ☒ 2. mundane
 - ☒ 3. eloquent
 - ☒ 4. sporadic

Q.16 Select the most appropriate meaning of the underlined idiom.

We talked over the matter for two hours; unfortunately, we could not reach a decision.

- Ans**
- ☒ 1. Discussed
 - ☒ 2. Debated
 - ☒ 3. Argued
 - ☒ 4. Quarrelled

Q.17 Select the most appropriate ANTONYM of the underlined segment in the given sentence.

It's important to bring up sensitive topics in a respectful manner.

- Ans**
- ☒ 1. Considerate
 - ☒ 2. Strong
 - ☒ 3. Cordial
 - ☒ 4. Drowsy

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The train is running / late by six hours / so it / cannot make over the time.

- Ans**
- ☒ 1. The train is running
 - ☒ 2. late by six hours
 - ☒ 3. so it
 - ☒ 4. cannot make over the time

Q.19 Select the most appropriate option to fill in the blank.

The croissant was _____, as was the coffee.

- Ans**
- ☒ 1. inferior
 - ☒ 2. excellent
 - ☒ 3. ambitious
 - ☒ 4. eloquent

Q.20 Select the grammatically correct sentence from the given options..

- Ans**
- ☒ 1. A lot of book and notes placed in order looks most fascinating.
 - ☒ 2. A lot of books and notes placed on order looks most fascinating.
 - ☒ 3. A lot of books and notes place in order look most fascinating.
 - ☒ 4. A lot of books and notes placed in order look fascinating.

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is true that strangers meeting for the first time seem to feel ____1____ if they do not engage ____2____ small talk. Usually, this is ____3____ and even necessary if strangers are to size each other up. But, this small talk aside, what are some ____4____ rules for general conversation? In the first place, certain ____5____ should be taboo. Kitchen topics, bus time-tables and other dull or specialised things should be barred from general discussion.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. uncomfortable
 - ☒ 2. discomforts
 - ☒ 3. comforting
 - ☒ 4. comforts

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is true that strangers meeting for the first time seem to feel ____1____ if they do not engage ____2____ small talk. Usually, this is ____3____ and even necessary if strangers are to size each other up. But, this small talk aside, what are some ____4____ rules for general conversation?
In the first place, certain ____5____ should be taboo. Kitchen topics, bus time-tables and other dull or specialised things should be barred from general discussion.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☐ 1. on
 - ☐ 2. by
 - ☒ 3. in
 - ☐ 4. from

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is true that strangers meeting for the first time seem to feel ____1____ if they do not engage ____2____ small talk. Usually, this is ____3____ and even necessary if strangers are to size each other up. But, this small talk aside, what are some ____4____ rules for general conversation?
In the first place, certain ____5____ should be taboo. Kitchen topics, bus time-tables and other dull or specialised things should be barred from general discussion.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. happy
 - ☐ 2. remedy
 - ☐ 3. comedy
 - ☒ 4. harmless

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is true that strangers meeting for the first time seem to feel ____1____ if they do not engage ____2____ small talk. Usually, this is ____3____ and even necessary if strangers are to size each other up. But, this small talk aside, what are some ____4____ rules for general conversation?
In the first place, certain ____5____ should be taboo. Kitchen topics, bus time-tables and other dull or specialised things should be barred from general discussion.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. illuminative
 - ☐ 2. eliminating
 - ☒ 3. elementary
 - ☐ 4. alimentary

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It is true that strangers meeting for the first time seem to feel ____1____ if they do not engage ____2____ small talk. Usually, this is ____3____ and even necessary if strangers are to size each other up. But, this small talk aside, what are some ____4____ rules for general conversation?
In the first place, certain ____5____ should be taboo. Kitchen topics, bus time-tables and other dull or specialised things should be barred from general discussion.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. books
 - ☐ 2. essays
 - ☒ 3. subjects
 - ☐ 4. objects

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	23/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 The internal and external diameters of a hollow hemispherical vessel are 28 cm and 32 cm, respectively. The cost incurred to paint 1 cm² of the vessel surface is ₹2.50. Find the total cost incurred to paint the vessel all over, correct to two decimals.

(Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. ₹7,547.28
 - ☐ 2. ₹7,745.28
 - ☐ 3. ₹5,774.28
 - ☒ 4. ₹7,574.28

Q.2 The least number of five digits which is exactly divisible by each one of the numbers 12, 15 and 18 is:

- Ans
- ☐ 1. 10015
 - ☐ 2. 10010
 - ☒ 3. 10080
 - ☐ 4. 10020

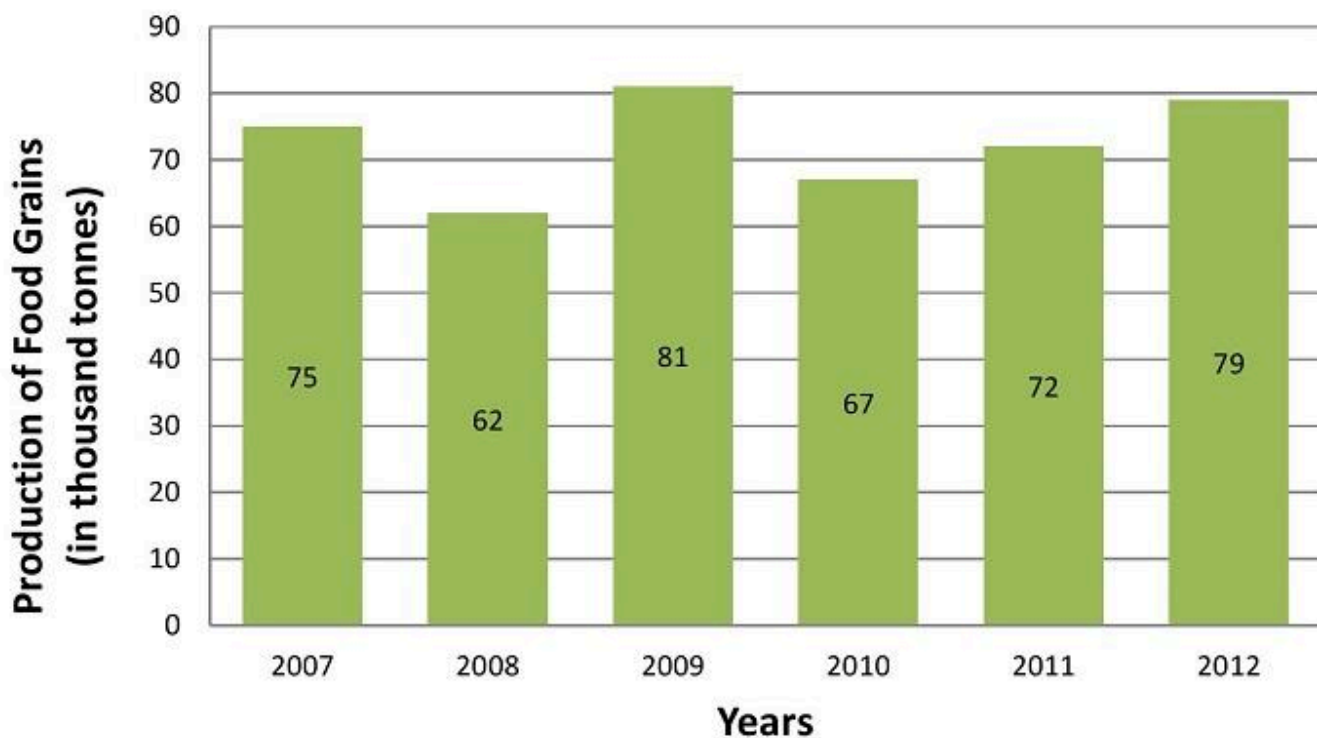
Q.3 After how many years will a sum of ₹8,925 at simple interest fetch a total amount of ₹12,941.25 at the rate of 9% per annum?

- Ans
- ☐ 1. 6 years
 - ☒ 2. 5 years
 - ☐ 3. 3 years
 - ☐ 4. 4 years

Q.4 The ratio of per kg market price of rice to that of wheat flour is 7 : 9 and the ratio of their quantities consumed by a family is 9 : 11. Find the ratio of the family's expenditure on rice to that on wheat flour.

- Ans
- ☒ 1. 7 : 11
 - ☐ 2. 11 : 9
 - ☐ 3. 7 : 9
 - ☐ 4. 9 : 11

Q.5 The given graph shows the production of food grains of a country in different years. Study the graph and answer the question that follows.



The percentage increase in production from 2010 to 2011 was (Rounded off to 2 decimal places):

- Ans
- ☒ 1. 6.38%
 - ☒ 2. 7.46%
 - ☒ 3. 5.12%
 - ☒ 4. 4.23%

Q.6 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 8% per year rate of interest for 3 years.

- Ans
- ☒ 1. 660
 - ☒ 2. 760
 - ☒ 3. 720
 - ☒ 4. 680

Q.7 Find the curved surface area of the cylinder which has a height of 25 m and a base of radius 7 m.

- Ans
- ☒ 1. 733 m^2
 - ☒ 2. 1100 m^2
 - ☒ 3. 2200 m^2
 - ☒ 4. 550 m^2

Q.8 The average score in the Mathematics exam of a class of 60 students is 52. A group of 8 boys with an average score of 40 left the class and another group of 10 boys with an average score of 43 joined the class. What is the new average score of the class? (correct to one decimal place)

- Ans
- ☒ 1. 53.9
 - ☒ 2. 52.1
 - ☒ 3. 55.7
 - ☒ 4. 50.5

Q.9 Find the average of the numbers 1, -1, 0 and 2.

- Ans
- ☒ 1. 1.5
 - ☒ 2. 2
 - ☒ 3. 4
 - ☒ 4. 0.5

Q.10 In an experiment to determine the refractive index of water, a student took five sets of observations and got the values for the refractive index of water as 1.32, 1.37, 1.36, 1.39 and 1.31. What is its average value?

- Ans**
- ☐ 1. 1.33
 - ☒ 2. 1.35
 - ☐ 3. 1.34
 - ☐ 4. 1.36

Q.11 The given table shows the number of chocolates produced by five factories over 3 years.

Year	Factory				
	P	Q	R	S	T
2020	15,230	10,250	12,390	16,250	15,840
2021	12,110	13,256	17,820	14,561	13,258
2022	18,450	14,235	12,350	10,259	16,575

What is the average number of chocolates produced by factory S over the years?

- Ans**
- ☐ 1. 12320
 - ☐ 2. 10290
 - ☒ 3. 13690
 - ☐ 4. 11230

Q.12 A vendor loses the selling price of 4 oranges on selling 36 oranges. His loss percentage is:

- Ans**
- ☐ 1. 15%
 - ☒ 2. 10%
 - ☐ 3. $11\frac{1}{9}\%$
 - ☐ 4. 20%

Q.13 By selling an item for ₹ 125, S earns 12% profit. What is the cost of the item (in ₹)? (Correct up to 2 decimal digits)

- Ans**
- ☐ 1. 116.61
 - ☒ 2. 111.61
 - ☐ 3. 116.16
 - ☐ 4. 111.16

Q.14 The marked price of a trouser is ₹1,200. A shopkeeper offers 20% discount on this trouser and then again offers 30% discount on the new price. How much will you have to pay finally?

- Ans**
- ☒ 1. ₹672
 - ☐ 2. ₹665
 - ☐ 3. ₹650
 - ☐ 4. ₹655

Q.15 Suman travels the first 330 km by train at a speed of 110 km/hr and the next 165 km by bus at 55 km/hr. Ignoring the buffer time between different modes of travel, the average speed (in km/hr) for her tour was:

- Ans
- ☐ 1. $79\frac{1}{3}$
 - ☐ 2. 90
 - ☒ 3. $82\frac{1}{2}$
 - ☐ 4. 85.5

Q.16 The price of a book is first increased by 10% and then again by 20%. If the price of the book after both increments is ₹33, then the original price (in ₹) of the book is:

- Ans
- ☐ 1. 32
 - ☒ 2. 25
 - ☐ 3. 33
 - ☐ 4. 30

Q.17 In an NCC camp, the average weight was 72 kg. If 5 cadets having average weight 76 kg leave and 11 cadets of average weight 79 kg join the group, the average weight of the cadets in the group increases by 0.6 kg. The number of cadets, initially in the group was:

- Ans
- ☐ 1. 81
 - ☐ 2. 91
 - ☐ 3. 85
 - ☒ 4. 89

Q.18 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 9% per year rate of interest for 3 years.

- Ans
- ☐ 1. 480
 - ☐ 2. 580
 - ☐ 3. 500
 - ☒ 4. 540

Q.19 If the speed of a boat going downstream is 40 km/h and its speed going upstream is 20 km/h, then find the speed of the stream (in km/h).

- Ans
- ☐ 1. 40
 - ☒ 2. 10
 - ☐ 3. 20
 - ☐ 4. 15

Q.20 A solid top is in the form of a cone surmounted by a hemisphere. If the volume of the solid is 2816 cm^3 and the radius of the hemispherical part is 8 cm, then the height of the top is:

(Take $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 26 cm
 - ☐ 2. 42 cm
 - ☐ 3. 50 cm
 - ☒ 4. 34 cm

Section : Reasoning Ability and Problem Solving

Q.1 What should come in place of '?' in the given series?

17, 32, 93, 460, 3213, ?

- Ans
- ☐ 1. 22484
 - ☒ 2. 35332
 - ☐ 3. 28908
 - ☐ 4. 25696

Q.2 8 is related to 62 following a certain logic. Following the same logic, 11 is related to 119. To which of the following is 15 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 123
 - ☐ 2. 323
 - ☒ 3. 223
 - ☐ 4. 423

Q.3 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). B sits second to the right of E, who is second to the right of C. G sits third to the left of D, who is not an immediate neighbour of F. A sits second to the right of D. What is the position of E with respect to C?

- Ans**
- ☐ 1. Immediate left
 - ☐ 2. Immediate right
 - ☒ 3. Second to the right
 - ☐ 4. Second to the left

Q.4 In a certain code language, 'they may go tomorrow' is written as 'di hi bi fi' and 'we will come tomorrow' is written as 'li ji mi hi'. How is 'tomorrow' written in the given language?

- Ans**
- ☐ 1. li
 - ☒ 2. hi
 - ☐ 3. mi
 - ☐ 4. di

Q.5 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

=	U	P	=	
P O U T	T = 8 P	U 8 = O	O P T U	?
8	O	T	8	

Ans

✗ 1.

8
U O P T
=

✗ 2.

O
8 T P =
U

✗ 3.

8
P T U O
=

✓ 4.

U
= T P 8
O

Q.6 In a certain code language, 'under the impression' is written as 'ly ga po' and 'first impression matters' is written as 'ka mo po'. How will 'impression' be written in that language?

- Ans
- ✗ 1. ka
 - ✗ 2. ly
 - ✓ 3. po
 - ✗ 4. mo

Q.7 In a certain code language, 'FIRE' is coded as '9571' and 'ROAD' is coded as '2146'. What is the code for 'R' in the given code language?

- Ans
- ✓ 1. 1
 - ✗ 2. 7
 - ✗ 3. 6
 - ✗ 4. 2

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).
Statements:
Some pigs are frogs.
All bats are pigs.
Conclusions:
(I) At least some bats are frogs
(II) All pigs are bats.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows
 - ☐ 2. Both conclusions (I) and (II) follow
 - ☐ 3. Only conclusion (II) follows
 - ☐ 4. Only conclusion (I) follows

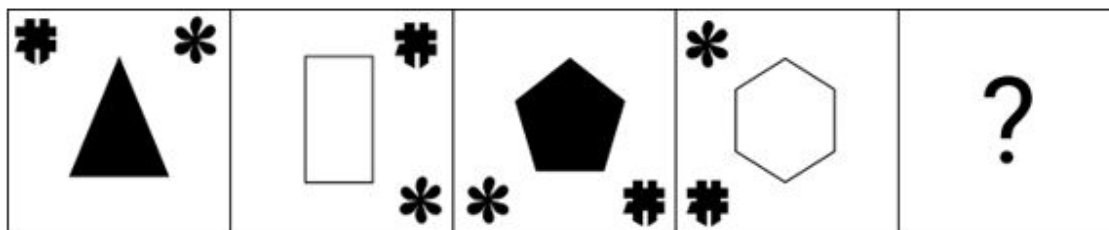
Q.9 What will come in the place of '?' in the following equation, if '-' and '×' are interchanged and '+' and '÷' are interchanged?
 $99 + 9 - 19 \times 59 \div 29 = ?$

- Ans**
- ☐ 1. 153
 - ☒ 2. 179
 - ☐ 3. 189
 - ☐ 4. 169

Q.10 IRIG is related to OXOM in a certain way based on the English alphabetical order. In the same way, DLEC is related to JRKI. To which of the following is SBUS related, following the same logic?

- Ans**
- ☐ 1. AYYH
 - ☐ 2. YHYA
 - ☒ 3. YHAY
 - ☐ 4. AYHY

Q.11 Identify the figure given in the options which when put in place of ? will logically complete the series.

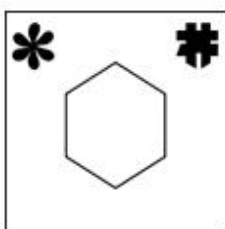


Ans

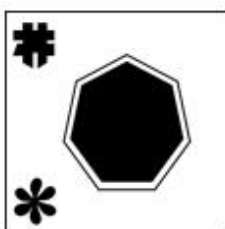
✓ 1.



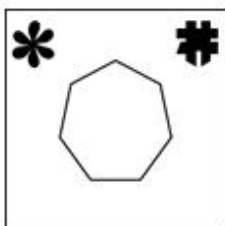
✗ 2.



✗ 3.



✗ 4.



Q.12 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(17, 10, 95)

(2, 11, 21)

Ans ✓ 1. (10, 6, 56)

✗ 2. (19, 18, 30)

✗ 3. (24, 18, 128)

✗ 4. (20, 16, 26)

Q.13 In a certain code language, 'pass the ball' is coded as 'bq tr vl' and 'ball is red' is coded as 'hx vo bq'. How is 'ball' coded in the given language?

Ans ✗ 1. hx

✗ 2. tr

✗ 3. vl

✓ 4. bq

Q.14 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $16 \div 4 + 18 - 14 \times 7 = ?$

Ans ☐ 1. 62
☐ 2. 65
☐ 3. 52
☒ 4. 48

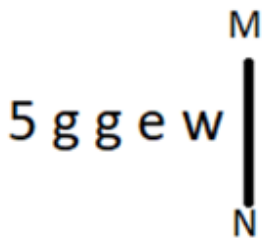
Q.15 EMHD is related to GOJF in a certain way based on the English alphabetical order. In the same way, IQLH is related to KSNJ. To which of the following is LTOK related following the same logic?

Ans ☐ 1. VNQM
☐ 2. VNMQ
☒ 3. NVQM
☐ 4. NVMQ

Q.16 Seven friends, A, B, C, D, E, F and G, are sitting around a table, facing the centre (but not necessarily in the same order). B is to the immediate right of F, and A is to the immediate right of B. E is an immediate neighbour of both F and D, while G is an immediate neighbour of both D and C. Who is sitting to the immediate right of A?

Ans ☐ 1. B
☐ 2. D
☐ 3. E
☒ 4. C

Q.17 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans ☐ 1. M ə g g ɿ
☐ 2. W ɐ ɹ ɹ ɿ
☒ 3. W ɐ g g ɿ
☐ 4. ɿ ɹ ɹ e w

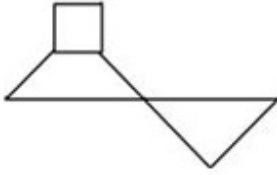
Q.18 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
 All vases are portraits.
 Some portraits are flowers.

Conclusions:
 (I) All flowers are vases.
 (II) Some flowers may be portraits.

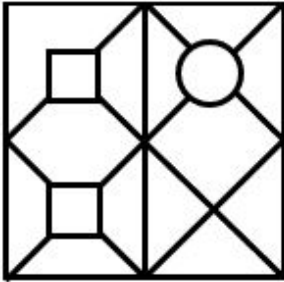
Ans ☐ 1. Neither conclusion I nor II follow
☐ 2. Both conclusion I and II follow
☒ 3. Only conclusion II follows
☐ 4. Only conclusion I follows

Q.19 Select the option in which the given figure is embedded (rotation is NOT allowed).

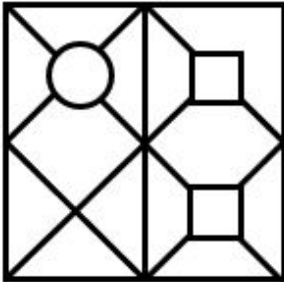


Ans

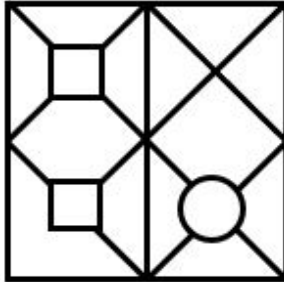
✗ 1.



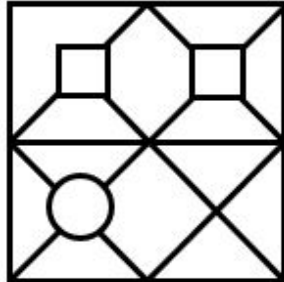
✗ 2.



✗ 3.



✓ 4.



Q.20 What should come in place of the question mark (?) in the following series based on the English alphabetical order?
EVD, ITH, MRL, QPP, ?

Ans ✗ 1. UMT

✓ 2. UNT

✗ 3. UNS

✗ 4. UMS

Section : **General Awareness**

Q.1 The founder of Bahmani kingdom who assumed the title of 'Alauddin Hasan Bahman Shah' was _____.

Ans ✗ 1. Feroz Shah Bahmani

✗ 2. Ahmad Shah

✓ 3. Hasan Gangu

✗ 4. Muhammad Shah

Q.2	Who among the following appoints the Acting Chief Justice in the absence of the Chief Justice of India?
Ans	 1. Prime Minister  2. President  3. Council of Ministers  4. Senior most Judge of the Supreme Court
Q.3	Padma Shri awardee (2023) Guru K Kalyanasundaram Pillai is an exponent of which of the following classical dance genres?
Ans	 1. Sattriya  2. Bharatnatyam  3. Kathakali  4. Kathak
Q.4	What is the specific field of study focused on examining extinct animals?
Ans	 1. Glaciology  2. Gemology  3. Economic geology  4. Palaeontology
Q.5	The condition when the amount of dissolved oxygen in a water body is alarmingly decreased is called:
Ans	 1. acidification  2. anoxia  3. hypothermia  4. hypoxia
Q.6	Which of the following leaders died after being hit by sticks while protesting against the Simon Commission?
Ans	 1. Chandra Shekhar Azad  2. Lala Lajpat Rai  3. Bal Gangadhar Tilak  4. Bhagat Singh
Q.7	In badminton, how high above the ground is the net positioned at the edges?
Ans	 1. 5.1 feet  2. 5.2 feet  3. 5.4 feet  4. 5.3 feet
Q.8	As per the Periodic Labour Force data 2023, which of the following states recorded the highest unemployment rate in urban areas for the age group 15 years and above?
Ans	 1. Himachal Pradesh  2. Chhattisgarh  3. Rajasthan  4. Kerala
Q.9	Which of the following statements is/are true about the Iron Age? 1 The establishment of large cities took place on the basis of sizeable surplus. 2 The ceramic associated with this age was Painted Grey Ware. 3 The Indus Valley Civilization flourished during the Iron Age
Ans	 1. All 1, 2 and 3  2. Only 1  3. Only 2 and 3  4. Only 1 and 2
Q.10	Kudumbashree is a poverty eradication and women empowerment programme. In which state of India does this programme operate?
Ans	 1. Kerala  2. Andhra Pradesh  3. Karnataka  4. Tamil Nadu

Q.11 The Sun Temple at Konark, the Khajuraho Temple in Madhya Pradesh and the recently constructed Ram Temple in Ayodhya are examples of temples designed in which style of temple architecture?

- Ans**
-  1. Hoysala
 -  2. Vesara
 -  3. Dravida
 -  4. Nagara

Q.12 Which of the following represents the chemical formula for sulphur hexafluoride?

- Ans**
-  1. S₂F₆
 -  2. SF₆
 -  3. S₆F
 -  4. SF₂

Q.13 ‘Running for My Life: One Lost Boy’s Journey from the Killing Fields of Sudan to the Olympic Games’ an autobiography depicting the struggle for life to success in life is written by who among the following personalities?

- Ans**
-  1. Arnold Palmer
 -  2. Lopez Lomong
 -  3. Jesse Owens
 -  4. Noah Lyles

Q.14 ‘NISHTHA’ stands for _____.

- Ans**
-  1. National Inauguration for School Heads’ and Teachers’ Holistic Assessment
 -  2. National Inauguration for School Heads’ and Teachers’ Holistic Advancement
 -  3. National Initiative for School Heads’ and Teachers’ Holistic Assessment
 -  4. National Initiative for School Heads’ and Teachers’ Holistic Advancement

Q.15 A famous hill station 'Ranikhet' is located on which mountain?

- Ans**
-  1. Western Ghats
 -  2. Himalaya
 -  3. Aravali
 -  4. Eastern Ghats

Q.16 Match the columns.

Column A (Plant Group)	Column B (Example)
i. Bryophyta	a. Rose
ii. Pteridophyta	b. Pine
iii. Gymnosperms	c. Mosses
iv. Angiosperms	d. Selaginella

- Ans**
-  1. i-d, ii-c, iii-b, iv-a
 -  2. i-c, ii-a, iii-b, iv-d
 -  3. i-c, ii-d, iii-b, iv-a
 -  4. i-c, ii-d, iii-a, iv-b

Q.17 Which type of tea in large amount is exported from India to importing countries?

- Ans**
-  1. Green tea
 -  2. Regular tea
 -  3. Herbal tea
 -  4. Black tea

Q.18 Which among the following data was used to compute the estimates in the national Multidimensional Poverty Index (MPI) Baseline Report?

- Ans**
-  1. Economic Survey data
 -  2. National Census data
 -  3. National Family Health Survey (NFHS-4)
 -  4. Annual Employment-Unemployment Survey data

Q.19 Vangpui Kut festival is organised for _____ days in Mizoram to celebrate the glory of Mizo culture and traditions.

- Ans**
- ☐ 1. 5
 - ☐ 2. 3
 - ☒ 3. 2
 - ☐ 4. 4

Q.20 Which Indian classical dance form has composition in Meitei language?

- Ans**
- ☐ 1. Sattriya
 - ☐ 2. Chhau
 - ☒ 3. Manipuri
 - ☐ 4. Bharatanatyam

Q.21 Who among the following musicians was a member of Navratnas of Akbar?

- Ans**
- ☒ 1. Tansen
 - ☐ 2. Naubat Khan
 - ☐ 3. Nizamuddin Auliya
 - ☐ 4. Amir Khusrau

Q.22 In which of the following years was India the host of Women's T20 World Cup Cricket?

- Ans**
- ☐ 1. 2014
 - ☒ 2. 2016
 - ☐ 3. 2010
 - ☐ 4. 2012

Q.23 Under which of the following Articles is Right to Equality mentioned?

- Ans**
- ☐ 1. Articles 10–12
 - ☒ 2. Articles 14-18
 - ☐ 3. Articles 1-4
 - ☐ 4. Articles 19–22

Q.24 In Union Budget 2023-24, an aspirational Blocks Programme covering how many blocks has been launched?

- Ans**
- ☐ 1. 300
 - ☐ 2. 450
 - ☐ 3. 250
 - ☒ 4. 500

Q.25 The All-India Kisan Sabha was founded in Lucknow in April _____ with Swami Sahjanand Saraswati as the president.

- Ans**
- ☐ 1. 1937
 - ☒ 2. 1936
 - ☐ 3. 1935
 - ☐ 4. 1934

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to fill in the blank.

The speaker requested the audience to pay _____.

- Ans**
- ☐ 1. ears
 - ☐ 2. activeness
 - ☒ 3. attention
 - ☐ 4. silence

Q.2 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. navigate
 - ☐ 2. tangible
 - ☒ 3. rhetericol
 - ☐ 4. lascivious

Q.3 Select the most appropriate ANTONYM of the highlighted word in the given sentence.
The negotiations were conducted in an amicable atmosphere, leading to a peaceful resolution.

- Ans**
- ☐ 1. Cordial
 - ☒ 2. Hostile
 - ☐ 3. Agreeable
 - ☐ 4. Serene

Q.4 Select the most appropriate meaning of the underlined word in the given sentence.
A conscious understanding of the environmental issues can bring positive changes in human life.

- Ans**
- ☐ 1. Beware
 - ☒ 2. Mindful
 - ☐ 3. Mechanical
 - ☐ 4. Reflex

Q.5 Select the most appropriate ANTONYM of the given word.

Harmony

- Ans**
- ☐ 1. Concord
 - ☐ 2. Accord
 - ☐ 3. Unity
 - ☒ 4. Discord

Q.6 Select the most appropriate option to fill in the blank.
She _____ to be understood by the society.

- Ans**
- ☐ 1. looked
 - ☐ 2. hunted
 - ☒ 3. sought
 - ☐ 4. chased

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
I have been / looking by my / cream sweater for / a few weeks now.

- Ans**
- ☐ 1. cream sweater for
 - ☒ 2. looking by my
 - ☐ 3. I have been
 - ☐ 4. a few weeks now

Q.8 Select the most appropriate form of comparative degree that can substitute the underlined segment in the given sentence.

Food prices in Switzerland are expensiver to the rest of Western Europe.

- Ans**
- ☐ 1. more expensive to
 - ☒ 2. more expensive than
 - ☐ 3. the most expensive than
 - ☐ 4. as expensiver to

Q.9 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Overfishing and destructive fishing practices threaten the sustainability of marine resources and ecosystems.

- Ans**
- ☐ 1. Reasonableness
 - ☒ 2. Indefensibility
 - ☐ 3. Equanimity
 - ☐ 4. Justifiability

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

How long / have you / been learn / English now?

- Ans**
- ☐ 1. English now
 - ☐ 2. have you
 - ☒ 3. been learn
 - ☐ 4. How long

Q.11 Select the most appropriate option to fill in the blank.
The council never _____ the new complex to be constructed, nor did local residents.

- Ans**
- ☒ 1. refreshed
 - ☒ 2. occurred
 - ☒ 3. wanted
 - ☒ 4. liked

Q.12 If someone mentions that 'the ball is in your court', what does this idiom imply?

- Ans**
- ☒ 1. It's a reference to tennis.
 - ☒ 2. It's your turn to make a decision or take action.
 - ☒ 3. It's time to play a sport.
 - ☒ 4. It's time for a break.

Q.13 Select the correct spelling of the underlined word in the given sentence.

The princepal of the college announced his early retirement today.

- Ans**
- ☒ 1. principal
 - ☒ 2. princeaple
 - ☒ 3. principel
 - ☒ 4. princepil

Q.14 Rectify the error in the given sentence by selecting the correct spelling from the options provided.

The chord of my voilin is not tuned properly.

- Ans**
- ☒ 1. voilen
 - ☒ 2. violin
 - ☒ 3. woilin
 - ☒ 4. wiolin

Q.15 Which of the following options is similar in meaning to the given word?

Pensive

- Ans**
- ☒ 1. Talkative
 - ☒ 2. Tired
 - ☒ 3. Thoughtful
 - ☒ 4. Troubled

Q.16 Select the most appropriate option that can substitute the underlined words in the given sentence.

By definition, making a pictogram is to present and visualise data.

- Ans**
- ☒ 1. The purpose of a pictogram
 - ☒ 2. To make a pictogram by definition
 - ☒ 3. Pictogram is making a definition
 - ☒ 4. In making a pictogram, the definition

Q.17 Select the most appropriate degree of comparison to fill in the blank.

Hunny is _____ person in his family.

- Ans**
- ☒ 1. tall
 - ☒ 2. more taller
 - ☒ 3. taller
 - ☒ 4. the tallest

Q.18 Select the correct option of the given sentence.

Vishnu is the more courageous than all other boys in the class.

- Ans**
- ☒ 1. Vishnu is more courageous than all other boys in the class.
 - ☒ 2. Vishnu is most courageous than all other boys in the class.
 - ☒ 3. Vishnu is much more courageous than all other boys in the class.
 - ☒ 4. Vishnu is the most courageous than all other boys in the class.

Q.19 Parts of the following sentence have been given as options. Select the option that contains an error.
It was an interesting chat with an European gymnast that changed my mindset towards the sport.

- Ans**
- ☒ 1. It was an interesting
 - ☒ 2. my mindset towards the sport
 - ☒ 3. chat with
 - ☒ 4. an European gymnast that changed

Q.20 Select the most appropriate meaning of the given idiom.
Rain cats and dogs

- Ans**
- ☒ 1. Doing something pointless
 - ☒ 2. Very rarely
 - ☒ 3. Do something unplanned
 - ☒ 4. Raining heavily

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The ship struck the iceberg (1) _____ its side while it was still moving forward. In a few (2)_____, six great holes were made in the steel. Water rushed in, not in one place, but in separate places covering the Titanic hundred feet. The steel doors were therefore (3)_____. Captain Smith soon understood that (4)_____ could save the ship. He ordered the wireless officer to send out the ship's position and the letters CQD, which is the call for help. It told the world that the Titanic was (5)_____.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. with
 - ☒ 2. above
 - ☒ 3. beyond
 - ☒ 4. under

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The ship struck the iceberg (1) _____ its side while it was still moving forward. In a few (2)_____, six great holes were made in the steel. Water rushed in, not in one place, but in separate places covering the Titanic hundred feet. The steel doors were therefore (3)_____. Captain Smith soon understood that (4)_____ could save the ship. He ordered the wireless officer to send out the ship's position and the letters CQD, which is the call for help. It told the world that the Titanic was (5)_____.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. weeks
 - ☒ 2. days
 - ☒ 3. years
 - ☒ 4. moments

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The ship struck the iceberg (1) _____ its side while it was still moving forward. In a few (2)_____, six great holes were made in the steel. Water rushed in, not in one place, but in separate places covering the Titanic hundred feet. The steel doors were therefore (3)_____. Captain Smith soon understood that (4)_____ could save the ship. He ordered the wireless officer to send out the ship's position and the letters CQD, which is the call for help. It told the world that the Titanic was (5)_____.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. complete
 - ☒ 2. useless
 - ☒ 3. painted
 - ☒ 4. burnt

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The ship struck the iceberg (1) _____ its side while it was still moving forward. In a few (2)_____, six great holes were made in the steel. Water rushed in, not in one place, but in separate places covering the Titanic hundred feet. The steel doors were therefore (3)_____. Captain Smith soon understood that (4)_____ could save the ship. He ordered the wireless officer to send out the ship's position and the letters CQD, which is the call for help. It told the world that the Titanic was (5)_____.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. nothing
 - ☐ 2. everything
 - ☐ 3. all
 - ☐ 4. enemies

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The ship struck the iceberg (1) _____ its side while it was still moving forward. In a few (2)_____, six great holes were made in the steel. Water rushed in, not in one place, but in separate places covering the Titanic hundred feet. The steel doors were therefore (3)_____. Captain Smith soon understood that (4)_____ could save the ship. He ordered the wireless officer to send out the ship's position and the letters CQD, which is the call for help. It told the world that the Titanic was (5)_____.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. reaching
 - ☐ 2. floating
 - ☒ 3. sinking
 - ☐ 4. victorious

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	28/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 A family of seven minors and some adults has an average wheat consumption of 11.10 kg. The average consumption for minors is 5.5 kg per person, and for adults, it is 16 kg per person. Find the number of adults in the family.

- Ans
- ☐ 1. 6
 - ☐ 2. 10
 - ☒ 3. 8
 - ☐ 4. 5

Q.2 Find the curved surface area of a cone (in cm^2) whose base diameter is 30 cm, and the height is 20 cm. ($\pi = 3.14$)

- Ans
- ☒ 1. 1177.5
 - ☐ 2. 942.1
 - ☐ 3. 1000.3
 - ☐ 4. 1200.5

Q.3 A shopkeeper first increased the price of an article by 8% and then by 5%. What is the total per cent increase?

- Ans
- ☒ 1. 13.4 %
 - ☐ 2. 12.4 %
 - ☐ 3. 11.4 %
 - ☐ 4. 10.4 %

Q.4 The area of a rhombus with diagonals of lengths 4 cm and 5 cm, respectively, is:

- Ans
- ☐ 1. 40 cm^2
 - ☐ 2. 4.5 cm^2
 - ☐ 3. 20 cm^2
 - ☒ 4. 10 cm^2

Q.5 What is the sum of two numbers which are in the ratio of 17 : 13 and given that the greatest number which can divide both of them is 31?

- Ans
- ☐ 1. 403
 - ☒ 2. 930
 - ☐ 3. 527
 - ☐ 4. 390

Q.6 The simple interest on a sum is $\frac{7}{13}$ of the principal for 21 years. What is the rate (in percentage) of interest per annum? (Rounded to two decimal places)

- Ans
- ☒ 1. 2.56
 - ☐ 2. 3.97
 - ☐ 3. 4.26
 - ☐ 4. 3.21

Q.7 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 6% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 560
 - ☐ 2. 540
 - ☐ 3. 640
 - ☒ 4. 600

Q.8 The average weight of 40 athletes and 5 trainers is 72 kg. When six more athletes of average weight 65 kg are included in the group, what is the average weight (in kg) of the group? (Rounded off to 2 decimal places)

- Ans**
- ☒ 1. 71.18
 - ☐ 2. 65.21
 - ☐ 3. 72.25
 - ☐ 4. 69.37

Q.9 If the ratio of the cost price to the selling price of an article is 3 : 5, then the profit percentage (correct to 2 decimal places) is:

- Ans**
- ☐ 1. 40.58%
 - ☐ 2. 33.33%
 - ☒ 3. 66.67%
 - ☐ 4. 69.55%

Q.10 A trader sells an item at 25% profit. Had he bought it at 15% more and sold it for ₹147 more, he would have earned a profit of 30%. Find the cost price of the item.

- Ans**
- ☐ 1. ₹450
 - ☐ 2. ₹650
 - ☒ 3. ₹600
 - ☐ 4. ₹525

Q.11 The diameter of a solid sphere is 3 cm. It is melted and drawn into a wire of diameter 8 mm. The length of the wire is:

- Ans**
- ☐ 1. $26\frac{3}{8}$ cm
 - ☐ 2. $25\frac{1}{4}$ cm
 - ☐ 3. $32\frac{1}{4}$ cm
 - ☒ 4. $28\frac{1}{8}$ cm

Q.12 The number of marbles in three bags is in the ratio of 2 : 3 : 4. If 12 marbles are added to each bag, then the ratio changed to 8 : 11 : 14. The total number of marbles in the beginning was:

- Ans**
- ☒ 1. 162
 - ☐ 2. 126
 - ☐ 3. 200
 - ☐ 4. 216

Q.13 Tannish travels from A to B at a speed of 20 km/h, from B to C at 15 km/h and from C to D at 30 km/h. If AB = BC = CD, then find Tannish's average speed for the whole journey.

- Ans**
- ☐ 1. 22 km/h
 - ☐ 2. 21 km/h
 - ☒ 3. 20 km/h
 - ☐ 4. 19 km/h

Q.14 A man riding his bike covers 960 m in 64 sec. What is his speed in km/hr?

- Ans**
- ☒ 1. 54
 - ☐ 2. 50
 - ☐ 3. 64
 - ☐ 4. 15

Q.15 A shopkeeper marks his good 12% above the cost price and allows a discount of 8.5% on the marked price. Find his profit or loss percentage.

- Ans**
- ☐ 1. Profit 4.65%
 - ☐ 2. Loss 4.65%
 - ☒ 3. Profit 2.48%
 - ☐ 4. Loss 2.48%

Q.16 Find the average of all odd numbers between 10 and 30.

- Ans**
- ☐ 1. 40
 - ☐ 2. 30
 - ☐ 3. 10
 - ☒ 4. 20

Q.17 The average of five numbers is 38. If one number is excluded, their average is 36. Find the excluded number.

- Ans**
- ☐ 1. 49
 - ☒ 2. 46
 - ☐ 3. 41
 - ☐ 4. 38

Q.18 The HCF of 1.75, 5.6 and 7 is:

- Ans**
- ☐ 1. 3.5
 - ☒ 2. 0.35
 - ☐ 3. 0.7
 - ☐ 4. 0.07

Q.19 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 6% per year rate of interest for 6 years.

- Ans**
- ☐ 1. 680
 - ☐ 2. 760
 - ☒ 3. 720
 - ☐ 4. 660

Q.20 By selling a TV set for ₹26,000, a seller earns 30% profit. If the production cost is increased by 10%, what should be the new selling price of a set so as to gain 15% profit?

- Ans**
- ☐ 1. ₹28,300
 - ☐ 2. ₹26,300
 - ☐ 3. ₹30,300
 - ☒ 4. ₹25,300

Section : Reasoning Ability and Problem Solving

Q.1 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
 $30 - 10 \div 63 \times 9 + 15 = ?$

- Ans**
- ☒ 1. 85
 - ☐ 2. 87
 - ☐ 3. 80
 - ☐ 4. 90

Q.2 11 is related to 45 following a certain logic. Following the same logic, 3 is related to 13. To which of the following is 6 related following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 25
 - ☐ 2. 28
 - ☐ 3. 23
 - ☐ 4. 26

Q.3 XGDP is related to ZJFS in a certain way based on the English alphabetical order. In the same way, FVIS is related to HYKV. To which of the following is UOQC related, following the same logic?

- Ans**
- ☐ 1. YSRH
 - ☒ 2. WRSF
 - ☐ 3. XRRH
 - ☐ 4. USTG

Q.4 What should come in place of the question mark (?) in the given series?

2, 8, 32, 128, ?, 2048

- Ans**
- ☒ 1. 512
 - ☐ 2. 620
 - ☐ 3. 2067
 - ☐ 4. 2013

Q.5 In a certain code language, 'ONLY' is coded as '2648' and 'NICE' is coded as '7534'. What is the code for 'N' in the given code language?

- Ans**
- ☐ 1. 2
 - ☐ 2. 6
 - ☒ 3. 4
 - ☐ 4. 7

Q.6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All grasses are herbs.
Some herbs are shrubs.

Conclusions:

(I) Some grasses are shrubs.
(II) All shrubs are herbs.

- Ans**
- ☒ 1. Neither conclusion I nor II follows
 - ☐ 2. Only conclusion I follows
 - ☐ 3. Only conclusion II follows
 - ☐ 4. Both conclusions I and II follow

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- Some glasses are cups.
- All cups are plates.

Conclusions:

(I) At least some plates are glasses.
(II) All cups are glasses.

- Ans**
- ☐ 1. Only conclusion (II) follows
 - ☒ 2. Only conclusion (I) follows
 - ☐ 3. Both conclusions (I) and (II) follow
 - ☐ 4. Neither conclusion (I) nor (II) follows

Q.8 What should come in place of the question mark (?) in the given series?

226 231 236 241 246 ?

- Ans**
- ☒ 1. 251
 - ☐ 2. 254
 - ☐ 3. 252
 - ☐ 4. 253

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(105, 35, 15)
(126, 42, 18)

- Ans**
- ☐ 1. (60, 20, 10)
 - ☒ 2. (63, 21, 9)
 - ☐ 3. (77, 22, 11)
 - ☐ 4. (90, 30, 12)

Q.10 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(11, 19, 8)
(14, 29, 15)

- Ans**
- ☐ 1. (22, 25, 9)
 - ☐ 2. (18, 21, 7)
 - ☒ 3. (16, 28, 12)
 - ☐ 4. (7, 35, 23)

Q.11 LRPN is related to SYWU in a certain way based on the English alphabetical order. In the same way, IOMK is related to PVTR. To which of the following is GMKI related, following the same logic?

- Ans**
- ☐ 1. TNPR
 - ☒ 2. NTRP
 - ☐ 3. TNRP
 - ☐ 4. NTPR

Q.12 In a certain code language, 'paint the wall' is written as 'jh dw qp' and 'wall of honour' is written as 'fh ut dw'. How is 'wall' written in the given language?

- Ans**
- ☐ 1. ut
 - ☒ 2. dw
 - ☐ 3. jh
 - ☐ 4. qp

Q.13 In a certain code language, 'GOLF' is coded as '6428' and 'OPEN' is coded as '7653'. What is the code for 'O' in the given code language?

- Ans**
- ☒ 1. 6
 - ☐ 2. 5
 - ☐ 3. 4
 - ☐ 4. 7

Q.14 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

WSF, BUK ,GWP ,LYU, ?

- Ans**
- ☐ 1. RBZ
 - ☐ 2. RZY
 - ☒ 3. QAZ
 - ☐ 4. PAY

Q.15 Seven people R, S, T, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). Only two people are sitting between S and G when counted from the right of S. Only two people are sitting between E and T when counted from the left of E. R is sitting second to the right of G. T is not an immediate neighbour of R. D is not an immediate neighbour of G. Who is sitting to the immediate left and to the immediate right of F, respectively?

- Ans**
- ☒ 1. G and S
 - ☒ 2. T and G
 - ☒ 3. G and T
 - ☒ 4. T and S

Q.16 A, B, C, D, E, F and G are sitting around a circular table facing away from the centre (but not necessarily in the same order). Only 3 people are sitting between A and D when counted from the right of A. B is sitting 2nd to the left of D. F is sitting immediate to the right of C. E is not an immediate neighbour of D. What is the position of F with respect to G?

- Ans**
- ☒ 1. 3rd to the right
 - ☒ 2. 2nd to the right
 - ☒ 3. 3rd to the left
 - ☒ 4. 2nd to the left

Q.17 In a certain code language, 'i know you' is written as 'mo rc tp' and 'do they know' is written as 'hk mo be'. How is 'know' written in the given code language?

- Ans**
- ☒ 1. rc
 - ☒ 2. mo
 - ☒ 3. be
 - ☒ 4. tp

Q.18 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All cups are plates.

Some plates are glasses.

Conclusions:

(I) Some cups are not glasses.

(II) Some glasses are not plates.

- Ans**
- ☒ 1. Both conclusions I and II follow.
 - ☒ 2. Only conclusion I follows.
 - ☒ 3. Only conclusion II follows.
 - ☒ 4. Neither conclusion I nor II follows.

Q.19 Which of the following interchanges of signs would make the given equation correct?
 $57 - 19 \times 18 + 9 \div 45 = 18$

- Ans**
- ☒ 1. $\div$ and $-$
 - ☒ 2. $+$ and $\times$
 - ☒ 3. $+$ and $\div$
 - ☒ 4. $\div$ and $\times$

Q.20 TCKS is related to WFNV in a certain way based on the English alphabetical order. In the same way, YHPX is related to BKSA. To which of the following is HPXG related, following the same logic?

- Ans**
- ☒ 1. KSJA
 - ☒ 2. SKKA
 - ☒ 3. KSJL
 - ☒ 4. KSAJ

Q.1	According to National Multidimensional Poverty Index 2023 (A Progress Review), what was the proportion of population in multidimensional poverty (Headcount Ratio) in rural India in 2019-2021?
Ans	 1. 19.28%  2. 12.32%  3. 14.96%  4. 24.12%
Q.2	Which red and buff sandstone is the tallest tower in India built in the thirteenth century?
Ans	 1. Jhulta Minar  2. Qutub Minar  3. Shaheed Minar  4. Chand Minar
Q.3	Who was sworn in as the Governor of Chhattisgarh in February 2023?
Ans	 1. Ramesh Bais  2. Anusuiya Uikey  3. Satyadev Narayan Arya  4. Biswabhusan Harichandan
Q.4	In which of the following years did India NOT win an Olympic gold medal in hockey?
Ans	 1. 1960  2. 1952  3. 1956  4. 1948
Q.5	Which of the following is NOT a function of mesosomes?
Ans	 1. Increase the surface area of the plasma membrane and enzymatic content  2. Locomotion  3. DNA replication and distribution to daughter cells  4. Respiration
Q.6	In which year was the microfinance movement formally launched in India on a pilot basis?
Ans	 1. 2000  2. 1980  3. 2010  4. 1992
Q.7	Which of the following states is characterised by salt marshes known as 'Rann'?
Ans	 1. Maharashtra  2. Punjab  3. Jharkhand  4. Gujarat
Q.8	According to Census 2011 of India, which metropolitan city has the highest population?
Ans	 1. Mumbai  2. Chennai  3. Kolkata  4. Delhi
Q.9	The people of Himachal Pradesh make channels to bring water from a glacier or rainwater to villages for the function of mainly irrigation. These channels are locally known as:
Ans	 1. Johads  2. Guls or Kuls  3. Baori  4. Khadins

Q.10 Which part of a flower develops into a seed?

- Ans**
- ☒ 1. Ovule
 - ☐ 2. Pistil
 - ☐ 3. Petal
 - ☐ 4. Stamen

Q.11 Which of the following is NOT a hydroelectric power plant?

- Ans**
- ☒ 1. Sambhar Lake Hydel Project
 - ☐ 2. Kopili Hydel Project
 - ☐ 3. Bhakra Nangal Hydel Project
 - ☐ 4. Damodar Valley Hydel Project

Q.12 An Ummathat folk dancer from Karnataka _____ had been honoured with Padma Shri in 2023.

- Ans**
- ☐ 1. Rani Karnaa Nayak
 - ☐ 2. Sharan Rani Backliwal
 - ☒ 3. Rani Machaiah
 - ☐ 4. Devika Rani

Q.13 Which of the following novels is based on Malgudi, a fictional town in south India?

- Ans**
- ☒ 1. The Guide
 - ☐ 2. My Days
 - ☐ 3. Sacred Games
 - ☐ 4. A Suitable Boy

Q.14 Who among the following wrote a book called 'Indica' based on his travels and experiences in Mauryan India?

- Ans**
- ☐ 1. Pliny
 - ☒ 2. Megasthenes
 - ☐ 3. Diodorus
 - ☐ 4. Strabo

Q.15 In which of the following states is the Jawara dance performed on the occasion of a successful harvest?

- Ans**
- ☐ 1. Punjab
 - ☐ 2. Haryana
 - ☐ 3. Gujarat
 - ☒ 4. Madhya Pradesh

Q.16 Who among the following was a leader of Garam Dal, a group of radical nationalists?

- Ans**
- ☐ 1. Surendranath Banerjee
 - ☐ 2. Dadabhai Naoroji
 - ☐ 3. Gopal Krishna Gokhale
 - ☒ 4. Bipin Chandra Pal

Q.17 In December 2023, which eminent agricultural economist from Kerala was conferred the distinguished title of ISAE Fellow 2023 by the Indian Society of Agricultural Economics (ISAE)?

- Ans**
- ☐ 1. Sulochana Gadgil
 - ☐ 2. Suman Sahai
 - ☒ 3. Dr. P Indira Devi
 - ☐ 4. Chanda Nimbkar

Q.18 Who among the following was the founder of 'Bhoodan Yajna' in India?

- Ans**
- ☐ 1. Mahatma Gandhi
 - ☐ 2. Vallabhbhai Patel
 - ☐ 3. Subhas Chandra Bose
 - ☒ 4. Vinoba Bhave

Q.19	In which sport is the term 'Dolphin Kick' commonly used?
Ans	 1. Swimming  2. Long Jump  3. Javelin Throw  4. High Jump
Q.20	Which Article of the Indian Constitution states the following? 'Directive Principles of State Policy are fundamental in the governance of the country and it shall be the duty of the state to apply these principles in making laws.'
Ans	 1. Article 40  2. Article 35  3. Article 30  4. Article 37
Q.21	Which of the following Khayal artists is the founding father of Lalit Kala Kendra of the University of Pune?
Ans	 1. Bhimsen Joshi  2. Kishan Maharaj  3. Shiv Kumar Sharma  4. Ravi Shankar
Q.22	Who among the following presides over the meeting of the Council of Ministers in a state?
Ans	 1. Chairman of the Legislative Council  2. Chief Minister of the state  3. Speaker of the Legislative Assembly  4. Chief Secretary of the state
Q.23	Madhavpur Fair in Gujarat is a _____ day long event to celebrate Lord Krishna's marriage with Rukmani.
Ans	 1. five  2. two  3. four  4. three
Q.24	Who among the following founded a suburban township near Vijayanagara, called Nagalapuram, after his mother?
Ans	 1. Sadasiva Raya  2. Rama Raya  3. Achyuta Deva Raya  4. Krishna Deva Raya
Q.25	Which of the following is an alarming effect of thermal pollution in water bodies?
Ans	 1. The amount of dissolved oxygen decreased significantly  2. Changes in turbidity  3. Increasing amount of carbon dioxide  4. The random changes in pH values

Section : **English Language and Comprehension**

Q.1	Select the option that correctly rectifies the underlined spelling error in the given sentence.
	The reorganisation of daily life wrought by industrialisation had effects that weakened the material basis for the <u>instietutions</u> of the family and the community.
Ans	 1. instetutions  2. institutions  3. instetusion  4. instetutions

Q.2 Select the most appropriate adjective to fill in the blank.

She always wears dresses of _____ fashion.

- Ans**
- ☒ 1. the latter
 - ☒ 2. the latest
 - ☒ 3. late
 - ☒ 4. latest

Q.3 Select the most appropriate option to fill in the blank.

The discussion led by the scientist was very _____.

- Ans**
- ☒ 1. more informative
 - ☒ 2. most informative
 - ☒ 3. information
 - ☒ 4. informative

Q.4 Select the most appropriate meaning of the given idiom.

Crocodile tears

- Ans**
- ☒ 1. To please everyone
 - ☒ 2. An insincere display of grief
 - ☒ 3. To not behave in a fair way
 - ☒ 4. An irrevocable step

Q.5 Select the most appropriate option to complete the given sentence in the present perfect continuous tense.

The company _____ working towards achievements in curbing slackness and fostering development.

- Ans**
- ☒ 1. is being
 - ☒ 2. has been
 - ☒ 3. have been
 - ☒ 4. are being

Q.6 Select the most appropriate ANTONYM of the underlined word in the given sentence.

A few students have condemned the latest project of preparing teaching aids as a waste of money.

- Ans**
- ☒ 1. Applauded
 - ☒ 2. Consolidated
 - ☒ 3. Doomed
 - ☒ 4. Contradicted

Q.7 Select the most appropriate synonym of the word 'Ceased' to fill in the blank.

He was _____ from his job because of his misconduct.

- Ans**
- ☒ 1. terminated
 - ☒ 2. commenced
 - ☒ 3. progressed
 - ☒ 4. continued

Q.8 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.

Ahuja is a cleverest lawyer.

- Ans**
- ☒ 1. more clever
 - ☒ 2. most clever
 - ☒ 3. cleverer
 - ☒ 4. clever

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Wolves' teeth are larger and strong than dog's teeth.

- Ans**
- ☒ 1. stronger
 - ☐ 2. more strong
 - ☐ 3. strongest
 - ☐ 4. the stronger

Q.10 Select the most appropriate synonym of the word 'Native' from the given sentence.

Mr. Smith believes that various tribes are the indigenous habitants of various corners of the world; unlike his contemporaries who have a viewpoint regarding an alien or foreign invasion.

- Ans**
- ☐ 1. Foreign
 - ☐ 2. Alien
 - ☐ 3. Invasion
 - ☒ 4. Indigenous

Q.11 One of the four words in bold in the given sentence is incorrectly spelt. Select the INCORRECTLY spelt word.

The detectives uncovered a conspirasy to overthrow the government.

- Ans**
- ☐ 1. overthrow
 - ☒ 2. conspirasy
 - ☐ 3. detectives
 - ☐ 4. uncovered

Q.12 Select the most appropriate option to fill in the blank.

The sharpshooter _____ dead a man-eating tiger after it allegedly killed nine people in the last few days.

- Ans**
- ☐ 1. threw
 - ☐ 2. fixed
 - ☐ 3. killed
 - ☒ 4. shot

Q.13 Select the most appropriate option that can substitute the highlighted word(s) in the given sentence.

The sceneries in Darjeeling are breathtaking.

- Ans**
- ☐ 1. sceneries in Darjeeling is
 - ☐ 2. scenery in Darjeeling were
 - ☐ 3. sceneries in Darjeeling had been
 - ☒ 4. scenery in Darjeeling is

Q.14 Select the most appropriate option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution required'.

Manisha had a great feeling for those who were junior than her.

- Ans**
- ☐ 1. junior from
 - ☐ 2. No substitution required
 - ☒ 3. junior to
 - ☐ 4. junior of

Q.15 The following sentence has been split into segments. Identify the segment that contains a grammatical error. If you don't find any error, mark 'No error' as your answer.

He missed the college bus / because he woke up / unpardonably lately in the morning.

- Ans**
- ☐ 1. because he woke up
 - ☐ 2. he missed the college bus
 - ☐ 3. no error
 - ☒ 4. unpardonably lately in the morning

Q.16 Select the correct spelling of the underlined word in the given sentence.

The magician performed a magnificant trick.

- Ans**
- ☐ 1. magnificante
 - ☐ 2. magneficent
 - ☐ 3. magnificient
 - ☒ 4. magnificent

Q.17 Select the most appropriate ANTONYM of the given word.

Curse

- Ans**
- ☐ 1. Comment
 - ☐ 2. Abuse
 - ☐ 3. Criticise
 - ☒ 4. Praise

Q.18 Select the most appropriate meaning of the given idiom.

A blue-eyed boy

- Ans**
- ☐ 1. an unwelcome intruder
 - ☐ 2. an unperceived observer
 - ☐ 3. a miser
 - ☒ 4. one who is favourite

Q.19 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in the blanks.

Michael Jackson is known as the King of Pop. He _____ his own genre of music, Pop. His music is spreading its influence and popularity _____ the world.

- Ans**
- ☐ 1. presides; round
 - ☐ 2. command; besides
 - ☐ 3. controls; beside
 - ☒ 4. dominates; around

Q.20 Select the most appropriate synonym of the given word.

Anticipate

- Ans**
- ☐ 1. Conceal
 - ☒ 2. Predict
 - ☐ 3. Accuse
 - ☐ 4. doubt

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Worldwide illiteracy rates have (1)_____ declined in the last few decades. One of the major reasons for this decline is the sharp increase in literacy rates (2)_____ young women, which is a result of specific (3)_____ designed to increase educational opportunities for girls. (4)_____, there are still an estimated 771 million illiterate adults in the world, about two-thirds of whom are (5)_____.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☐ 1. consequently
 - ☐ 2. thirdly
 - ☒ 3. consistently
 - ☐ 4. wearily

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Worldwide illiteracy rates have (1)_____ declined in the last few decades. One of the major reasons for this decline is the sharp increase in literacy rates (2)_____ young women, which is a result of specific (3)_____ designed to increase educational opportunities for girls. (4)_____, there are still an estimated 771 million illiterate adults in the world, about two-thirds of whom are (5)_____.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. over
 - ☒ 2. among
 - ☒ 3. between
 - ☒ 4. against

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Worldwide illiteracy rates have (1)_____ declined in the last few decades. One of the major reasons for this decline is the sharp increase in literacy rates (2)_____ young women, which is a result of specific (3)_____ designed to increase educational opportunities for girls. (4)_____, there are still an estimated 771 million illiterate adults in the world, about two-thirds of whom are (5)_____.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. camisole
 - ☒ 2. companions
 - ☒ 3. champions
 - ☒ 4. campaigns

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Worldwide illiteracy rates have (1)_____ declined in the last few decades. One of the major reasons for this decline is the sharp increase in literacy rates (2)_____ young women, which is a result of specific (3)_____ designed to increase educational opportunities for girls. (4)_____, there are still an estimated 771 million illiterate adults in the world, about two-thirds of whom are (5)_____.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. Thus
 - ☒ 2. However
 - ☒ 3. Whenever
 - ☒ 4. Otherwise

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Worldwide illiteracy rates have (1)_____ declined in the last few decades. One of the major reasons for this decline is the sharp increase in literacy rates (2)_____ young women, which is a result of specific (3)_____ designed to increase educational opportunities for girls. (4)_____, there are still an estimated 771 million illiterate adults in the world, about two-thirds of whom are (5)_____.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☒ 1. women
 - ☒ 2. man
 - ☒ 3. woman
 - ☒ 4. child

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	28/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Simplify $\frac{\frac{3}{8} \times \frac{7}{57} \text{ of } \frac{19}{3} \div \frac{1}{9}}{\frac{5}{8} \times \frac{7}{51} \text{ of } \frac{17}{5} \div \frac{7}{5}}$.

Ans

☐ 1. $13\frac{2}{5}$

☒ 2. $12\frac{3}{5}$

☐ 3. $11\frac{2}{5}$

☐ 4. $9\frac{3}{5}$

Q.2 What is the height of a solid cylinder whose radius is 7 cm and the total surface area is 704 cm^2 ? (Use $\pi = \frac{22}{7}$.)

Ans

☐ 1. 12 cm

☐ 2. 8 cm

☒ 3. 9 cm

☐ 4. 7 cm

Q.3 Find the ratio in which tomatoes worth ₹45/kg can be mixed with tomatoes worth ₹60/kg, so that the mixture will be worth ₹54/kg.

Ans

☒ 1. 2 : 3

☐ 2. 2 : 5

☐ 3. 3 : 5

☐ 4. 3 : 7

Q.4 A shopkeeper sells an item at a profit of 25% and dishonestly uses a weight that is 30% less than the actual weight. Find his total profit percentage.

Ans

☐ 1. 65.75%

☐ 2. 23%

☒ 3. 78.57%

☐ 4. 42%

Q.5 Arun has taken some money as loan on simple interest for 6 years. The money lender levied interest at 4% per annum for the first 2 years, at 8% per annum for the next 3 years and at 12% per annum for the period beyond 5 years. If Arun clears his loan by paying ₹5,472, then what was the sum (in ₹) he had taken as loan?

Ans

☒ 1. 3,800

☐ 2. 3,040

☐ 3. 12,436

☐ 4. 6,840

Q.6 Simplify the following expression.
 $(5 \times 5 + 5 - 5 \times 5 + 5 - 5 \times 5) + (5 \times 5) \div 5 (2 + 3)$

- Ans
- ☐ 1. 25
 - ☐ 2. 5
 - ☒ 3. 10
 - ☐ 4. 20

Q.7 A 735 m long train passes through a 225 m long tunnel in 48 sec. Find the speed of the train.

- Ans
- ☒ 1. 72 km/h
 - ☐ 2. 82 km/h
 - ☐ 3. 66 km/h
 - ☐ 4. 54 km/h

Q.8 A hemispherical solid of radius 21 cm is melted and made into a cylinder whose height is 14 cm. The volume of the cylinder is given by $(a \times b^a \times c^b)\pi$ where a, b and c are prime. Then the value of $(a+b)c$ is:

- Ans
- ☐ 1. 42
 - ☐ 2. 54
 - ☐ 3. 66
 - ☒ 4. 35

Q.9 A car covers the first 12 km distance at a speed of 30 km per hour, the next 15 km distance at a speed of 45 km/h and the next 20 km distance at a speed of 60 km/h. Find the average speed of the car.

- Ans
- ☐ 1. $33\frac{1}{17}$ km/h
 - ☐ 2. $39\frac{2}{19}$ km/h
 - ☐ 3. $47\frac{3}{26}$ km/h
 - ☒ 4. $44\frac{1}{16}$ km/h

Q.10 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 71 kg and 37 kg is:

- Ans
- ☒ 1. 50.6
 - ☐ 2. 52.6
 - ☐ 3. 49.6
 - ☐ 4. 51.6

Q.11 A man sold an article for ₹238, there by gaining 19%. The cost of the article (in ₹) was:

- Ans
- ☐ 1. 294
 - ☐ 2. 283
 - ☒ 3. 200
 - ☐ 4. 193

Q.12 A shopkeeper offers 38% discount on a certain item. He announces an additional 15% discount to a customer for paying cash. A customer paid a cash amount of ₹2,108 for that item. What is the marked price (in ₹) of the item?

- Ans
- ☒ 1. 4,000
 - ☐ 2. 3,800
 - ☐ 3. 3,560
 - ☐ 4. 4,200

Q.13 The ratio of the I class and II class AC train coach fares between two stations is 5 : 3, and that of the number of passengers travelling between the two stations by I class and II classes AC coach is 3 : 10. If on a particular day ₹37,080 is collected from passengers travelling between the two stations, then find the amount collected from second class AC coach passengers.

- Ans**
- ☒ 1. ₹24,720
 - ☐ 2. ₹20,247
 - ☐ 3. ₹27,420
 - ☐ 4. ₹22,047

Q.14 In what ratio must a shopkeeper mix sugar at ₹30/kg and ₹32.5/kg so that by selling the mixture at ₹34.1/kg, he may get 10% profit?

- Ans**
- ☐ 1. 2 : 1
 - ☐ 2. 4 : 3
 - ☒ 3. 3 : 2
 - ☐ 4. 5 : 4

Q.15 A batsman scores 152 runs in his 15th inning, which increases his average score by 5 runs. Find the average score per inning of the batsman after the 15th innings.

- Ans**
- ☐ 1. 77
 - ☒ 2. 82
 - ☐ 3. 41
 - ☐ 4. 85

Q.16 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 8% per year rate of interest for 4 years.

- Ans**
- ☒ 1. 960
 - ☐ 2. 1000
 - ☐ 3. 900
 - ☐ 4. 920

Q.17 A shopkeeper sold the Refrigerator and the Geyser set together for ₹30,400, thereby making a profit of 25% on the Refrigerator and 10% on the Geyser. By selling them together for ₹30,700, he would have made a 10% profit on the Refrigerator and 25% on the Geyser. Now, if the Geyser is sold at 17% profit, then the selling price (in ₹) of the Geyser is:

- Ans**
- ☐ 1. 14,380
 - ☐ 2. 12,130
 - ☐ 3. 17,510
 - ☒ 4. 16,380

Q.18 A well with an internal diameter of 8 m is dug to a depth of 12 m. The earth taken out of it is spread all around the well to a width of 8 m to form an embankment. What is the height (in m) of the embankment?

- Ans**
- ☐ 1. 1.0
 - ☒ 2. 1.5
 - ☐ 3. 1.3
 - ☐ 4. 2.2

Q.19 What sum (in ₹) will earn a simple interest of ₹360 in 2 years at 4% per year rate of interest?

- Ans**
- ☒ 1. 4500
 - ☐ 2. 9000
 - ☐ 3. 2250
 - ☐ 4. 6000

Q.20 If 30% of P = 0.6 of Q = $\frac{1}{3}$ of R, then P : Q : R is:

- Ans**
- ☐ 1. 5 : 10 : 7
 - ☒ 2. 10 : 5 : 9
 - ☐ 3. 5 : 10 : 9
 - ☐ 4. 10 : 5 : 7

Q.1 GI23 is related to SU31 in a certain way. In the same way, MO56 is related to YA64. To which of the following is SU78 related, following the same logic?

- Ans**
- ☐ 1. EG68
 - ☐ 2. GE68
 - ☒ 3. EG86
 - ☐ 4. GE66

Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

No bat is a wicket.

No wicket is a glove.

Conclusions:

(I) No bat is a glove.

(II) No wicket is a bat.

- Ans**
- ☐ 1. Both conclusions I and II follow.
 - ☒ 2. Only conclusion II follows.
 - ☐ 3. Only conclusion I follows.
 - ☐ 4. Neither conclusion I nor II follows.

Q.3 In a certain code language, 'car struck in traffic' is written as 'ku cu ru nu' and 'truck struck on road' is written as 'pu du ku tu'. How is 'struck' written in the given language?

- Ans**
- ☐ 1. du
 - ☐ 2. pu
 - ☒ 3. ku
 - ☐ 4. tu

Q.4 What should come in place of the question mark (?) in the given series?

629, 570, 511, 452, ?, 334

- Ans**
- ☐ 1. 397
 - ☐ 2. 373
 - ☒ 3. 393
 - ☐ 4. 383

Q.5 In a certain code language, 'PORK' is written as '7358' and 'CREW' is written as '1693'. How is 'R' written in that code language?

- Ans**
- ☐ 1. 5
 - ☐ 2. 6
 - ☒ 3. 3
 - ☐ 4. 9

Q.6 P, Q, R, S, T and U are sitting around a round table facing the centre (but not necessarily in the same order). P is sitting to the immediate right of U and immediate left of S. S is sitting to the immediate left of T. Q is sitting to the immediate right of T and immediate left of R. Who is sitting to the immediate right of R?

- Ans**
- ☐ 1. T
 - ☐ 2. P
 - ☐ 3. S
 - ☒ 4. U

Q.7 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(70, 55, 115)
(30, 87, 107)

- Ans**
- ☒ 1. (48, 20, 40)
 - ☒ 2. (6, 18, 71)
 - ☒ 3. (23, 33, 6)
 - ☒ 4. (37, 88, 115)

Q.8 What should come in place of the question mark (?) in the following series based on the English alphabetical order?
RSP ,TQN ,VOL, XMJ, ?

- Ans**
- ☒ 1. YLH
 - ☒ 2. YKH
 - ☒ 3. ZKH
 - ☒ 4. AKH

Q.9 QBON is related to UFSR in a certain way based on the English alphabetical order. In the same way, FCLT is related to JGPX. To which of the following is AOGS related, following the same logic?

- Ans**
- ☒ 1. CQIU
 - ☒ 2. ERJV
 - ☒ 3. ESKW
 - ☒ 4. BQJW

Q.10 U, V, W, X, Y, K and A are sitting around a circular table facing the centre (but not necessarily in the same order) . Only two people live between W and X when counted from the left of X.U sits third to the left of K.V sits to the immediate right of K.V sits second to the left of W.Y is not an immediate neighbour of U. Who sits third to the right of A?

- Ans**
- ☒ 1. K
 - ☒ 2. W
 - ☒ 3. V
 - ☒ 4. U

Q.11 In a certain code language, 'WOLF' is coded as '4729' and 'FLEW' is coded as '9254'. What is the code for 'E' in that language?

- Ans**
- ☒ 1. 2
 - ☒ 2. 4
 - ☒ 3. 5
 - ☒ 4. 9

Q.12 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(2, 70, 82)
(26, 17, 53)

- Ans**
- ☒ 1. (36, 42, 90)
 - ☒ 2. (54, 88, 152)
 - ☒ 3. (71, 78, 122)
 - ☒ 4. (79, 12, 141)

Q.13 Which two signs should be interchanged to make the given equation correct?
 $60 \times 10 + 12 \div 4 - 16 = 74$

- Ans**
- ☒ 1. + and $\times$
 - ☐ 2. - and +
 - ☐ 3. - and $\times$
 - ☐ 4. $\div$ and $\times$

Q.14 In this question, two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusion(s) logically follows/follow from the statements.

Statements: Some teams are groups. All groups are communities.

Conclusions:

I. No team is a community.

II. Some teams are communities.

- Ans**
- ☐ 1. Either Conclusions I or II follow.
 - ☒ 2. Only Conclusion II follows.
 - ☐ 3. Only Conclusion I follows.
 - ☐ 4. Neither Conclusion I nor II follow.

Q.15 Which numbers should come in place of the question marks (?) in the same sequence to make the series logically complete?

19 ,33, 21, 30 ,23 ,27, ?, 24 ,?

- Ans**
- ☐ 1. 28, 25
 - ☐ 2. 23, 25
 - ☐ 3. 25, 26
 - ☒ 4. 25, 27

Q.16 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some watches are belts.

Some belts are ties.

Conclusions:

(I) Some watches are ties.

(II) Some belts are watches.

- Ans**
- ☐ 1. Both conclusion I and II follow
 - ☒ 2. Only conclusion II follows
 - ☐ 3. Neither conclusion I nor II follows
 - ☐ 4. Only conclusion I follows

Q.17 5 is related to 120 following a certain logic. Following the same logic, 3 is related to 24. To which of the following is 2 related following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☐ 1. 13
 - ☐ 2. 11
 - ☐ 3. 7
 - ☒ 4. 6

Q.18 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and ' $\times$ ' and ' $\div$ ' are interchanged?

$84 - 112 \times 8 + 15 \div 3 = ?$

- Ans**
- ☐ 1. 45
 - ☐ 2. 63
 - ☒ 3. 53
 - ☐ 4. 57

Q.19 In a certain code language, 'YOUR' is coded as '1245' and 'OURS' is coded as '4216'. What is the code for 'Y' in that language?

- Ans**
-  1. 1
 -  2. 6
 -  3. 5
 -  4. 4

Q.20 IELH is related to KGNJ in a certain way based on the English alphabetical order. In the same way, MIPL is related to OKRN. To which of the following is QMTP related, following the same logic?

- Ans**
-  1. OSRV
 -  2. OSVR
 -  3. SORV
 -  4. SOVR

Section : **General Awareness**

Q.1 In February 2023, UNICEF India announced the appointment of which celebrated Bollywood star as a National Ambassador for Child Rights?

- Ans**
-  1. Aamir Khan
 -  2. Ayushmann Khurrana
 -  3. Pankaj Kapoor
 -  4. Pankaj Tripathi

Q.2 What is the primary function of the notochord in chordates?

- Ans**
-  1. Support
 -  2. Digestion
 -  3. Locomotion
 -  4. Respiration

Q.3 In which state is the 'slash and burn' agriculture known as 'Dahiya'?

- Ans**
-  1. Andhra Pradesh
 -  2. Arunachal Pradesh
 -  3. Madhya Pradesh
 -  4. Himachal Pradesh

Q.4 Who built Sudarshan lake in Junagarh?

- Ans**
-  1. Skandgupta
 -  2. Pushyagupta
 -  3. Bhanugupta
 -  4. Chandra Gupta

Q.5 What is the rank of India in the Global Hunger Index (GHI) 2023?

- Ans**
-  1. 115
 -  2. 120
 -  3. 111
 -  4. 105

Q.6 Select the imbalanced chemical equation from the following.

- Ans**
-  1. $6 \text{ HClO}_4 + \text{P}_4\text{O}_{10} \rightarrow 4 \text{ H}_3\text{PO}_4 + 6 \text{ Cl}_2\text{O}_7$
 -  2. $3 \text{ Hg}(\text{OH})_2 + 2 \text{ H}_3\text{PO}_4 \rightarrow \text{Hg}_3(\text{PO}_4)_2 + 6 \text{ H}_2\text{O}$
 -  3. $10 \text{ KClO}_3 + 3 \text{ P}_4 \rightarrow 3 \text{ P}_4\text{O}_{10} + 10 \text{ KCl}$
 -  4. $3 \text{ CaCl}_2 + 2 \text{ Na}_3\text{PO}_4 \rightarrow \text{Ca}_3(\text{PO}_4)_2 + 6 \text{ NaCl}$

Q.7	The Patli Dun is associated with which physiographic division of India?
Ans	✗ 1. The Coastal Plains ✗ 2. The Indian Desert ✓ 3. The Himalayan Mountains ✗ 4. The Peninsular Plateau
Q.8	Which of following organisations sought to revive Vedic learning and combine it with modern education in the sciences?
Ans	✗ 1. Satyashodhak Samaj ✓ 2. Arya Samaj ✗ 3. Prarthana Samaj ✗ 4. Brahmo Samaj
Q.9	Which of the following personalities had the key role in fighting against the British East India Company in the Battle of Porto Novo?
Ans	✗ 1. Gopala Nayaker ✓ 2. Hyder Ali ✗ 3. Maharaja Ranjit Singh ✗ 4. Alamgir-II
Q.10	Which of the following does NOT figure among the themes of 'Azadi Ka Amrit Mahotsav'?
Ans	✗ 1. Actions@75 ✗ 2. Resolve@75 ✓ 3. Health@75 ✗ 4. Ideas@75
Q.11	Who among the following was appointed as the director-general in the Directorate General of Civil Aviation in February 2023?
Ans	✗ 1. Ajay Kumar Bhalla ✗ 2. Rajiv Gauba ✓ 3. Vikram Dev Dutt ✗ 4. Pramod Kumar Mishra
Q.12	The construction of Humayun's tomb was completed by:
Ans	✗ 1. Rahmat Banu Begum ✗ 2. Mah Chuchak Begum ✗ 3. Zeenat Mahal ✓ 4. Biga Begum
Q.13	Manipuri Raas Leela, a renowned form of classical dance, was created by:
Ans	✗ 1. Siddhendra Yogi ✗ 2. Sage Bharata ✓ 3. Maharaja Bhagyachandra ✗ 4. Birju Maharaj
Q.14	Which of the following is the principal strategy adopted by National Literacy Mission for the eradication of illiteracy?
Ans	✗ 1. Education Guarantee Scheme ✓ 2. Total Literacy Campaign ✗ 3. Sarva Shiksha Abhiyan ✗ 4. Alternative and Innovative Education
Q.15	Which Article of the Indian Constitution deals with the appointment and duties of the Attorney-General of India?
Ans	✗ 1. Article 81 ✗ 2. Article 80 ✗ 3. Article 74 ✓ 4. Article 76

Q.16 Which of the following dance categories is NOT considered for an award of the Sangeet Natak Akademi?

- Ans**
- ☐ 1. Manipuri
 - ☐ 2. Kuchipudi
 - ☐ 3. Kathak
 - ☒ 4. Vilasini Natyam

Q.17 Which of the following statements about phylum Arthropoda are correct?

- A. Animals of Arthropoda have joint appendages.
- B. They have compounds eyes.
- C. These make up the majority of all animals on earth.
- D. The mode of reproduction in all Arthropods is vegetative.

- Ans**
- ☐ 1. Only A and C
 - ☒ 2. Only A, B and C
 - ☐ 3. Only C and D
 - ☐ 4. Only B, C and D

Q.18 Who explained the system of classifying musical instruments into Tata, Sushira, Avanaddha and Ghana in his treatise 'Natya Shastra' in the early 2nd century?

- Ans**
- ☐ 1. Sarngadeva
 - ☐ 2. Swami Haridas
 - ☐ 3. Bhairav
 - ☒ 4. Bharata Muni

Q.19 Which country hosted the Football World Cup, 2022?

- Ans**
- ☐ 1. Argentina
 - ☒ 2. Qatar
 - ☐ 3. UAE
 - ☐ 4. France

Q.20 In which year did India first participate in the Paralympic Games?

- Ans**
- ☐ 1. 1980
 - ☐ 2. 1964
 - ☒ 3. 1968
 - ☐ 4. 1972

Q.21 Yashodhara Dalmia is the author of which famous book?

- Ans**
- ☒ 1. The Painted World of the Warlis
 - ☐ 2. Paintings in the Kangra Valley
 - ☐ 3. Indian Art
 - ☐ 4. Ajanta

Q.22 Which Article states that it shall be the duty of every citizen of India to abide by the constitution and respect its ideals and institutions, the National Flag and the National Anthem?

- Ans**
- ☐ 1. 54 (b)
 - ☐ 2. 52
 - ☐ 3. 14
 - ☒ 4. 51A (a)

Q.23 Consider the following statements in the context of the Mughal Rule.

- 1. The Mansabdari System was introduced by Akbar in 1571.
 - 2. The Second Battle of Panipat was fought in 1556.
 - 3. Maharana Pratap Singh of Mewar was a contemporary of Babur.
- Which of the statements given above is/are correct?

- Ans**
- ☐ 1. 1, 2 and 3
 - ☒ 2. Both 1 and 2
 - ☐ 3. Both 2 and 3
 - ☐ 4. Only 2

Q.24 Fuels that are derived from fossils are preserved only in which kind of rocks?

- Ans**
- ☐ 1. Metamorphic rocks
 - ☐ 2. Plutonic rocks
 - ☒ 3. Sedimentary rocks
 - ☐ 4. Volcanic rocks

Q.25 Which of the following statements is true about Micro Finance institutions?

- Ans**
- ☒ 1. Majority of microfinancing operations occur in developing countries
 - ☐ 2. Type of banking service provided to employed
 - ☐ 3. Can provide jumbo loan
 - ☐ 4. Service provided to High income people only

Section : **English Language and Comprehension**

Q.1 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

You have spoilt / the little chance you / had at succeeding.

- Ans**
- ☒ 1. No error
 - ☐ 2. You have spoilt
 - ☐ 3. the little chance you
 - ☐ 4. had at succeeding.

Q.2 Select the most appropriate option to fill in the blank.

I will not be able to _____ my assignment in time.

- Ans**
- ☐ 1. completes
 - ☐ 2. completed
 - ☒ 3. complete
 - ☐ 4. completing

Q.3 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement'.

The name, Khajuraho, has probably been derived from the word 'Khajoor', meaning date palm.

- Ans**
- ☐ 1. derives into
 - ☐ 2. derive at
 - ☐ 3. be derived into
 - ☒ 4. No improvement

Q.4 Select the INCORRECTLY spelt word.

Nylon was among the first synthitic fibre made by man and is known for its toughness, strength and resistance to oil and grease.

- Ans**
- ☒ 1. synthitic
 - ☐ 2. toughness
 - ☐ 3. resistance
 - ☐ 4. strength

Q.5 Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.

The vital role played by women at home and in the struggle for freedom, advanced the case for female emancipation soon after the war was over.

- Ans**
- ☐ 1. objectivity
 - ☒ 2. freedom
 - ☐ 3. utility
 - ☐ 4. bondage

Q.6 Select the appropriate option that can substitute the underlined word in the following sentence to make it grammatically correct.

The grapes taste sweetest.

- Ans**
- ☐ 1. more sweeter
 - ☐ 2. sweeter
 - ☐ 3. most sweeter
 - ☒ 4. sweet

Q.7 Select the most appropriate synonym of the underlined word.
Her amicable nature made it easy for her to forge positive relationships.

- Ans**
- ☐ 1. Attentive
 - ☐ 2. Sad
 - ☐ 3. Aggressive
 - ☒ 4. Friendly

Q.8 The following sentence contains an error. Select the option that correctly rectifies the error.

The robbers stabbed him by a sharp knife and he started bleeding profusely on the spot.

- Ans**
- ☐ 1. but he started bleeding
 - ☐ 2. profusely from the spot
 - ☒ 3. with a sharp knife
 - ☐ 4. The robbers stabbed her

Q.9 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Believe
 - ☒ 2. Recieve
 - ☐ 3. Thief
 - ☐ 4. Relief

Q.10 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

Mukta requested Nikita to share the picture taken during the wedding.

- Ans**
- ☐ 1. will requests Nikita to share
 - ☒ 2. No improvement required
 - ☐ 3. requesting Nikita to share
 - ☐ 4. requested Nikita for share

Q.11 Select the most appropriate option to fill in the blank.

Tom will _____ the document to the office tomorrow.

- Ans**
- ☐ 1. mall
 - ☒ 2. mail
 - ☐ 3. meal
 - ☐ 4. male

Q.12 Select the most appropriate synonym of the highlighted word.

His eloquent speech moved the audience to tears.

- Ans**
- ☐ 1. Vernacular
 - ☐ 2. Inarticulate
 - ☒ 3. Expressive
 - ☐ 4. Angry

Q.13 Select the most appropriate option to fill in the blank.
As 'brutal' is synonymous to 'harsh' , 'naive' is synonymous to _____.

- Ans**
- ☐ 1. wise
 - ☒ 2. simple
 - ☐ 3. worldly
 - ☐ 4. hospitable

Q.14 The following sentence has been split into four segments. Identify the segment that contains an error.
That question is / much difficult / but this one is / very easy.

- Ans**
- ☒ 1. much difficult
 - ☐ 2. but thisone is
 - ☐ 3. very easy.
 - ☐ 4. That question is

Q.15 Identify the most appropriate ANTONYM of the word in brackets.

The magician's performance was (captivating) and held the audience spellbound.

- Ans**
- ☒ 1. Boring
 - ☐ 2. Fascinating
 - ☐ 3. Enchanting
 - ☐ 4. Gripping

Q.16 Select the correctly spelt word to fill in the blank.
The play was shortened by the _____ of two scenes.

- Ans**
- ☐ 1. ommision
 - ☐ 2. insirtion
 - ☐ 3. addition
 - ☒ 4. omission

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The manager complained that Sheetal's email was not up to the standard for the company.

- Ans**
- ☐ 1. an uphill task
 - ☐ 2. up and doing
 - ☒ 3. up to the mark
 - ☐ 4. under the nose

Q.18 Select the sentence that has a grammatical error.

- Ans**
- ☐ 1.
A famous poet wrote that poem.
 - ☒ 2.
He resides near an university.
 - ☐ 3.
A dog likes sunlight.
 - ☐ 4.
I went to watch a play with one of my friends.

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The intersection of nature conservation and social justice is evident in efforts to ensure that marginalised communities and other backward classes should have equal access to natural reserves.

- Ans**
- ☐ 1. Manifest in actions to redesign
 - ☐ 2. obvious in attempts to recollect
 - ☒ 3. apparent in endeavours to guarantee
 - ☐ 4. Unclear in initiatives to safeguard

Q.20 Select the most appropriate meaning of the given idiom.

Hornet's nest

- Ans**
- ☐ 1. A difficult task
 - ☐ 2. A house built with great difficulty
 - ☒ 3. A troublesome or hazardous situation
 - ☐ 4. A bee's nest

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Saltwater crocodiles are also known as estuarine crocodiles, as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile, reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon, which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☐ 1. defer
 - ☒ 2. prefer
 - ☐ 3. differ
 - ☐ 4. refer

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Saltwater crocodiles are also known as estuarine crocodiles, as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile, reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon, which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☐ 1. poorest
 - ☐ 2. broadest
 - ☐ 3. fattest
 - ☒ 4. largest

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Saltwater crocodiles are also known as estuarine crocodiles, as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile, reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon, which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☐ 1. Abysmally
 - ☐ 2. Fanatically
 - ☒ 3. Historically
 - ☐ 4. acrobatically

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Saltwater crocodiles are also known as estuarine crocodiles. as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile. reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon. which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☐ 1. recipes
 - ☐ 2. regiments
 - ☐ 3. residues
 - ☒ 4. records

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Saltwater crocodiles are also known as estuarine crocodiles. as they (1) _____ to live in mangrove-lined rivers. They're the (2) _____ living reptile. reaching up to seven metres in length: far larger than Indonesia's famous Komodo dragon. which tops out at three metres. (3) _____, crocodiles lived throughout the Indonesian archipelago. We have (4) _____ of attacks on humans in Bali from the early 20th century and across much of Java until the 1950s. Even Indonesia's capital, Jakarta, had crocodile's (5) _____ in many rivers running through the city.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☐ 1. relevance
 - ☐ 2. resistance
 - ☒ 3. residence
 - ☐ 4. remembrance

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	28/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 A cylindrical glass with a diameter of 20 cm is having the juice to a height of 9 cm. An ice cube of size 8 cm is amerced in it completely. How much will the juice level rise in the glass? (Use $\pi = 3.142$ and answer correctly up to the nearest mm)

- Ans
- ☒ 1. 16 mm
 - ☐ 2. 163 mm
 - ☐ 3. 63 mm
 - ☐ 4. 17 mm

Q.2 The given table shows the number of students studying Computer Science Engineering and Data Structures from six colleges.Study the table to answer the question that follows.

College	CSE	DS
A1	245	320
A2	325	435
A3	235	410
A4	251	290
A5	243	207
A6	280	315

What percentage of the students in college A5 study Data Structures out of the students studying CSE and DS?

- Ans
- ☐ 1. 52%
 - ☐ 2. 54%
 - ☒ 3. 46%
 - ☐ 4. 42%

Q.3 Reeta buys 90 kg potatoes and sells them at a profit equal to the cost price of 40 kg potatoes. Find her profit percentage.

- Ans
- ☒ 1. $44\frac{4}{9}\%$
 - ☐ 2. $44\frac{5}{9}\%$
 - ☐ 3. $34\frac{5}{9}\%$
 - ☐ 4. $34\frac{4}{9}\%$

Q.4 The LCM of 3,4 and 5 is:

- Ans
- ☐ 1. 48
 - ☒ 2. 60
 - ☐ 3. 30
 - ☐ 4. 20

Q.5 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 72 kg and 35 kg is:

- Ans**
- ☐ 1. 51.4
 - ☐ 2. 49.4
 - ☐ 3. 52.4
 - ☒ 4. 50.4

Q.6 Sunita borrows ₹5,500 for 3 years at 6.5% per annum simple interest. She immediately lends it to Vedanshi at 9.3% per annum simple interest for 3 years. Find her gain (in ₹) in the transaction per year.

- Ans**
- ☐ 1. 161
 - ☒ 2. 154
 - ☐ 3. 157
 - ☐ 4. 149

Q.7 A motor car starts with a speed of 60 km/h and increases its speed after every two hours by 15 km/h. In how much time will it cover a distance of 450 km?

- Ans**
- ☐ 1. 5 hours
 - ☐ 2. 9 hours
 - ☒ 3. 6 hours
 - ☐ 4. 2 hours

Q.8 By selling an article for ₹19.5, a dealer makes a profit of 30%. By how much should he increase his selling price (in ₹) so as to make a profit of 35%?

- Ans**
- ☐ 1. 3.75
 - ☐ 2. 1.75
 - ☒ 3. 0.75
 - ☐ 4. 2.75

Q.9 In a ration shop, there is a certain amount of cereals to distribute to 42 families for 15 days. If 48 kg of cereals can be distributed to 30 families for 7 days, then the quantity of cereals already in the shop was:

- Ans**
- ☐ 1. 84 kg
 - ☒ 2. 144 kg
 - ☐ 3. 96 kg
 - ☐ 4. 112 kg

Q.10 How much water should be added to a 30 l mixture of milk and water, which currently has a ratio of 7 : 3, so that the resultant mixture contains 40% water?

- Ans**
- ☐ 1. 4.25 l
 - ☐ 2. 6 l
 - ☒ 3. 5 l
 - ☐ 4. 3 l

Q.11 The mean of five numbers is 55. If one of the numbers is excluded, the mean gets reduced by 5. Which of the following is the excluded number?

- Ans**
- ☐ 1. 55
 - ☒ 2. 75
 - ☐ 3. 50
 - ☐ 4. 65

Q.12 A chair was sold for ₹8,601 after giving two successive discounts of 8.5% and 6%. Find the marked price.

- Ans**
- ☐ 1. ₹9,612
 - ☒ 2. ₹10,000
 - ☐ 3. ₹9,000
 - ☐ 4. ₹9,848

Q.13 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 68 kg and 39 kg is:

- Ans
- ☐ 1. 52.4
 - ☒ 2. 50.4
 - ☐ 3. 51.4
 - ☐ 4. 49.4

Q.14 In a circular race of 1100 m, P and Q start from the same point, at the same time and at speeds of 36 km/h and 63 km/h, respectively. When will they meet again for the first time on the track if they are running in the opposite direction?

- Ans
- ☐ 1. 20 s
 - ☐ 2. 27 s
 - ☒ 3. 40 s
 - ☐ 4. 10 s

Q.15 If the total surface area of a hemisphere is $192\pi \text{ cm}^2$, then the radius of the base of the hemisphere is:

- Ans
- ☐ 1. 16 cm
 - ☐ 2. 4 cm
 - ☒ 3. 8 cm
 - ☐ 4. 64 cm

Q.16 A famous basketball league team is planning to paint the entire basketball shaped dummy whose radius is 7 m. A painter is hired who tells that 5.4 liters of paint will be used to paint the area of 36 m^2 . How much paint (in l) is required? (round of to one decimal place)

Take $\pi = \frac{22}{7}$

- Ans
- ☐ 1. 95.2
 - ☒ 2. 92.4
 - ☐ 3. 616
 - ☐ 4. 4106.6

Q.17 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 4% per year rate of interest for 3 years.

- Ans
- ☐ 1. 460
 - ☐ 2. 380
 - ☐ 3. 360
 - ☒ 4. 420

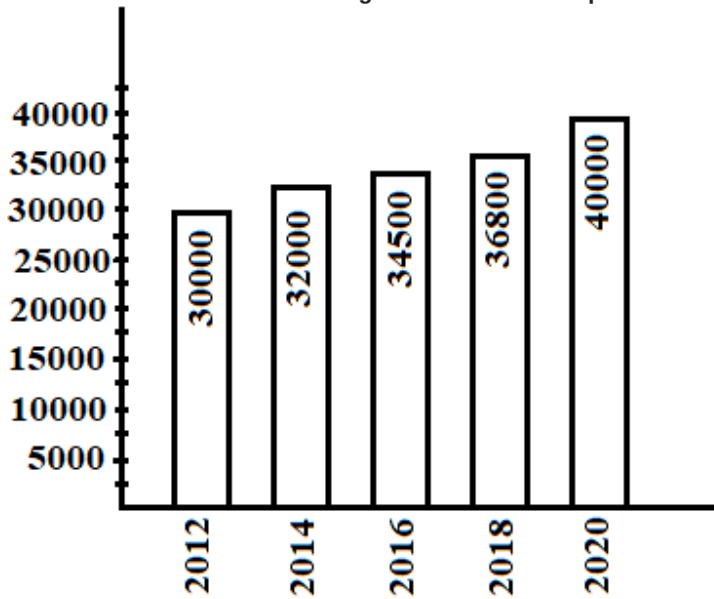
Q.18 In an election between two candidates, one person got 35% of the votes and lost by 6 votes. Assuming that there were no invalid votes, what was the total number of votes?

- Ans
- ☐ 1. 18
 - ☐ 2. 50
 - ☐ 3. 30
 - ☒ 4. 20

Q.19 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 7% per year rate of interest for 5 years.

- Ans
- ☐ 1. 1165
 - ☒ 2. 1225
 - ☐ 3. 1185
 - ☐ 4. 1265

Q.20 The bar graph shows the number of books published by a company in different years. In which year(s) the number of books published is more than the average number of books published in the mentioned years?



- Ans
- ☒ 1. 2018 and 2020
 - ☐ 2. 2014, 2016, 2018 and 2020
 - ☐ 3. 2016, 2018 and 2020
 - ☐ 4. Only 2020

Section : Reasoning Ability and Problem Solving

Q.1 Seven friends - Asha, Sreeja, Mamata, Ramya, Hema, Jaya, and Mohini - are sitting around a circular table, facing the centre (but not necessarily in the same order). Ramya is sitting fourth to the right of Asha. Mamata sits third to the left of Ramya. Jaya has Sreeja and Mamata as immediate neighbours. Hema is sitting to the immediate right of Ramya. Who is sitting second to the left of Mohini?

- Ans
- ☐ 1. Asha
 - ☒ 2. Ramya
 - ☐ 3. Sreeja
 - ☐ 4. Hema

Q.2 MIPL is related to OKRN in a certain way based on the English alphabetical order. In the same way, PLSO is related to RNUQ. To which of the following is HDKG related, following the same logic?

- Ans
- ☐ 1. FJMI
 - ☐ 2. JFIM
 - ☐ 3. FJIM
 - ☒ 4. JFMI

Q.3 D, E, F, L, R, S and T are sitting around a circular table facing the centre (but not necessarily in the same order). R sits second to the right of D. L sits to the immediate left of D. T sits third to the left of L. F sits third to the left of S. Neither E nor S is an immediate neighbour of R. What is the position of S with respect to R?

- Ans
- ☐ 1. Fourth to the left
 - ☒ 2. Second to the right
 - ☐ 3. Fifth to the right
 - ☐ 4. Third to the right

Q.4 In a certain code language, 'mahima scored high' is written as 'su hu gu' and 'adi swings high' is written as 'lu gu nu'. How is 'high' written in the given language?

- Ans
- ☐ 1. nu
 - ☐ 2. lu
 - ☐ 3. su
 - ☒ 4. gu

Q.5 35 is related to 105 following a certain logic. Following the same logic, 51 is related to 153. To which of the following is 72 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans ☒ 1. 216
☒ 2. 212
☒ 3. 214
☒ 4. 210

Q.6 What should come in place of the question mark (?) in the following series based on the English alphabetical order?
 RJX, PNV, NRT, LVR, ?

- Ans ☒ 1. KZP
☒ 2. KAP
☒ 3. JZP
☒ 4. JZQ

Q.7 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

□	R	L	O	
L O 3 3	L O	R □ 3 3	R □	?
R	□	O	L	

Ans

☒ 1.

R
O L □
3

☒ 2.

L
□ O 3
R

☒ 3.

3
O L R
□

☒ 4.

R
O L 3
□

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All Excels are Words.

All Words are PowerPoints.

Conclusions:

(I) All PowerPoints are Excels.

(II) At least some Words are Excels.

- Ans**
- ☒ 1. Neither conclusion I nor II follows
 - ☒ 2. Only conclusion II follows
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Both conclusion I and II follow

Q.9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All bats are mammals.

No mammal is a fish.

Conclusions:

(I) No bat is a fish.

(II) Some fishes are mammals.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows.
 - ☒ 2. Only conclusion (II) follows.
 - ☒ 3. Only conclusion (I) follows.
 - ☒ 4. Both conclusions (I) and (II) follow.

Q.10 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$62 - 36 + 18 \div 6 \times 3 = ?$$

- Ans**
- ☒ 1. 27
 - ☒ 2. 17
 - ☒ 3. 107
 - ☒ 4. 62

Q.11 Select the number from among the given options that can replace the question mark (?) in the following series.
9, 45, 225, 1125, 5625, ?

- Ans**
- ☒ 1. 28125
 - ☒ 2. 7689
 - ☒ 3. 2799
 - ☒ 4. 4679

Q.12 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

25, 77

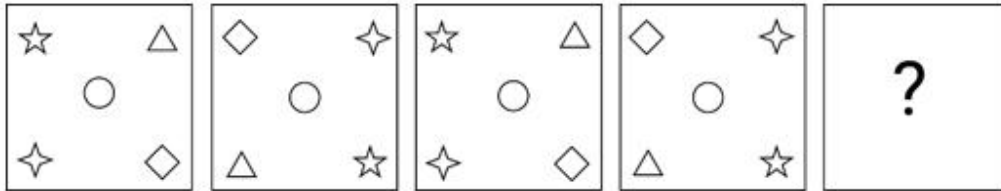
28, 86

- Ans**
- ☒ 1. 34, 103
 - ☒ 2. 35, 103
 - ☒ 3. 35, 104
 - ☒ 4. 34, 104

Q.13 In a certain code language, 'VOLT' is coded as '5731' and 'LEAD' is coded as '4186'. What is the code for 'L' in the given code language?

- Ans
- ☒ 1. 8
 - ☒ 2. 1
 - ☒ 3. 4
 - ☒ 4. 3

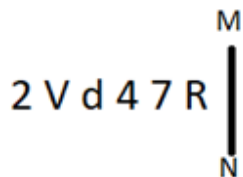
Q.14 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.15 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1.
 - ☒ 2.
 - ☒ 3.
 - ☒ 4.

Q.16 In a certain code language, 'LINK' is coded as '4175' and 'NICK' is coded as '7419'. What is the code for 'C' in the given language?

- Ans
- ☒ 1. 7
 - ☒ 2. 9
 - ☒ 3. 1
 - ☒ 4. 4

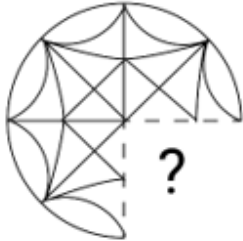
Q.17 In a code language, 'PRETTY' is written as 'BIVGGK' and 'JOYFUL' is written as 'OLBUFQ'. How will 'EXOTIC' be written in the same language?

- Ans
- ☒ 1. SBLGRV
 - ☒ 2. SCLGRV
 - ☒ 3. XBLGRV
 - ☒ 4. XCLGRV

Q.18 EJIA is related to FKJB in a certain way based on the English alphabetical order. In the same way, ZDCU is related to AEDV. To which of the following is OTSK related, following the same logic?

- Ans
- ☒ 1. PTLU
 - ☒ 2. PUTL
 - ☒ 3. LTPU
 - ☒ 4. PULT

Q.19 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.20 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $110 + 54 \times 9 - 13 \div 2 = ?$

- Ans
- ☒ 1. 136
 - ☒ 2. 114
 - ☒ 3. 144
 - ☒ 4. 130

Section : **General Awareness**

Q.1 Fa-Hsien, a Chinese Buddhist Pilgrim, began his journey back home (China) from _____.

- Ans
- ☒ 1. Arikamedu
 - ☒ 2. Prayag
 - ☒ 3. Bengal
 - ☒ 4. Taxila

Q.2	Which of the following is a unitary feature of the Indian Constitution?
Ans	☒ 1. single citizenship ☐ 2. Bicameralism ☐ 3. Division of Powers ☐ 4. Written Constitution
Q.3	Lalita J Rao is associated with which of the following gharanas?
Ans	☒ 1. Agra gharana ☐ 2. Kirana gharana ☐ 3. Benaras gharana ☐ 4. Jaipur gharana
Q.4	When a river reaches a low lying plain, it continues erosion of soil as well as deposition and as a result of both these factors another river channel develops and later it is detached from the main river forming a U-shaped lake; this is called:
Ans	☐ 1. a gulf ☐ 2. an estuary ☐ 3. a canal ☒ 4. an oxbow lake
Q.5	Rank the following states in ascending order, based on their population density, as per Census 2011.
	Tripura, Meghalaya, Manipur, Nagaland
Ans	☐ 1. Meghalaya-Tripura-Nagaland-Manipur ☐ 2. Meghalaya-Tripura-Manipur-Nagaland ☒ 3. Nagaland-Manipur-Meghalaya-Tripura ☐ 4. Nagaland-Tripura-Manipur-Meghalaya
Q.6	The East India Company lost all its administrative powers with the enforcement of _____.
Ans	☐ 1. The Charter Act of 1853 ☐ 2. The Regulating Act, 1773 ☒ 3. The Government of India Act, 1858 ☐ 4. The Indian Councils Act, 1892
Q.7	Which of the following dances is performed in Goa during the festival Ganesh Chaturthi?
Ans	☒ 1. Fugdi ☐ 2. Dhangar ☐ 3. Dhalo ☐ 4. Tarangmel
Q.8	Which of the following is NOT a feature of the contingency fund of India?
Ans	☐ 1. It is for emergencies. ☒ 2. Allowances and emoluments of the President are charged under it. ☐ 3. It is issued on behalf of the President of India. ☐ 4. It is established under Article 267.
Q.9	In which state of India is the Telaiya dam located?
Ans	☒ 1. Jharkhand ☐ 2. Karnataka ☐ 3. Bihar ☐ 4. Madhya Pradesh
Q.10	The official journey of 'Azadi Ka Amrit Mahotsav' commenced on:
Ans	☐ 1. 15th August 2022 ☐ 2. 14th April 2021 ☐ 3. 14th August 2022 ☒ 4. 12th March 2021

Q.11 At which Olympic games did India receive its first Olympic medal in a shooting event?

- Ans**
- ☐ 1. Tokyo 2022
 - ☒ 2. Athens 2004
 - ☐ 3. Beijing 2008
 - ☐ 4. London 2012

Q.12 Which of the following is the role of fibre in the diet?

- Ans**
- ☐ 1. Regulating body temperature
 - ☐ 2. Providing quick energy
 - ☒ 3. Promoting digestion and bowel regularity
 - ☐ 4. Enhancing taste of food

Q.13 Which of the following options correctly matches column-A with column-B?

Column-A (Common name)

- i. Cuttle Fish
- ii. Silver fish
- iii. Devil fish
- iv. Cat fish

Column-B (Scientific name)

- a. Siluriformes
- b. Mobula
- c. Sepia
- d. Lepisma

- Ans**
- ☐ 1. i-c, ii-d, iii-a, iv-b
 - ☐ 2. i-d, ii-c, iii-b, iv-a
 - ☒ 3. i-c, ii-d, iii-b, iv-a
 - ☐ 4. i-c, ii-a, iii-b, iv-d

Q.14 The autobiography of which of the following famous Indian musicians is titled 'My Life, My Music'?

- Ans**
- ☐ 1. Zakir Hussain
 - ☒ 2. Ravi Shankar
 - ☐ 3. Bismillah Khan
 - ☐ 4. Shivkumar Sharma

Q.15 Moseley observed that the plot of $\sqrt{\nu}$ against atomic number (Z) gave a straight line. What does ν indicate here?

- Ans**
- ☐ 1. Frequency of α -rays emitted
 - ☐ 2. Frequency of β -rays emitted
 - ☒ 3. Frequency of X-rays emitted
 - ☐ 4. Frequency of γ -rays emitted

Q.16 As of February 2023, who is the Union Minister of Road Transport and Highways?

- Ans**
- ☐ 1. Dharmendra Pradhan
 - ☐ 2. Ashwini Vaishnav
 - ☐ 3. Mansukh Mandaviya
 - ☒ 4. Nitin Gadkari

Q.17 Sultan Ghari tomb is situated to west of the Qutub in Delhi is like a fortress within a walled enclosure with bastions on the comers, with its _____ grave chamber underground.

- Ans**
- ☐ 1. pentagonal
 - ☒ 2. octagonal
 - ☐ 3. squarish
 - ☐ 4. rectangular

Q.18 'The Climate Smart Cities Assessment Framework 2.0' is to evaluate how many cities across India?

- Ans**
- ☒ 1. 100
 - ☐ 2. 70
 - ☐ 3. 32
 - ☐ 4. 120

Q.19	Which of the following awards and recognitions was NOT received by Vempati Chinna Satyam?
Ans	✗ 1. Honorary doctorate ✗ 2. Kalidas Samman ✗ 3. Sangeet Natak Akadami Award ✓ 4. Padma Shri
Q.20	A three-time Olympian, PT Usha broke the Asian Games record in four events (200 m, 400 m, 400 m hurdles and 4 × 400 m relay) in _____.
Ans	✓ 1. Seoul, 1986 ✗ 2. New Delhi, 1982 ✗ 3. Beijing, 1990 ✗ 4. Hiroshima, 1994
Q.21	When was the first-round table Conference started by the British Government in London?
Ans	✗ 1. December 1929 ✓ 2. November 1930 ✗ 3. December 1931 ✗ 4. November 1932
Q.22	Who does NOT fall under the executive of the Indian Union?
Ans	✓ 1. Chief Justice of India ✗ 2. Prime Minister ✗ 3. Council of Ministers ✗ 4. President
Q.23	In which of the following states can the 'Loo' phenomenon be observed?
Ans	✗ 1. Manipur ✗ 2. Goa ✓ 3. Rajasthan ✗ 4. Tamil Nadu
Q.24	'Rajatarangini', a vivid account of the kings of Kashmir, was composed by Kalhana in the _____ language.
Ans	✗ 1. Arabic ✓ 2. Sanskrit ✗ 3. Persian ✗ 4. Urdu
Q.25	Who is literate according to the Census of India?
Ans	✓ 1. A person above 7 years of age, who can read and write with understanding in any language. ✗ 2. A person above 18 years of age, who can read and write with understanding in any language. ✗ 3. A person above 5 years of age, who can read and write with understanding in any language. ✗ 4. A person above 14 years of age, who can read and write with understanding in any language.

Section : **English Language and Comprehension**

Q.1	The following sentence has been split into four segments. Identify the segment that contains a grammatical/spelling error.
	He was lying at / his bed when he / saw the snake entering / through the window.
Ans	✗ 1. his bed when he ✗ 2. through the window ✓ 3. He way lying at ✗ 4. saw the snake entering

Q.2 Select the most appropriate meaning of the given idiom.

Grease someone's palm

- Ans**
- ☒ 1. To bribe someone
 - ☐ 2. To flatter someone
 - ☐ 3. To abuse someone
 - ☐ 4. To beat someone

Q.3 Select the correct idiom to substitute the underlined segment in the following sentence.
His remarks made the matter worse.

- Ans**
- ☐ 1. Killed two birds with one stone
 - ☐ 2. Made a splash
 - ☐ 3. Spilled the beans
 - ☒ 4. Added fuel to the fire

Q.4 Select the most appropriate synonym of the given word.
Vivid

- Ans**
- ☒ 1. Bright
 - ☐ 2. Dull
 - ☐ 3. Soothing
 - ☐ 4. Varied

Q.5 Select the most appropriate ANTONYM of the given word.

Frugal

- Ans**
- ☐ 1. Cheap
 - ☐ 2. Thrifty
 - ☒ 3. Profligate
 - ☐ 4. Happy

Q.6 Select the sentence that has a grammatical error.

- Ans**
- ☒ 1.
Alka bought new pair of shoes for the party.
 - ☐ 2. Suhas has a younger brother and an elder sister.
 - ☐ 3.
It was a huge zoo with an elephant enclosure.
 - ☐ 4.
He was an honest engineer by profession.

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She is learning / to play the guitar / to pursue her passion / for the music.

- Ans**
- ☐ 1. She is learning
 - ☐ 2. to pursue her passion
 - ☐ 3. to play the guitar
 - ☒ 4. for the music.

Q.8 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Admissible
 - ☐ 2. Admission
 - ☐ 3. Admittance
 - ☒ 4. Admitted

Q.9 Select the most appropriate meaning of the underlined **phrase**.

Those who have died cannot be brought back to life.

- Ans**
- ☒ 1. Resurrect
 - ☐ 2. Abstract
 - ☐ 3. Extract
 - ☐ 4. Retract

Q.10 Select the most appropriate **ANTONYM** of the underlined word.

she had garnered the information from various books.

- Ans**
- ☐ 1. Implemented
 - ☐ 2. Criticised
 - ☐ 3. Liberated
 - ☒ 4. Dispersed

Q.11 Select the correct spelling of the incorrectly spelt word in the given sentence.

He was suspended from the party due to his suspicious activities.

- Ans**
- ☒ 1. Suspicious
 - ☐ 2. Suspitious
 - ☐ 3. Suspeceous
 - ☐ 4. Suspicius

Q.12 Select the most appropriate option to fill in the blank.

The storm caused extensive damage to homes, _____ many families homeless.

- Ans**
- ☐ 1. is left
 - ☒ 2. leaving
 - ☐ 3. to leave
 - ☐ 4. leave

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Do you know the purpose of a fire extinguisher? It helps to put up with an engulfing fire, in case of an emergency.

- Ans**
- ☐ 1. stand out
 - ☐ 2. run away with
 - ☒ 3. put out
 - ☐ 4. turn over

Q.14 Select the option that rectifies the **INCORRECT** spelling in the given sentence.

Pleasee allow me to start.

- Ans**
- ☐ 1. Pleesse
 - ☐ 2. Pleeasse
 - ☐ 3. Pleasse
 - ☒ 4. Please

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The athletes / trained tirelessness / to prepare for / the upcoming competition.

- Ans**
- ☐ 1. The athletes
 - ☐ 2. the upcoming competition
 - ☒ 3. trained tirelessness
 - ☐ 4. to prepare for

Q.16 Select the most appropriate option that can substitute the underlined segment in the given sentence.

A raven, which you know is black as coal, was envious of the swan, because her feathers are as white as the purest snow.

- Ans**
- ☐ 1. feathers is as white as
 - ☒ 2. feathers were as white as
 - ☐ 3. feathers is a white as
 - ☐ 4. feathers was a white as

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The elusive moon peeked from behind the clouds, illuminating the earth with its gentle glow.

- Ans**
- ☐ 1. glowing up the earth for
 - ☒ 2. lighting up the earth with
 - ☐ 3. empowering the earth via
 - ☐ 4. encouraging the earth with

Q.18 Select the most appropriate ANTONYM of the given word.

Ambrosial

- Ans**
- ☐ 1. Pleasing
 - ☐ 2. Vengeful
 - ☒ 3. Malodorous
 - ☐ 4. Faithful

Q.19 Select the most appropriate synonym of the given word.

Hermetic

- Ans**
- ☐ 1. Lucid
 - ☐ 2. Intelligible
 - ☒ 3. Esoteric
 - ☐ 4. Obnoxious

Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He is / an expert / in / an English literature.

- Ans**
- ☐ 1. He is
 - ☒ 2. an English literature
 - ☐ 3. an expert
 - ☐ 4. in

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) _____ some firsts that stay in history forever. The one held by Khashaba Jadhav is one such first. He might have been referred to as the Pocket Dynamo, but his deeds dwarfed those of far (2) _____ athletes in his sport. Just a couple of years after India had become a Republic, Jadhav took part in the 1952 Olympics at Helsinki, Finland. As funding sportspersons weren't really a (3) _____ for a country just finding its feet, Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) _____ his way to fame, becoming independent India's first individual Olympic medal winner. He (5) _____ bronze in the bantamweight category.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank 1.]

- Ans**
- ☐ 1. were
 - ☐ 2. is
 - ☒ 3. are
 - ☐ 4. was

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) _____ some firsts that stay in history forever. The one held by Khashaba Jadhav is one such first. He might have been referred to as the Pocket Dynamo, but his deeds dwarfed those of far (2) _____ athletes in his sport. Just a couple of years after India had become a Republic, Jadhav took part in the 1952 Olympics at Helsinki, Finland. As funding sportspersons weren't really a (3) _____ for a country just finding its feet, Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) _____ his way to fame, becoming independent India's first individual Olympic medal winner. He (5) _____ bronze in the bantamweight category.

SubQuestion No : 22**Q.22 Select the most appropriate option to fill in blank 2.]**

- Ans**
- ☒ 1. bigger
 - ☐ 2. smaller
 - ☐ 3. small
 - ☐ 4. big

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) _____ some firsts that stay in history forever. The one held by Khashaba Jadhav is one such first. He might have been referred to as the Pocket Dynamo, but his deeds dwarfed those of far (2) _____ athletes in his sport. Just a couple of years after India had become a Republic, Jadhav took part in the 1952 Olympics at Helsinki, Finland. As funding sportspersons weren't really a (3) _____ for a country just finding its feet, Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) _____ his way to fame, becoming independent India's first individual Olympic medal winner. He (5) _____ bronze in the bantamweight category.

SubQuestion No : 23**Q.23 Select the most appropriate option to fill in blank 3.]**

- Ans**
- ☒ 1. priority
 - ☐ 2. posteriority
 - ☐ 3. subsequence
 - ☐ 4. supremacy

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) _____ some firsts that stay in history forever. The one held by Khashaba Jadhav is one such first. He might have been referred to as the Pocket Dynamo, but his deeds dwarfed those of far (2) _____ athletes in his sport. Just a couple of years after India had become a Republic, Jadhav took part in the 1952 Olympics at Helsinki, Finland. As funding sportspersons weren't really a (3) _____ for a country just finding its feet, Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) _____ his way to fame, becoming independent India's first individual Olympic medal winner. He (5) _____ bronze in the bantamweight category.

SubQuestion No : 24**Q.24 Select the most appropriate option to fill in blank 4.]**

- Ans**
- ☐ 1. buckled-under
 - ☐ 2. Surrendered
 - ☒ 3. wrestled
 - ☐ 4. Lazed

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Khashaba Jadhav was the independent India's first individual olympic medallist. There (1) _____ some firsts that stay in history forever. The one held by Khashaba Jadhav is one such first. He might have been referred to as the Pocket Dynamo, but his deeds dwarfed those of far (2) _____ athletes in his sport. Just a couple of years after India had become a Republic, Jadhav took part in the 1952 Olympics at Helsinki, Finland. As funding sportspersons weren't really a (3) _____ for a country just finding its feet, Jadhav's trip to Helsinki was actually funded by the public. Jadhav however, (4) _____ his way to fame, becoming independent India's first individual Olympic medal winner. He (5) _____ bronze in the bantamweight category.

SubQuestion No : 25**Q.25 Select the most appropriate option to fill in blank 5.]**

- Ans**
- ☐ 1. forgave
 - ☐ 2. constructed
 - ☐ 3. lulled
 - ☒ 4. claimed

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	29/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 7% per year rate of interest for 5 years.

- Ans
- ☐ 1. 740
 - ☐ 2. 640
 - ☐ 3. 660
 - ☒ 4. 700

Q.2 Anirudh bought an old mobile for ₹18,000 and spent 5% of the cost price on its repairing and then sold it for ₹21,735. Find the profit percentage earned by Anirudh.

- Ans
- ☐ 1. 14%
 - ☐ 2. 13%
 - ☐ 3. 16%
 - ☒ 4. 15%

Q.3 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 6% per year rate of interest for 2 years.

- Ans
- ☐ 1. 460
 - ☐ 2. 360
 - ☒ 3. 420
 - ☐ 4. 380

Q.4 A container has 72 litre of pure milk. One-third of the milk is replaced by water in the container. Again, one-third of the mixture is extracted and an equal amount of water is added. What is the ratio of milk to water in the new mixture?

- Ans
- ☐ 1. 2 : 3
 - ☐ 2. 1 : 2
 - ☒ 3. 4 : 5
 - ☐ 4. 3 : 4

Q.5 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 70 kg and 36 kg is:

- Ans
- ☐ 1. 52.2
 - ☒ 2. 50.2
 - ☐ 3. 51.2
 - ☐ 4. 49.2

Q.6 The price of a pencil is increased by ₹2 this year and ₹2 in the previous year. The price of a pencil is now 30% more than the price in the previous to the previous year. How much is the price of the pencil now in ₹?

- Ans
- ☐ 1. 15.33
 - ☐ 2. 13.33
 - ☒ 3. 17.33
 - ☐ 4. 14.33

Q.7 Find the average of all the numbers between 21 and 70 which are divisible by 3 and leave the remainder 2.

- Ans
- ☒ 1. 45.5
 - ☐ 2. 55.6
 - ☐ 3. 55.4
 - ☐ 4. 65.5

Q.8 P and Q walk along a circular track in opposite directions. P completes two rounds of the track in 1 minute and Q completes three rounds of the track in the same time. They start from the same point and walk for 2 minutes. How many times will they meet on the track between start time and end time?

- Ans**
- ☒ 1. 9
 - ☐ 2. 10
 - ☐ 3. 8
 - ☐ 4. 11

Q.9 At a health club, 56% of the members are women and 44% of the members are men. If the average age of the men is 35 years and the average age of the women is 30 years, what is the average age (in years) of all the members?

- Ans**
- ☐ 1. 33.5
 - ☐ 2. 34.9
 - ☐ 3. 32.2
 - ☒ 4. 32.8

Q.10 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 70 kg and 38 kg is:

- Ans**
- ☐ 1. 52.6
 - ☒ 2. 50.6
 - ☐ 3. 49.6
 - ☐ 4. 51.6

Q.11 A cylindrical tank, 14 m in radius, contains water up to the depth of 7 m. What is the total area of the wetted surface? (Use $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 1231 m²
 - ☐ 2. 1233 m²
 - ☒ 3. 1232 m²
 - ☐ 4. 1230 m²

Q.12 Ankur sells a box to Sunita earning a profit of 20%. Sunita sold it to Mohit with a 9% profit. Mohit sold it to Anjali for ₹24,525 thereby gaining 25%. At what price (in ₹) did Ankur buy the box?

- Ans**
- ☐ 1. 20000
 - ☒ 2. 15000
 - ☐ 3. 17000
 - ☐ 4. 12000

Q.13 A car travels at a uniform speed of 45 km/h for 210 km and then travels for 420 km at a uniform speed of 70 km/h. What is the average speed of the car during the entire journey?

- Ans**
- ☐ 1. $63\frac{1}{16}$ km/h
 - ☐ 2. $59\frac{5}{16}$ km/h
 - ☒ 3. $59\frac{1}{16}$ km/h
 - ☐ 4. $63\frac{5}{16}$ km/h

Q.14 If a shopkeeper marks a T – shirt at 20% above the cost price and gives a discount of 10% on it, then find his gain percentage.

- Ans**
- ☐ 1. 6%
 - ☒ 2. 8%
 - ☐ 3. 9%
 - ☐ 4. 4%

Q.15 The simple interest on a certain sum at the rate of 12.5% p.a. for 3 years and 6 months is ₹6,750 less than the principal. Find out the principal.

- Ans**
- ☐ 1. ₹12,350
 - ☐ 2. ₹10,000
 - ☒ 3. ₹12,000
 - ☐ 4. ₹10,650

Q.16 A dealer sold three-fifth of his goods at a gain of 25% and the remaining at cost price. What is his loss or gain per cent in the whole transaction?

- Ans**
- ☐ 1. 15% loss
 - ☐ 2. 18% loss
 - ☒ 3. 15% gain
 - ☐ 4. 18% gain

Q.17 Find the curved surface area and total surface area, respectively, of a cylinder of radius of base 28 m and height 40 m.

- Ans**
- ☐ 1. 7040 m^2 and $11,768 \text{ m}^2$
 - ☐ 2. 7040 m^2 and $11,008 \text{ m}^2$
 - ☐ 3. 7000 m^2 and $11,968 \text{ m}^2$
 - ☒ 4. 7040 m^2 and $11,968 \text{ m}^2$

Q.18 A metallic cone of radius 12 cm and height 36 cm is melted and made into spheres of radius 3 cm each. How many spheres are there?

- Ans**
- ☐ 1. 58
 - ☐ 2. 34
 - ☐ 3. 74
 - ☒ 4. 48

Q.19 The sum of two natural numbers is 80 and their HCF is 10. How many such pairs of numbers are possible?

- Ans**
- ☒ 1. 2
 - ☐ 2. 8
 - ☐ 3. 3
 - ☐ 4. 7

Q.20 The value of $45 \times (96 \div 2) \div 48 - \{8 \times 6 + 10 - (7 - 1) \div 3\}$ is:

- Ans**
- ☒ 1. -11
 - ☐ 2. -15
 - ☐ 3. -6
 - ☐ 4. -9

Section : Reasoning Ability and Problem Solving

Q.1 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(18, 25, 29)
(21, 23, 40)

- Ans**
- ☒ 1. (12, 13, 23)
 - ☐ 2. (26, 3, 60)
 - ☐ 3. (17, 29, 32)
 - ☐ 4. (3, 19, 10)

Q.2 A, B, C, D, E, F, and G, are sitting around a circular table facing the centre (but not necessarily in the same order). Only 2 people sit between A and B when counted from the left of A. Both G and F are immediate neighbours of A. C sits immediate to the left of E. Only 2 people sit between D and G when counted from the right of D. How many people sit between E and F when counted from the left of F?

- Ans**
- ☐ 1. 3
 - ☐ 2. 4
 - ☐ 3. 1
 - ☒ 4. 2

Q.3 In a certain code language, 'GOLF' is coded as '1286' and 'WOLF' is coded as '6428'. What is the code for 'W' in that language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 2
 - ☒ 3. 4
 - ☐ 4. 6

Q.4 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All blankets are pillows.

No blanket is a curtain.

Conclusions:

(I) No pillow is a curtain.

(II) At least some pillows are blankets.

- Ans**
- ☐ 1. Both conclusion I and II follow
 - ☐ 2. Only conclusion I follows
 - ☐ 3. Neither conclusion I nor II follows
 - ☒ 4. Only conclusion II follows

Q.5 KYDV is related to NBGY in a certain way based on the English alphabetical order. In the same way, THME is related to WKPH. To which of the following is CQVN related, following the same logic?

- Ans**
- ☒ 1. FTYQ
 - ☐ 2. FTYU
 - ☐ 3. FGTY
 - ☐ 4. GHFT

Q.6 Select the number from among the given options that can replace the question mark (?) in the following series.

13, 17, 25, 41, 73, ?

- Ans**
- ☐ 1. 134
 - ☒ 2. 137
 - ☐ 3. 189
 - ☐ 4. 180

Q.7 In a certain code language, 'TIME' is written as '3629' and 'BEND' is written as '4582'. How is 'E' written in that code language?

- Ans**
- ☐ 1. 4
 - ☐ 2. 5
 - ☒ 3. 2
 - ☐ 4. 9

Q.8 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

23, 230
46, 460

Ans  1. 35, 620
 2. 84, 410
 3. 52, 520
 4. 24, 120

Q.9 4 is related to 15 following a certain logic. Following the same logic, 15 is related to 48. To which of the following is 7 related following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

Ans  1. 21
 2. 24
 3. 28
 4. 23

Q.10 What should come in place of the question mark (?) in the given series?

42, 48, 54, 60, 66, ?

Ans  1. 71
 2. 72
 3. 70
 4. 73

Q.11 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All pens are razors.

All razors are creams.

Conclusions:

(I) All pens are creams.

(II) All creams are razors.

Ans  1. Both conclusion I and II follow
 2. Neither conclusion I nor II follows
 3. Only conclusion II follows
 4. Only conclusion I follows

Q.12 Which two signs should be interchanged to make the given equation correct?

$39 \div 3 - 11 + 45 \times 17 = 171$

Ans  1. $\div$ and $\times$
 2. $-$ and $\times$
 3. $-$ and $+$
 4. $+$ and $\times$

Q.13 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
DHC, GKF, JNI, MQL, ?

Ans  1. QVQ
 2. PTO
 3. QTO
 4. PUP

Q.14 OD 11 is related to KH 15 in a certain way. In the same way, ID 5 is related to EH 9. To which of the following is LK 3 related, following the same logic?

- Ans**
- ☐ 1. HP 7
 - ☐ 2. HO 3
 - ☒ 3. HO 7
 - ☐ 4. HO -3

Q.15 In a certain code language, 'saroj learns taxes' is written as 'vi ti ui' and 'priya paid taxes' is written as 'pi vi wi'. How is 'taxes' written in the given language?

- Ans**
- ☐ 1. wi
 - ☒ 2. vi
 - ☐ 3. ui
 - ☐ 4. pi

Q.16 In a certain code language, 'BEST' is coded as '9715' and 'CLUB' is coded as '8762'. What is the code for 'B' in the given code language?

- Ans**
- ☐ 1. 6
 - ☐ 2. 9
 - ☒ 3. 7
 - ☐ 4. 2

Q.17 OGMI is related to LDJF in a certain way based on the English alphabetical order. In the same way, SKQM is related to PHNJ. To which of the following is VNTP related, following the same logic?

- Ans**
- ☒ 1. SKQM
 - ☐ 2. KSQM
 - ☐ 3. SKMQ
 - ☐ 4. KSMQ

Q.18 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). E is sitting fourth to the left of F. A is sitting third to the left of E. G is sitting third to the right of D. C is sitting to the immediate left of D. B is sitting second to the left of F. What is the position of F with respect to A?

- Ans**
- ☐ 1. Fourth to the right
 - ☒ 2. To the immediate left
 - ☐ 3. To the immediate right
 - ☐ 4. Second to the left

Q.19 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
Some gums are candies.
No candy is a ball.

Conclusions:
(I) Atleast some candies are gums.
(II) No ball is a gum.

- Ans**
- ☐ 1. Neither conclusion (I) nor (II) follows.
 - ☒ 2. Only conclusion (I) follows.
 - ☐ 3. Only conclusion (II) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.20 Which two numbers should be interchanged to make the given equation correct?
 $92 + 36 - 28 + (42 \div 3) - (22 \times 4) = 10$
(Note: Interchange should be done of entire number and not individual digits of a given number)

- Ans**
-  1. 22 and 28
 -  2. 42 and 36
 -  3. 36 and 28
 -  4. 3 and 4

Section : **General Awareness**

Q.1 The original non-metamorphic rock that undergoes profound physical or chemical changes leading to the formation of a metamorphic rock is known as:

- Ans**
-  1. Laterite
 -  2. Regolith
 -  3. Protolith
 -  4. Bedrock

Q.2 Which reform was initiated by Lord Ripon for the welfare of labourers?

- Ans**
-  1. The Educational Reforms
 -  2. The Factory Act
 -  3. The Vernacular Press Act
 -  4. The Financial Decentralisation

Q.3 How many gold medals did Maharashtra win to top the medal tally at the 37th National Games event held in Goa?

- Ans**
-  1. 72
 -  2. 79
 -  3. 69
 -  4. 80

Q.4 As per Census of India 2011, which of the following states has the highest child sex ratio (in the age group of 0-6 years)?

- Ans**
-  1. Rajasthan
 -  2. Mizoram
 -  3. Kerala
 -  4. Chhattisgarh

Q.5 Magnolia and Laurel trees are found in which type of forest in India?

- Ans**
-  1. Tropical Deciduous Forests
 -  2. Tropical Thorn Forests
 -  3. Montane Forests
 -  4. Mangrove Forests

Q.6 Padma awardee Arjun Singh Dhurve is related to which of the following folk dances?

- Ans**
-  1. Baiga
 -  2. Raslila
 -  3. Chhau
 -  4. Garba

Q.7 The element with atomic number 59 lies in which block of the Periodic Table?

- Ans**
-  1. The f-block
 -  2. The s-block
 -  3. The d-block
 -  4. The p-block

Q.8	In 1927, where was the conference against colonial oppression and imperialism, in which Jawaharlal Nehru participated on behalf of Indian National Congress, held?										
Ans	✗ 1. Antwerp ✓ 2. Brussels ✗ 3. Leuven ✗ 4. Bruges										
Q.9	Which of the following awards is NOT conferred for excellence in dance?										
Ans	✓ 1. Lalit Kala Akademi Award ✗ 2. Kalidas Samman Award ✗ 3. Sangeet Natak Akademi Award ✗ 4. Padma Shree Award										
Q.10	Duare Ration Scheme, which has been deemed legally void by the high court, was launched by which of the following states?										
Ans	✗ 1. Punjab ✗ 2. Madhya Pradesh ✗ 3. Uttar Pradesh ✓ 4. West Bengal										
Q.11	Which of the following are the amounts of nutrients in a keto diet?										
Ans	✓ 1. High amount of fat, adequate protein and low carbohydrate ✗ 2. Only taking high number of vitamins and minerals ✗ 3. High carbohydrate, proper amount of protein and low fat ✗ 4. High protein and fat, carbohydrates in a low amount										
Q.12	Which of the following is NOT a cropping season in India?										
Ans	✓ 1. Fang ✗ 2. Zaid ✗ 3. Kharif ✗ 4. Rabi										
Q.13	Andal was one of the most famous women _____ saints.										
Ans	✗ 1. Tantric ✗ 2. Sufi ✗ 3. Nayanar ✓ 4. Alvar										
Q.14	Which book has been authored by Rabindra Bharali?										
Ans	✓ 1. The Forgotten Forms of Hindustani Music ✗ 2. Music to my Ears ✗ 3. Indie 101 ✗ 4. The Music Room										
Q.15	Which of the following options correctly matches column-A with column-B?										
	<table> <tr> <th>Column-A (Name of Vitamin)</th><th>Column-B (Deficiency Diseases)</th></tr> <tr> <td>i. Vitamin A</td><td>a. Scurvy</td></tr> <tr> <td>ii. Vitamin D</td><td>b. Beriberi</td></tr> <tr> <td>iii. Vitamin B1</td><td>c. Rickets</td></tr> <tr> <td>iv. Vitamin C</td><td>d. Night Blindness</td></tr> </table>	Column-A (Name of Vitamin)	Column-B (Deficiency Diseases)	i. Vitamin A	a. Scurvy	ii. Vitamin D	b. Beriberi	iii. Vitamin B1	c. Rickets	iv. Vitamin C	d. Night Blindness
Column-A (Name of Vitamin)	Column-B (Deficiency Diseases)										
i. Vitamin A	a. Scurvy										
ii. Vitamin D	b. Beriberi										
iii. Vitamin B1	c. Rickets										
iv. Vitamin C	d. Night Blindness										
Ans	✗ 1. i-c, ii-d, iii-a, iv-b ✓ 2. i-d, ii-c, iii-b, iv-a ✗ 3. i-d, ii-c, iii-a, iv-b ✗ 4. i-c, ii-d, iii-b, iv-a										

Q.16	The Ashokan inscriptions of Afghanistan are written in Aramaic and _____ scripts.
Ans	☒ 1. Greek ☐ 2. Ol Chiki ☐ 3. Devanagari ☐ 4. Sharda
Q.17	Who became the first Indian woman to be inducted into the ICC Hall of Fame?
Ans	☒ 1. Diana Edulji ☐ 2. Purnima Rau ☐ 3. Mithali Raj ☐ 4. Jhulan Goswami
Q.18	Which bonding material was mainly used to join the stones or bricks of 'The Great Bath' of the Harappan Civilisation?
Ans	☒ 1. Gypsum Mortar ☐ 2. Lime Mortar ☐ 3. Mud Mortar ☐ 4. Gauged Mortar
Q.19	Who is the chairman of the State Planning Board?
Ans	☐ 1. Governor ☐ 2. Advocate General ☒ 3. Chief Minister ☐ 4. Speaker
Q.20	According to the Census of India 2011, what was the total population of India?
Ans	☐ 1. 1.11 billion ☒ 2. 1.21 billion ☐ 3. 1.41 billion ☐ 4. 98.6 billion
Q.21	Who among the following personalities from the Carnatic Music correctly represent the 'Trinity of Carnatic Music'?
Ans	☐ 1. Manambuchavadi Venkatasubbayyar, Tyagaraja and Muthuswami Dikshitar ☒ 2. Tyagaraja, Muthuswami Dikshitar and Syama Sastri ☐ 3. Purandardas, Annamacharya and Tyagaraja ☐ 4. MS Subbalakshmi, DK Pattammal and ML Vasanthakumari
Q.22	In January 2023, who was sworn in as the Chief Minister of Bihar for the ninth time?
Ans	☐ 1. Tejaswi Yadav ☐ 2. Sushil Modi ☐ 3. Lalu Yadav ☒ 4. Nitish Kumar
Q.23	Revenue account includes items related to the _____.
Ans	☒ 1. all of the given options ☐ 2. next financial year ☐ 3. current financial year ☐ 4. previous financial year
Q.24	Which of the following is NOT a Fundamental Duty mentioned in the Indian constitution?
Ans	☐ 1. To abide by the Constitution and respect its ideals and institutions, the National Flag, National Anthem ☐ 2. To uphold and protect the sovereignty, unity and integrity of India ☒ 3. To obey parents and discharge our family responsibilities ☐ 4. To cherish and follow the noble ideals which inspired our national struggle for freedom

Q.25 The 'Rath Yatra' festival of Puri is celebrated as the sacred journey of which of the following Hindu deities?

- Ans**
-  1. Lord Shiva
 -  2. Lord Jagannath
 -  3. Lord Rama
 -  4. Lord Brahma

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence.

It is worth noting that the possible from him being voted as the class monitor is next to zero.

- Ans**
-  1. possibility at him
 -  2. possible of him
 -  3. possibly of him
 -  4. possibility of him

Q.2 Select the most appropriate idiom to fill in the blank.

Despite the setbacks, the team decided to persevere and keep working on the project, believing it could be a _____ for their company.

- Ans**
-  1. beat around the bush
 -  2. wild goose chase
 -  3. needle in a haystack
 -  4. game-changer

Q.3 Select the **INCORRECTLY** spelt word.

- Ans**
-  1.
Consider
 -  2.
Cuorse
 -  3.
Necessary
 -  4.
Personal

Q.4 Select the most appropriate meaning of the given idiom.

An axe to grind

- Ans**
-  1. To make a supreme effort
 -  2. Bitterly hostile
 -  3. To tackle a problem in a bold and direct fashion
 -  4. To have a selfish reason that influences the actions

Q.5 Select the most appropriate option to fill in the blank.

"It's really _____ to incorporate changes at the last minute," she said.

- Ans**
-  1. difficult
 -  2. difficulty
 -  3. difficulties
 -  4. most difficult

Q.6 Select the most appropriate **ANTONYM** for the given word.

Merciful

- Ans**
-  1. Cruel
 -  2. Cunning
 -  3. Mild
 -  4. Magical

Q.7 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options. Select the correct alternative.
The speech you made today was sillier and irrelevant.

- Ans**
- ☐ 1. most silly
 - ☐ 2. more silly
 - ☒ 3. silly
 - ☐ 4. silliest

Q.8 The following sentence has been divided into four segments. One of them contains an error. Select the segment that contains the error from the given options.
She has been speaking / to him on / the subject / many times.

- Ans**
- ☐ 1. the subject
 - ☒ 2. She has been speaking
 - ☐ 3. many times
 - ☐ 4. to him on

Q.9 Select the most appropriate synonym of the given word.

Diligent

- Ans**
- ☐ 1. Positive
 - ☐ 2. Lazy
 - ☐ 3. Noisy
 - ☒ 4. Industrious

Q.10 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

She showed this plant and talked about it's medicinal properties.

- Ans**
- ☐ 1. it's medical proprieties
 - ☒ 2. its medicinal properties
 - ☐ 3. their medical properties
 - ☐ 4. it's medical properties

Q.11 Select the most appropriate ANTONYM of the given word.

Evasive

- Ans**
- ☐ 1. Chaotic
 - ☒ 2. Truthful
 - ☐ 3. Obscure
 - ☐ 4. Elusive

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

The act of transferring one's authority to another

- Ans**
- ☐ 1. Assignee
 - ☐ 2. Mediarary
 - ☐ 3. Agency
 - ☒ 4. Delegation

Q.13 Select the most appropriate ANTONYM of the word 'yelling' in the given sentence.

The shouting and exclaiming gestures of Smita led to the whispering regarding her behaviour, and everyone in the party started monitoring her.

- Ans**
- ☒ 1. shouting
 - ☒ 2. whispering
 - ☒ 3. monitoring
 - ☒ 4. exclaiming

Q.14 Select the most appropriate idiom that can substitute the highlighted words in the given sentence.

His sudden departure left us in a difficult situation; it was like he suddenly took away important support from us.

- Ans**
- ☒ 1. pulled the rug out
 - ☒ 2. got his act together
 - ☒ 3. hit the nail on the head
 - ☒ 4. hit the sack

Q.15 Select the option that rectifies the spelling of the underlined word in the given sentence.

She always wears a bizzare combination of clothes.

- Ans**
- ☒ 1. Bizarre
 - ☒ 2. Bizare
 - ☒ 3. Bizzar
 - ☒ 4. Bizaar

Q.16 Select the most appropriate synonym of the word 'isolated' from the given sentence.

A Greek mythological story says that Echo was the most beautiful nymph who lived in the lovely and lonely mountains of Greece and is believed to be garrulous too.

- Ans**
- ☒ 1. Lonely
 - ☒ 2. Lovely
 - ☒ 3. Garrulous
 - ☒ 4. Beautiful

Q.17 The given sentence is divided into three segments. Select the option that has the segment with a grammatical error. If there is no error, select 'No error'.

She learnt / how to play a piano / when she was in Class 6th.

- Ans**
- ☒ 1. how to play a piano
 - ☒ 2. She learnt
 - ☒ 3. when she was in Class 6th.
 - ☒ 4. No error

Q.18 Select the option that expresses the given sentence in simple future tense form.

I loved.

- Ans**
- ☒ 1. I had loved.
 - ☒ 2. I shall be loving.
 - ☒ 3. I will love.
 - ☒ 4. I love.

Q.19 Select the most appropriate adjective to fill in the blank.

The judge declared that the red car went _____ than the blue car.

- Ans**
- ☒ 1. farthest
 - ☒ 2. farther
 - ☒ 3. more far
 - ☒ 4. far

Q.20 Select the correctly spelt word.

- Ans**
- ☒ 1. Embarrassment
 - ☐ 2. Acommodate
 - ☐ 3. Ocassion
 - ☐ 4. Recieve

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In a small village, lived a milkmaid _____1_____ sold the milk that she _____2_____ from her cows. She _____3_____ carry the milk in a big mud pitcher. One day, as she was walking _____4_____ the big pitcher full of milk on her head, she started to imagine all the things she wished to do with the money she would _____5_____ from selling the milk.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. that
 - ☐ 2. which
 - ☐ 3. whose
 - ☒ 4. who

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In a small village, lived a milkmaid _____1_____ sold the milk that she _____2_____ from her cows. She _____3_____ carry the milk in a big mud pitcher. One day, as she was walking _____4_____ the big pitcher full of milk on her head, she started to imagine all the things she wished to do with the money she would _____5_____ from selling the milk.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. got
 - ☐ 2. bought
 - ☐ 3. drank
 - ☐ 4. brought

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In a small village, lived a milkmaid _____1_____ sold the milk that she _____2_____ from her cows. She _____3_____ carry the milk in a big mud pitcher. One day, as she was walking _____4_____ the big pitcher full of milk on her head, she started to imagine all the things she wished to do with the money she would _____5_____ from selling the milk.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. will
 - ☐ 2. can
 - ☒ 3. would
 - ☐ 4. should

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In a small village, lived a milkmaid _____1_____ sold the milk that she _____2_____ from her cows. She _____3_____ carry the milk in a big mud pitcher. One day, as she was walking _____4_____ the big pitcher full of milk on her head, she started to imagine all the things she wished to do with the money she would _____5_____ from selling the milk.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. on
 - ☐ 2. in
 - ☒ 3. with
 - ☐ 4. by

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In a small village, lived a milkmaid _____1_____ sold the milk that she _____2_____ from her cows. She _____3_____ carry the milk in a big mud pitcher. One day, as she was walking _____4_____ the big pitcher full of milk on her head, she started to imagine all the things she wished to do with the money she would _____5_____ from selling the milk.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. throw
 -  2. earn
 -  3. dig
 -  4. catch

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	29/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 An item was sold for ₹40 with a profit of 15%. If it were sold for ₹36, then what would have been the percentage of profit or loss? (rounded off to 1 decimal places).

- Ans**
- ☐ 1. Profit 4.7%
 - ☐ 2. Loss 3.7%
 - ☐ 3. Loss 4.5%
 - ☒ 4. Profit 3.5%

Q.2 Find the simple interest (in ₹) on ₹4000 as a sum borrowed at 4% per year rate of interest for 2 years.

- Ans**
- ☐ 1. 360
 - ☒ 2. 320
 - ☐ 3. 280
 - ☐ 4. 260

Q.3 Express 29.5% as a ratio in the simplest form.

- Ans**
- ☐ 1. 100 : 59
 - ☒ 2. 59 : 200
 - ☐ 3. 59 : 100
 - ☐ 4. 200 : 59

Q.4 The average of 7 numbers is 10.8. If the average of the first three be 10.5 and that of the last three is 11.4, find the value of the middle number.

- Ans**
- ☐ 1. 9.5
 - ☒ 2. 9.9
 - ☐ 3. 9.7
 - ☐ 4. 9.8

Q.5 A man sold his watch for ₹190 thus bearing a loss of 5%. The cost price of the watch is:

- Ans**
- ☐ 1. ₹210
 - ☐ 2. ₹237.50
 - ☐ 3. ₹220
 - ☒ 4. ₹200

Q.6 Three cubes of sides 1 cm, 6 cm and 8 cm are melted to form a new cube. Find one-fourth of the surface area of the new cube.

- Ans**
- ☐ 1. 101.5 cm²
 - ☐ 2. 111.5 cm²
 - ☒ 3. 121.5 cm²
 - ☐ 4. 131.5 cm²

Q.7 The lengths of two sides of a parallelogram are 6 cm and 20 cm. What is the sum of the squares of the diagonals of the parallelogram (in cm^2)?

- Ans**
- ☒ 1. 872
 - ☐ 2. 782
 - ☐ 3. 800
 - ☐ 4. 728

Q.8 Find the simple interest (in ₹) on ₹4000 as a sum borrowed at 4% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 600
 - ☐ 2. 680
 - ☒ 3. 640
 - ☐ 4. 580

Q.9 If P is a prime number, then the LCM of P and its successive number would be:

- Ans**
- ☐ 1. $P + 1$
 - ☒ 2. $P(P + 1)$
 - ☐ 3. P
 - ☐ 4. $\frac{P}{(P + 1)}$

Q.10 The marked price of an item is 50% more than its cost price. The shopkeeper offers two successive discounts of 10% and 15%. What is his profit percentage?

- Ans**
- ☒ 1. 14.75%
 - ☐ 2. 15.75%
 - ☐ 3. 15%
 - ☐ 4. 12.75%

Q.11 The LCM of two numbers is 15 times their HCF. The sum of the LCM and HCF is 800. Find the other number if one number is 250.

- Ans**
- ☐ 1. 175
 - ☒ 2. 150
 - ☐ 3. 225
 - ☐ 4. 100

Q.12 If the radius of a right circular cylinder is decreased by 40% and its height is increased by 75%, its volume will be decreased by:

- Ans**
- ☐ 1. 57%
 - ☐ 2. 65%
 - ☐ 3. 35%
 - ☒ 4. 37%

Q.13 The average of 10 observations is 46. It was realised later that an observation was misread as 42 in place of 142. Find the correct average.

- Ans**
- ☒ 1. 56
 - ☐ 2. 65
 - ☐ 3. 54
 - ☐ 4. 45

Q.14 If $5 + x$, $2x + 7$, $6x + 9$ and y are in proportion when $x = 2$, then find the value of y .

- Ans**
- ☒ 1. 33
 - ☐ 2. 42
 - ☐ 3. 45
 - ☐ 4. 28

Q.15 The average age of 6 children and their father is 13 years, and this average is reduced by 4 years if the father is excluded. How old is the father?

- Ans**
-  1. 38 years
 -  2. 42 years
 -  3. 37 years
 -  4. 41 years

Q.16 In how many years will ₹4,000 invested at the rate of 18% per annum simple interest amounts to ₹5,800?

- Ans**
-  1. 3
 -  2. 2.5
 -  3. 3.5
 -  4. 2

Q.17 By selling an article for ₹20, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 25%?

- Ans**
-  1. 2.73
 -  2. 3.73
 -  3. 5.73
 -  4. 4.73

Q.18 The average of 11 consecutive numbers is 30. The smallest number among these is:

- Ans**
-  1. 12
 -  2. 18
 -  3. 25
 -  4. 28

Q.19 On a circular race track of 2500 m, Sahil and Reena are running in the same direction at speeds of 27 km/h and 45 km/h, respectively. After how much time will they meet each other for the first time?

- Ans**
-  1. 480 seconds
 -  2. 530 seconds
 -  3. 500 seconds
 -  4. 450 seconds

Q.20 Two trains of lengths 108 metre and 112 metre are running at speeds of 45 km/h and 54 km/h, respectively, towards each other on parallel tracks. In how many seconds will they cross each other?

- Ans**
-  1. 9 seconds
 -  2. 10 seconds
 -  3. 12 seconds
 -  4. 8 seconds

Section : Reasoning Ability and Problem Solving

Q.1 This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.

Statements:

Some metres are litres.

No litre is a gram.

Conclusions

(I) Some grams are not metres

(II) All grams being metres is a possibility.

- Ans**
-  1. Both conclusions (I) and (II) follow
 -  2. Neither conclusion (I) nor (II) follows
 -  3. Only conclusion (I) follows
 -  4. Only conclusion (II) follows

- Q.2** What will come in the place of the question mark '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $39 + 3 \div 12 - 33 \times 11 = ?$
- Ans**  1. 3
 2. 4
 3. 5
 4. 6

- Q.3** In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

22, 64
25, 73

- Ans**  1. 32, 91
 2. 31, 91
 3. 32, 92
 4. 31, 92

- Q.4** AS 9 is related to UU 2 in a certain way. In the same way, BT 6 is related to VV -1. To which of the following is HG 9 related, following the same logic?

- Ans**  1. BG -2
 2. AI 2
 3. AJ 2
 4. BI 2

- Q.5** In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

34, 24
85, 75

- Ans**  1. 42, 31
 2. 36, 32
 3. 66, 56
 4. 54, 52

- Q.6** Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
Some books are notes.
All notes are copies.

Conclusions:
(I) Some books are copies.
(II) No books is copies.

- Ans**  1. Both conclusions (I) and (II) follow.
 2. Only conclusion (I) follows.
 3. Only conclusion (II) follows.
 4. Neither conclusion (I) nor (II) follows.

Q.7 In a certain code language, 'written on paper' is written as 'ma rc gp' and 'paper and pen' is written as 'hk ma bo'. How will 'paper' be written in that language?

- Ans**
- ☒ 1. gp
 - ☒ 2. ma
 - ☒ 3. hk
 - ☒ 4. bo

Q.8 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BCD, FGH, JKL, NOP, ?

- Ans**
- ☒ 1. RQS
 - ☒ 2. RST
 - ☒ 3. QRS
 - ☒ 4. QSR

Q.9 P, Q, R, S, T and U are six friends sitting around a circular table, facing the centre (but not necessarily in the same order), having their breakfast. U is sitting exactly between Q and S and is third to the right of T. R is sitting to the immediate left of S. Who is the immediate neighbour of both P and R?

- Ans**
- ☒ 1. T
 - ☒ 2. Q
 - ☒ 3. S
 - ☒ 4. U

Q.10 What will come in place of the question mark (?) of the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$17 - 9 + 20 \times 4 \div 5 = ?$$

- Ans**
- ☒ 1. 15
 - ☒ 2. 20
 - ☒ 3. 1
 - ☒ 4. 26

Q.11 23 is related to 62 following a certain logic. Following the same logic, 37 is related to 104. To which of the following is 19 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 50
 - ☒ 2. 57
 - ☒ 3. 42
 - ☒ 4. 38

Q.12 TOVR is related to UPWS in a certain way based on the English alphabetical order. In the same way, QLSO is related to RMTP. To which of the following is NIPL related following the same logic?

- Ans**
- ☒ 1. JOMQ
 - ☒ 2. JOQM
 - ☒ 3. OJMQ
 - ☒ 4. OJQM

Q.13 In a certain code language, 'ORANGE' is written as 'LIZMTV' and 'PURPLE' is written as 'KFIKOV'. What is the code for 'MAGENTA' in the given code language?

- Ans**
- ☒ 1. NZSVMGZ
 - ☒ 2. NZTVNGZ
 - ☒ 3. NZTVMHZ
 - ☒ 4. NZTVMGZ

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All schools are colleges.

All colleges are universities.

Conclusions:

(I) All schools are universities.

(II) All colleges are schools.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☐ 2. Both conclusion I and II follow
 - ☒ 3. Only conclusion I follows
 - ☐ 4. Neither conclusion I nor II follows

Q.15 What should come in place of the question mark (?) in the following series?
263, 268, 278, 293, 313, ?

- Ans**
- ☐ 1. 341
 - ☒ 2. 338
 - ☐ 3. 340
 - ☐ 4. 339

Q.16 S, U, B, J, E, C and T are sitting around a circular table facing the center (but not necessarily in the same order). C is sitting to the immediate right of T. U is an immediate neighbour of both T and E. Only one person is sitting between C and S when counted from the right of C. B is sitting to the immediate left of E. Who are the immediate neighbours of J?

- Ans**
- ☐ 1. S and E
 - ☒ 2. S and C
 - ☐ 3. U and B
 - ☐ 4. B and E

Q.17 In a certain code language, 'she can sing' is written as 'dq tk dp' and 'sing with me' is written as 'az dq js'. How is 'sing' written in the given language?

- Ans**
- ☒ 1. dq
 - ☐ 2. dp
 - ☐ 3. tk
 - ☐ 4. az

Q.18 In a certain code language, 'rose are similar' is written as 'ki ko ku' and 'rose has thorns' is coded as 'ke ki ka'. How is 'rose' coded in that language?

- Ans**
- ☐ 1. ku
 - ☒ 2. ki
 - ☐ 3. ko
 - ☐ 4. ka

Q.19 EBIF is related to KHOL in a certain way based on the English alphabetical order. In the same way, HELI is related to NKRO. To which of the following is LIPM related, following the same logic?

- Ans**
- ☐ 1. ORSV
 - ☐ 2. ROSV
 - ☐ 3. ORVS
 - ☒ 4. ROVS

Q.20 What should come in place of the question mark (?) in the given series?

4, 8, 17, 33, 58, 94, ?

- Ans**
- ☐ 1. 144
 - ☐ 2. 146
 - ☐ 3. 148
 - ☒ 4. 143

Section : **General Awareness**

Q.1 Who among the following is the author of the autobiography 'Lone Fox Dancing: My Autobiography'?

- Ans**
- ☒ 1. Ruskin Bond
 - ☐ 2. Khushwant Singh
 - ☐ 3. John Dalvi
 - ☐ 4. Brij Mohan Kaul

Q.2 In which of the following cities was the headquarters of Theosophical Society established in British India?

- Ans**
- ☐ 1. Alandur
 - ☐ 2. Ashok Nagar
 - ☐ 3. Ayanavaram
 - ☒ 4. Adyar

Q.3 The 'Mangla' oil field is located in which district of Rajasthan?

- Ans**
- ☐ 1. Bharatpur
 - ☒ 2. Barmer
 - ☐ 3. Kota
 - ☐ 4. Jaipur

Q.4 At which of the following places is the Lalbagh Flower Show organised, where thousands of flower varieties are put on display in different forms with a particular theme (which changes every year) during the exhibition?

- Ans**
- ☒ 1. Bengaluru
 - ☐ 2. Patna
 - ☐ 3. Hyderabad
 - ☐ 4. Patiala

Q.5 When did Bindusara ascend the Maurya throne?

- Ans**
- ☒ 1. 297 BCE
 - ☐ 2. 321 BCE
 - ☐ 3. 301 BCE
 - ☐ 4. 299 BCE

Q.6 Which of the following Union Territories of India marks the lowest poverty in National Multidimensional Poverty Index: A Progress Review 2023?

- Ans**
- ☐ 1. Lakshdweep
 - ☐ 2. Chandigarh
 - ☐ 3. Delhi
 - ☒ 4. Puducherry

Q.7 Which of the following Parts of the Indian Constitution mentions about the relations between the Union and the States?

- Ans**
- ☐ 1. Part X
 - ☐ 2. Part VII
 - ☒ 3. Part XI
 - ☐ 4. Part VIII

Q.8 Sanchi stupa was rediscovered in the year _____ by General Henry Taylor.

- Ans**
- ☒ 1. 1818
 - ☐ 2. 1817
 - ☐ 3. 1819
 - ☐ 4. 1816

Q.9 If the server manages to land a legal serve and the receiver is unable to return the ball, it is known as an ace and the server gets the point. Which of the following sport is referred here?

- Ans**
- ☒ 1. Boxing
 - ☒ 2. Shooting
 - ☒ 3. Tennis
 - ☒ 4. Wrestling

Q.10 Which of the following Articles of the Constitution of India provides for the promotion of international peace and security?

- Ans**
- ☒ 1. Article 44
 - ☒ 2. Article 47
 - ☒ 3. Article 51
 - ☒ 4. Article 49

Q.11 _____ was/were the mascot(s) of the Women's Asian Hockey Champions Trophy in 2023.

- Ans**
- ☒ 1. Juhi
 - ☒ 2. Yashi
 - ☒ 3. Blaze and Tonk
 - ☒ 4. Hansa

Q.12 Women's Reservation Bill 2023 [The Constitution (One Hundred Twenty-Eighth Amendment) Bill, 2023] was introduced in Lok Sabha on _____.

- Ans**
- ☒ 1. 19 Sep 2023
 - ☒ 2. 21 Sep 2023
 - ☒ 3. 22 Sep 2023
 - ☒ 4. 20 Sep 2023

Q.13 Vedantam Satyanarayana Sarma is associated with which of the following dances?

- Ans**
- ☒ 1. Odissi
 - ☒ 2. Mohiniyattam
 - ☒ 3. Kuchipudi
 - ☒ 4. Kathakali

Q.14 Groundwater is an important source of water. The top level of the groundwater layer is called:

- Ans**
- ☒ 1. well
 - ☒ 2. sea level
 - ☒ 3. underground water
 - ☒ 4. water table

Q.15 Stunted growth, which is common in children growing up in extreme poverty, is a sure sign of _____.

- Ans**
- ☒ 1. Sleep Deprivation
 - ☒ 2. Lack of Housing
 - ☒ 3. Undernutrition
 - ☒ 4. Lack of Clothing

Q.16 Where of the following was Bal Gangadhar Tilak's Home Rule Movement active?

- Ans**
- ☒ 1. Madras
 - ☒ 2. Bihar
 - ☒ 3. Maharashtra
 - ☒ 4. Punjab

Q.17 The Narora _____ Power Station is located in Uttar Pradesh.

- Ans**
- ☒ 1. Thermal
 - ☒ 2. Atomic
 - ☒ 3. Wind
 - ☒ 4. Natural Gas

Q.18	According to Census of India 2011, which is the largest religious community in India?
Ans	✗ 1. Christians ✗ 2. Muslims ✗ 3. Sikhs ✓ 4. Hindus
Q.19	To which of the following classes of compounds does cyclohexane belong?
Ans	✗ 1. Heterocyclic compound ✗ 2. Benzenoid aromatic compound ✓ 3. Alicyclic compound ✗ 4. Non-benzenoid aromatic compound
Q.20	In November 2023, who was appointed as the Chief Information Commissioner of India?
Ans	✗ 1. Rajiv Gauba ✗ 2. Randeep Guleria ✗ 3. Arvind Subramanian ✓ 4. Heeralal Samariya
Q.21	Which Indian actress from the following, is also a popular dancer and received the Smita Patil Memorial award for her role in the movie Damini?
Ans	✗ 1. Rekha ✗ 2. Madhuri Dixit ✗ 3. Jaya Prada ✓ 4. Meenakshi Seshadri
Q.22	Which of the following is NOT a service of micro finance institution?
Ans	✓ 1. Micro deposit ✗ 2. Micro saving ✗ 3. Micro insurance ✗ 4. Micro loan
Q.23	By what name is the species of Scaphopoda Mollusca 'Dentalium' commonly known?
Ans	✗ 1. Duck mussel ✓ 2. Tusk shells ✗ 3. Head foot ✗ 4. Heart clam
Q.24	In which of the following years did the battle of Plassey take place?
Ans	✗ 1. 1787 ✓ 2. 1757 ✗ 3. 1796 ✗ 4. 1776
Q.25	Which Hindustani classical musician is credited with popularising the Sarangi as a solo classical instrument?
Ans	✗ 1. Pandit Jnan Prakash Ghosh ✓ 2. Pandit Ram Narayan ✗ 3. Pandit Shiv Kumar Sharma ✗ 4. Pandit Ravi Shankar

Section : **English Language and Comprehension**

Q.1	The following sentence has been split into four segments. Identify the segment that contains a grammatical error. The soldiers / sacrifice their lives / to guarding / the nation and its boundaries.
Ans	✗ 1. sacrifice their lives ✗ 2. The soldiers ✗ 3. the nation and its boundaries ✓ 4. to guarding

Q.2 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.
The _____(sarcastic) comments by her husband made her feel uncomfortable, and she decided to walk out of the relationship.

- Ans**
- ☒ 1. gracious
 - ☐ 2. ambiguous
 - ☐ 3. harmonious
 - ☐ 4. ruinous

Q.3 Select the most appropriate meaning of the given phrase.

Reading between the lines

- Ans**
- ☐ 1. Avoiding reading and engaging in gossips
 - ☒ 2. Understanding a deeper or hidden meaning
 - ☐ 3. Reading a book
 - ☐ 4. Taking things literally

Q.4 Select the correct idiom to substitute the underlined segment in the following sentence.
Roma was the dearest child of her parents.

- Ans**
- ☐ 1. At sixes and sevens with her parents
 - ☐ 2. The body and soul of her parents
 - ☒ 3. The apple of her parents' eyes
 - ☐ 4. The star of her parents' eyes

Q.5 Select the INCORRECTLY spelt word.

Majority of communication satellites are placed in geostationary orbits around the earth, which means that their speed matches the rate of its rotation.

- Ans**
- ☒ 1. Satelites
 - ☐ 2. Rotation
 - ☐ 3. Communication
 - ☐ 4. Geostationary

Q.6 Select the correctly spelled sentence.

- Ans**
- ☐ 1. The libraian told the childrean to return their books by Friday.
 - ☒ 2. The librarian told the children to return their books by Friday.
 - ☐ 3. The librarian told the childern to return their books by Fryday.
 - ☐ 4. The liberian told the childrean to return their boooks by Friday.

Q.7 Select the option that can be used as a one-word substitute for the given phrase.
One who is a newcomer

- Ans**
- ☐ 1. Narcissist
 - ☒ 2. Neophyte
 - ☐ 3. Polyglot
 - ☐ 4. Nepotist

Q.8 Select the most appropriate option to fill in the blank.

The sudden plot twist in the story added an element of _____ that kept readers on the edge of their seats.

- Ans**
- ☐ 1. predictability
 - ☒ 2. ambiguity
 - ☐ 3. redundancy
 - ☐ 4. monotony

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The dog / eager wagged / its tail when / it saw its owner.

- Ans**
- ☐ 1. The dog
 - ☒ 2. eager wagged
 - ☐ 3. its tail when
 - ☐ 4. it saw its owner

Q.10 Select the most appropriate synonym of the underlined word in the following sentence.
She is an epitome of grace.

- Ans**
- ☐ 1. Destroyer
 - ☐ 2. Admirer
 - ☐ 3. Believer
 - ☒ 4. Example

Q.11 Identify the most appropriate ANTONYM of the word in brackets.
The teacher commended the student for his (diligent) efforts.

- Ans**
- ☒ 1. Lazy
 - ☐ 2. Industrious
 - ☐ 3. Conscientious
 - ☐ 4. Hardworking

Q.12 Parts of the following sentence have been given as options. Select the option that contains an error.
The 100-year-old banyan was blown off in the storm last night.

- Ans**
- ☐ 1. in the storm
 - ☐ 2. last night
 - ☒ 3. was blown off
 - ☐ 4. The 100-year-old banyan

Q.13 Select the most appropriate synonym of the underlined word.
The speaker delivered an engaging speech that inspired the audience.

- Ans**
- ☐ 1. unnecessary
 - ☐ 2. dreary
 - ☐ 3. important
 - ☒ 4. captivating

Q.14 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The teacher called up the class due to the sudden snowstorm.

- Ans**
- ☐ 1. called in the class
 - ☐ 2. called out the class
 - ☐ 3. called on the class
 - ☒ 4. called off the class

Q.15 Select the most appropriate synonym of the given word.
Meticulous

- Ans**
- ☐ 1. Negligent
 - ☐ 2. Random
 - ☒ 3. Precise
 - ☐ 4. Careless

Q.16 Change the following into superlative degree.

She is taller than other girls in the class.

- Ans**
- ☐ 1. She is tall girl in the class.
 - ☐ 2. No other girl in the class is as tall as she.
 - ☒ 3. She is the tallest girl in the class.
 - ☐ 4. In the class she is taller than other girls.

Q.17 Select the appropriate option that can substitute the underlined word in the following sentence to make it grammatically correct.

Meerut is farthest from Delhi.

- Ans**
- ☐ 1. farther
 - ☐ 2. more farther
 - ☒ 3. far
 - ☐ 4. most farthest

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical/spelling error.
According to Mr. Sharma / the news have come / as another blow / to the family members.

- Ans**
- ☒ 1. the news have come
 - ☐ 2. According to Mr. Sharma
 - ☐ 3. as another blow
 - ☐ 4. to the family members

Q.19 Select the most appropriate option to fill in the blank.

She had a _____ for creating beautiful artwork.

- Ans**
- ☐ 1. trigger
 - ☐ 2. post
 - ☐ 3. mode
 - ☒ 4. talent

Q.20 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Efficient
 - ☐ 2. Parliament
 - ☐ 3. Tournament
 - ☐ 4. Belligerent

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Despite her background role in the past, Ms Navalnaya has always been a crucial supporter of (1)..... husband and was instrumental in getting him out of Russia for (2)..... treatment when he was poisoned with Novichok nerve agent in 2020. She has been (3)..... as the 'First Lady' of the Russian opposition. And Alexei said himself that he could not continue his increasingly desperate and one-sided fight against the Kremlin without her. Their very public love story and family life - they have two children - (4)..... seen as an inspiration for their supporters. Yulia Ambrosimova was born in Moscow in 1976, daughter of the respected scientist Boris Ambrosimov. As economics graduate, she had a career in banking but (5)..... her job to bring up their two children when Alexei rose to prominence as an opposition politician.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. their
 - ☐ 2. hers
 - ☐ 3. them
 - ☒ 4. her

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Despite her background role in the past, Ms Navalnaya has always been a crucial supporter of (1)..... husband and was instrumental in getting him out of Russia for (2)..... treatment when he was poisoned with Novichok nerve agent in 2020. She has been (3)..... as the 'First Lady' of the Russian opposition. And Alexei said himself that he could not continue his increasingly desperate and one-sided fight against the Kremlin without her. Their very public love story and family life - they have two children - (4)..... seen as an inspiration for their supporters. Yulia Ambrosimova was born in Moscow in 1976, daughter of the respected scientist Boris Ambrosimov. As economics graduate, she had a career in banking but (5)..... her job to bring up their two children when Alexei rose to prominence as an opposition politician.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☐ 1. crazy
 - ☒ 2. urgent
 - ☐ 3. slow
 - ☐ 4. interesting

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Despite her background role in the past, Ms Navalnaya has always been a crucial supporter of (1)..... husband and was instrumental in getting him out of Russia for (2)..... treatment when he was poisoned with Novichok nerve agent in 2020. She has been (3)..... as the 'First Lady' of the Russian opposition. And Alexei said himself that he could not continue his increasingly desperate and one-sided fight against the Kremlin without her. Their very public love story and family life - they have two children - (4)..... seen as an inspiration for their supporters. Yulia Ambrosimova was born in Moscow in 1976, daughter of the respected scientist Boris Ambrosimov. As economics graduate, she had a career in banking but (5)..... her job to bring up their two children when Alexei rose to prominence as an opposition politician.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. detected
 - ☐ 2. changed
 - ☐ 3. deleted
 - ☒ 4. described

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Despite her background role in the past, Ms Navalnaya has always been a crucial supporter of (1)..... husband and was instrumental in getting him out of Russia for (2)..... treatment when he was poisoned with Novichok nerve agent in 2020. She has been (3)..... as the 'First Lady' of the Russian opposition. And Alexei said himself that he could not continue his increasingly desperate and one-sided fight against the Kremlin without her. Their very public love story and family life - they have two children - (4)..... seen as an inspiration for their supporters. Yulia Ambrosimova was born in Moscow in 1976, daughter of the respected scientist Boris Ambrosimov. As economics graduate, she had a career in banking but (5)..... her job to bring up their two children when Alexei rose to prominence as an opposition politician.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. is been
 - ☐ 2. will been
 - ☒ 3. has been
 - ☐ 4. was being

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Despite her background role in the past, Ms Navalnaya has always been a crucial supporter of (1)..... husband and was instrumental in getting him out of Russia for (2)..... treatment when he was poisoned with Novichok nerve agent in 2020. She has been (3)..... as the 'First Lady' of the Russian opposition. And Alexei said himself that he could not continue his increasingly desperate and one-sided fight against the Kremlin without her. Their very public love story and family life - they have two children - (4)..... seen as an inspiration for their supporters. Yulia Ambrosimova was born in Moscow in 1976, daughter of the respected scientist Boris Ambrosimov. As economics graduate, she had a career in banking but (5)..... her job to bring up their two children when Alexei rose to prominence as an opposition politician.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. broke down
 - ☐ 2. keep back
 - ☒ 3. gave up
 - ☐ 4. brought about

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	29/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 Find the HCF of $2^3 \times 3^3 \times 5^2 \times 7^2$, $2^4 \times 3^2 \times 5^3 \times 7^2$ and $3 \times 5 \times 7 \times 11$.

- Ans
- ☐ 1. 1260
 - ☒ 2. 105
 - ☐ 3. 360
 - ☐ 4. 1155

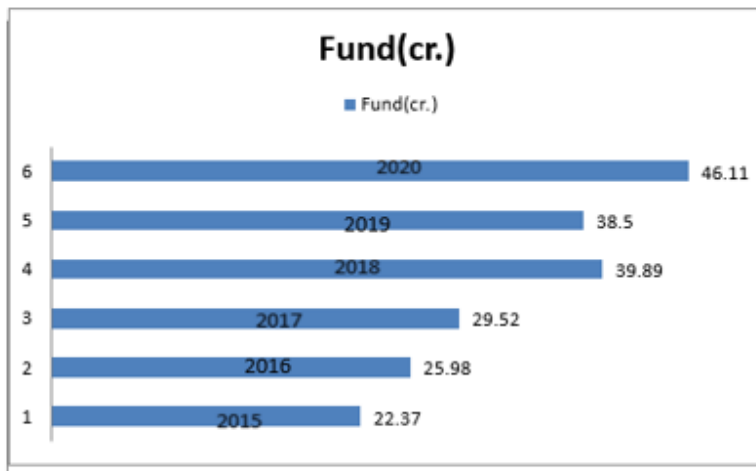
Q.2 A man's working hours per day were increased by 10% and his wages per hour were increased by 5%. By how much per cent were his daily earnings increased?

- Ans
- ☐ 1. 5%
 - ☐ 2. 12.2%
 - ☒ 3. 15.5%
 - ☐ 4. 10.3%

Q.3 By selling an article for ₹20, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 30%?

- Ans
- ☒ 1. 3.64
 - ☐ 2. 5.64
 - ☐ 3. 4.64
 - ☐ 4. 6.64

Q.4 The following bar graph represents the flow of funds of XYZ India Pvt. Ltd from 2015-2020. Calculate the percentage of average rate (approx.) of the increase in funds from 2015-2017.



- Ans
- ☐ 1. 15%
 - ☐ 2. 30%
 - ☐ 3. 32%
 - ☒ 4. 16%

Q.5 The curved surface area of a right circular cylinder is 8580 cm^2 . If the height of the cylinder is 15 cm, then find the diameter (in cm) of the circular base. (Take $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 137
 - ☐ 2. 91
 - ☒ 3. 182
 - ☐ 4. 152

Q.6 In the first 24 matches, a cricket player averages 60 runs. The overall average for all 32 matches is 80. Determine the average for the last 8 matches.

- Ans**
- ☒ 1. 140
 - ☐ 2. 120
 - ☐ 3. 130
 - ☐ 4. 110

Q.7 Refer to the following data table and answer the question. The maximum marks for each subject is 100.

Subjects	Marks Scored
Math	83
Science	51
Hindi	68
English	62
Sanskrit	71

Seven marks are to be deducted from each subject because of poor attendance. What will be the net average marks scored by the student?

- Ans**
- ☐ 1. 65
 - ☐ 2. 56
 - ☒ 3. 60
 - ☐ 4. 67

Q.8 In a circular race of 1 km, two persons X and Y start with the speed of 9 km/h and 18 km/h, respectively, at the same time from the same point. When will they meet for the first time at the starting point when running in the same direction?

- Ans**
- ☐ 1. 180 sec
 - ☒ 2. 400 sec
 - ☐ 3. 360 sec
 - ☐ 4. 240 sec

Q.9 The diameter of a hollow hemisphere is 30 cm. Water is filled in it up to its brim. When spherical lead shots each of radius 0.75 cm are dropped into the hemisphere, two-fifth of the water flows out. How many lead shots were dropped into the hemisphere?

- Ans**
- ☒ 1. 1600
 - ☐ 2. 1380
 - ☐ 3. 2250
 - ☐ 4. 1575

Q.10 The money invested by Gopal at simple interest amounts to ₹16,150 in 3 years and to ₹16,540 in 4 years. What was the principal amount invested by him?

- Ans**
- ☐ 1. ₹18,150
 - ☒ 2. ₹14,980
 - ☐ 3. ₹16,150
 - ☐ 4. ₹11,150

Q.11 A retailer offers the following discount schemes for buyers on an article. Which scheme will be least beneficial to the customer?

i. A discount of 30%.

ii. A discount of 22% followed by a discount of 8%.

iii. Successive discounts of 25% and 5%.

Ans  1. Scheme i

 2. Scheme ii

 3. Scheme ii and scheme iii

 4. Scheme iii

Q.12 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 4% per year rate of interest for 2 years.

Ans  1. 160

 2. 200

 3. 240

 4. 140

Q.13 Arjun mixed three different oils to form a mixture costing ₹25 per litre. The ratio of the three varieties of oil was 1 : 5 : 2. What is the cost (per litre in ₹) of the second variety if the cost per litre of the first and third varieties was ₹20 and ₹30, respectively?

Ans  1. 24

 2. 26

 3. 25

 4. 28

Q.14 What sum (in ₹) will earn a simple interest of ₹240 in 4 years at 16% per year rate of interest?

Ans  1. 800

 2. 500

 3. 750

 4. 375

Q.15 In a math exam, two students scored 95, six students scored 90, three students scored 80, and one student scored 50. What was the average score of the class?

Ans  1. 82

 2. 96.25

 3. 78.75

 4. 85

Q.16 A vendor bought candies at ₹5 each. At what price must he sell to make 20% profit?

Ans  1. ₹5.75

 2. ₹6.00

 3. ₹5.25

 4. ₹5.50

Q.17 The radii of the bases of two cylinders and their heights are in the ratio 4 : 3 and 9 : 8, respectively. Find the ratio of their curved surface areas.

Ans  1. 5 : 6

 2. 3 : 2

 3. 2 : 3

 4. 4 : 5

Q.18 Two athletes X and Y are jogging on a circular path whose circumference is 500 m. Athlete X jogs at a speed of 18 km/h and Y jog at 9 km/h, jogging in opposite directions. The time at which they will meet for the first time is:

Ans  1. 200 s

 2. 27.77 s

 3. 66.66 s

 4. 50 s

Q.19 A grocer wishes to sell a mixture of two varieties of rice worth ₹48 per kg. In what ratio must he mix the rice to reach this selling price when the cost of one variety of rice is ₹42 per kg and the other is ₹60 per kg?

- Ans**
- ☒ 1. 2 : 1
 - ☐ 2. 3 : 2
 - ☐ 3. 1 : 2
 - ☐ 4. 2 : 3

Q.20 If P ($P > 0$) is the least possible number that must be subtracted from 7, 9, and 12 so that the resulting numbers are in continued proportion, then the value of $P^2 + 1$ is:

- Ans**
- ☐ 1. 12
 - ☐ 2. 8
 - ☐ 3. 3
 - ☒ 4. 10

Section : Reasoning Ability and Problem Solving

Q.1 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$24 \times 12 - 5 \div 2 + 7 = ?$$

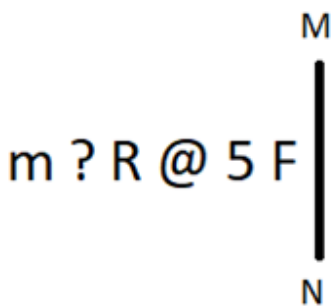
- Ans**
- ☐ 1. 7
 - ☐ 2. 8
 - ☒ 3. 5
 - ☐ 4. 3

Q.2 Select the set in which the numbers are related in the same way as are the numbers of the given sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(38, 31, 47)
(42, 35, 51)

- Ans**
- ☐ 1. (33, 24, 30)
 - ☐ 2. (29, 21, 39)
 - ☐ 3. (46, 40, 49)
 - ☒ 4. (54, 47, 63)

Q.3 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

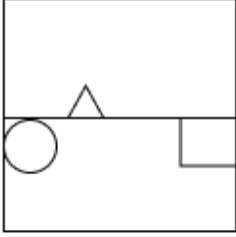


- Ans**
- ☐ 1. F @ 5 R ? m
 - ☐ 2. F 5 @ R ? m
 - ☒ 3. F ? @ R ? m
 - ☐ 4. F ? @ R ? m

Q.4 10 is related to 6 following a certain logic. Following the same logic, 14 is related to 8. To which of the following is 24 related following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 15
 - ☒ 2. 11
 - ☒ 3. 16
 - ☒ 4. 13

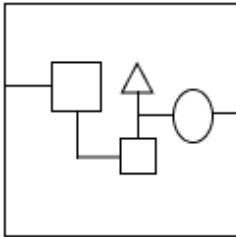
Q.5 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



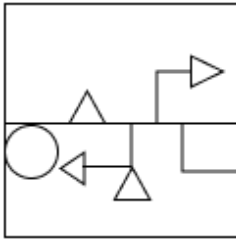
(X)

Ans

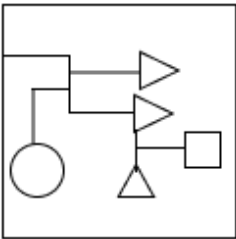
☒ 1.



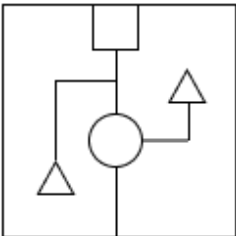
☒ 2.



☒ 3.



☒ 4.



Q.6 In a code language, 'ZHBN' is coded as 'BEFI' and 'LFWJ' is coded as 'NCAE'. How will 'HVDK' be coded in that language?

- Ans**
- ☒ 1. JTHD
 - ☒ 2. KTJD
 - ☒ 3. KSIF
 - ☒ 4. JSHF

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some mugs are cups.

No paper is a mug.

Conclusions:

(I) Some cups are mugs.

(II) No paper is a cup.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows
 - ☒ 2. Only conclusion (I) follows
 - ☒ 3. Both conclusions (I) and (II) follow
 - ☒ 4. Only conclusion (II) follows

Q.8 Identify the figure given in the options which when put in place of ? will logically complete the series.



Ans

☒ 1.



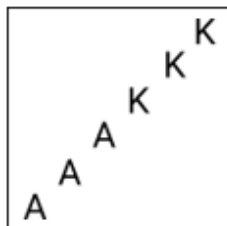
☒ 2.



☒ 3.



☒ 4.



Q.9 TVRM is related to VUPN in a certain way based on the English alphabetical order. In the same way, ROEP is related to TNCQ. To which of the following is KOCB related, following the same logic?

- Ans**
- ☒ 1. NMBC
 - ☒ 2. MNBC
 - ☒ 3. NMAC
 - ☒ 4. MNAC

Q.10 What should come in place of the question mark (?) in the given series based on the English alphabetical order ?

DEF, JKL, PQR, VWX, ?

- Ans**
-  1. ZBE
 -  2. BCD
 -  3. UWZ
 -  4. YZB

Q.11 Which of the following interchanges of signs would make the given equation correct?
 $25 - 63 \div 3 + 7 \times 5 = 11$

- Ans**
-  1. - and $\times$
 -  2. + and $\div$
 -  3. $\div$ and -
 -  4. + and -

Q.12 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order) . Only C sits between G and E. E sits third to the left of F. D sits to the immediate left of F. B is not an immediate neighbour of E.

Who sits second to the right of A?

- Ans**
-  1. B
 -  2. C
 -  3. F
 -  4. D

Q.13 Six employees Dhiraj, Roshan, Satish, Pawan, Tarun and Niraj are sitting around a circular table, facing the centre (but not necessarily in the same order). Satish is sitting to the immediate right of Pawan. Niraj is sitting second to the left of Satish. Tarun is sitting to the immediate left of Niraj. Only Tarun is sitting between Niraj and Roshan. Who is sitting between Satish and Roshan?

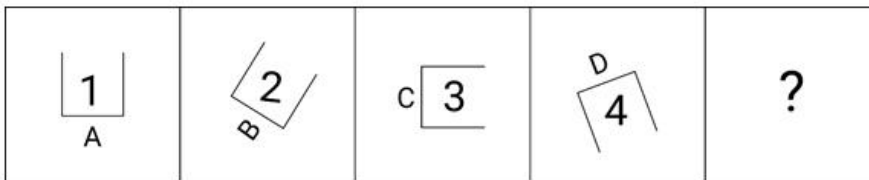
- Ans**
-  1. Tarun
 -  2. Niraj
 -  3. Pawan
 -  4. Dhiraj

Q.14 What should come in place of the question mark (?) in the given series?

46, 44, 40, 38, 34, 32, ?

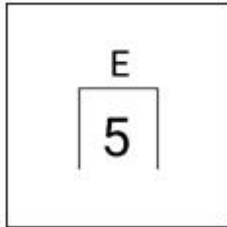
- Ans**
-  1. 26
 -  2. 30
 -  3. 24
 -  4. 28

Q.15 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.

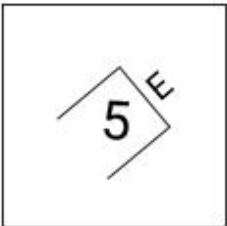


Ans

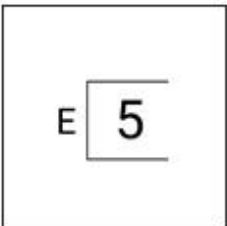
✓ 1.



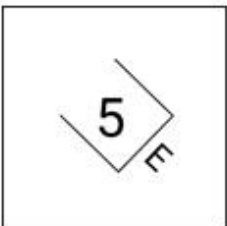
✗ 2.



✗ 3.



✗ 4.



Q.16 In a certain code language, 'BUSY' is coded as '8642' and 'SIDE' is coded as '7536'. What is the code for 'S' in the given code language?

- Ans
- ✗ 1. 5
 - ✓ 2. 6
 - ✗ 3. 7
 - ✗ 4. 4

Q.17 In a certain code language, 'i am infinite' is written as 'la ma ra' and 'universe is infinite' is written as 'ra ba ta'. How is 'infinite' written in the given code language?

- Ans
- ✗ 1. la
 - ✗ 2. ma
 - ✓ 3. ra
 - ✗ 4. ba

Q.18 VOA H is related to YPBK in a certain way based on the English alphabetical order. In the same way, RGDS is related to UHEV. To which of the following is IBXC related, following the same logic?

- Ans
- ✗ 1. MDYG
 - ✓ 2. LCYF
 - ✗ 3. NEZF
 - ✗ 4. KCZD

Q.19 In a code language, 'JSCQ' is coded as 'MNJH' and 'BYTE' is coded as 'ETAV'. How will 'SEWX' be coded in that language?

- Ans**
- ☒ 1. WXEM
 - ☒ 2. VZDO
 - ☒ 3. VXDM
 - ☒ 4. WZEO

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All puppies are dogs.

All dogs are animals.

Conclusions:

I. All animals are puppies.

II. Some dogs are not puppies.

- Ans**
- ☒ 1. Only conclusion I follows
 - ☒ 2. Neither conclusion I nor II follows
 - ☒ 3. Both conclusions I and II follow
 - ☒ 4. Only conclusion II follows

Section : **General Awareness**

Q.1 The Union Territory of Puducherry is located in which of the following river basins?

- Ans**
- ☒ 1. Karishna
 - ☒ 2. Kaveri
 - ☒ 3. Mahanadi
 - ☒ 4. Yamuna

Q.2 In which of the following books has the author described the horrors of the holocaust and the Second World War?

- Ans**
- ☒ 1. The Diary of a young girl
 - ☒ 2. I know why the caged bird sings
 - ☒ 3. Long walk to freedom
 - ☒ 4. Dreams from my father

Q.3 Who among the following was the Sultan of Delhi when Bahmani kingdom was founded in 1347 CE?

- Ans**
- ☒ 1. Ghiyasuddin Tughlaq
 - ☒ 2. Mubarak Shah Khalji
 - ☒ 3. Muhammad bin Tughlaq
 - ☒ 4. Bahlul Lodi

Q.4 Which house is considered as lower house in State Legislature?

- Ans**
- ☒ 1. Rajya Sabha
 - ☒ 2. Lok Sabha
 - ☒ 3. Vidhan Parishad
 - ☒ 4. Vidhan Sabha

Q.5 Which of the following is NOT included in the national income?

- Ans**
- ☒ 1. Income received by a person for the use of his capital
 - ☒ 2. Income received by a household for the use of their entrepreneurial skill
 - ☒ 3. Income received by a household for the use of their land
 - ☒ 4. Income received by a person as a donation

Q.6 Among the following Para athletes, which athlete is associated with the High Jump event?

- Ans**
- ☒ 1. Mariyappan Thangavelu
 - ☒ 2. Avani Lekhara
 - ☒ 3. Deepa Malik
 - ☒ 4. Ajeet Singh Yadav

Q.7 Name the social reformer of Bengal who played crucial role in the enactment of the Hindu Widows' Remarriage Act 1856.

- Ans**
- ☐ 1. Swami Vivekananda
 - ☐ 2. Rabindranath Tagore
 - ☒ 3. Ishwarchandra Vidyasagar
 - ☐ 4. Satyendra Nath Bose

Q.8 Jon Beel mela is held every year in which of the following states?

- Ans**
- ☒ 1. Assam
 - ☐ 2. Telangana
 - ☐ 3. Arunachal Pradesh
 - ☐ 4. Haryana

Q.9 M Balamuralikrishna was awarded Padma Vibhushan in 1991 for which of the following fields?

- Ans**
- ☐ 1. Jazz music
 - ☐ 2. Hindustani music
 - ☒ 3. Carnatic music
 - ☐ 4. Folk music

Q.10 According to the Census of India 2011, which state has the highest sex ratio?

- Ans**
- ☐ 1. Karnataka
 - ☐ 2. Andhra Pradesh
 - ☐ 3. Tamil Nadu
 - ☒ 4. Kerala

Q.11 In 2023, the Government of India proposed 'Amrit Dharohar Scheme' to be implemented over the next _____ to encourage optimal use of wetlands and enhance bio-diversity, carbon stock, eco-tourism opportunities and income generation for local communities.

- Ans**
- ☐ 1. Seven Years
 - ☐ 2. Two Years
 - ☒ 3. Three Years
 - ☐ 4. Five Years

Q.12 Which of the following is NOT true regarding the Swaran Singh Committee?

- Ans**
- ☐ 1. The Swaran Singh Committee was set up in 1976.
 - ☐ 2. The committee was established during Indira Gandhi's Government
 - ☐ 3. The 42nd Constitutional Amendment Act was based on its recommendations.
 - ☒ 4. It suggested nine items as duties of the citizens.

Q.13 According to Census of India 2011, in which of the following Union Territories was the sex ratio recorded at 1037 females per 1000 males?

- Ans**
- ☐ 1. Lakshadweep
 - ☒ 2. Puducherry
 - ☐ 3. Chandigarh
 - ☐ 4. Andaman and Nicobar Islands

Q.14 Who built an elegant two-storey 'ship palace' between two reservoirs named Jahaaz Mahal?

- Ans**
- ☐ 1. Sultan Alaud-Din Khalji
 - ☐ 2. Sultan Ghiyasuddin Tughlaq
 - ☐ 3. Sultan Muhammad Bin Tughlaq
 - ☒ 4. Sultan Ghiyasuddin Khilji

Q.15 What is the name of the process of organic matter being broken down into simpler compounds by decomposers?

- Ans**
- ☐ 1. Photosynthesis
 - ☒ 2. Decomposition
 - ☐ 3. Respiration
 - ☐ 4. Fermentation

Q.16 Teejan Bai is associated with which of the following dances?

- Ans**
- ☒ 1. Pandvani
 - ☐ 2. Garba
 - ☐ 3. Jhumar
 - ☐ 4. Bagurumba

Q.17 In which of the following cities of India was the first successful textile mill established?

- Ans**
- ☒ 1. Mumbai
 - ☐ 2. Chennai
 - ☐ 3. Kolkata
 - ☐ 4. Ludhiana

Q.18 0.25 g of an organic compound gave 0.13 g of water after complete combustion. The percentage composition of hydrogen is _____.

- Ans**
- ☐ 1. 52.00%
 - ☐ 2. 4.58%
 - ☒ 3. 5.78%
 - ☐ 4. 11.11%

Q.19 Chip, Condor, Duff and Driver are some of the terms used in _____.

- Ans**
- ☐ 1. Horse Polo
 - ☒ 2. Golf
 - ☐ 3. Chess
 - ☐ 4. Swimming

Q.20 Which of the following Acts was provided for the establishment of a federal court in India?

- Ans**
- ☐ 1. The Indian Councils Act of 1909
 - ☒ 2. The Government of India Act of 1935
 - ☐ 3. The Government of India Act of 1919
 - ☐ 4. The Regulating Act of 1773

Q.21 Several biological processes are catalysed by enzymes. Digestive enzymes are present in which part of the cell?

- Ans**
- ☒ 1. Lysosomes
 - ☐ 2. Mitochondria
 - ☐ 3. Ribosome
 - ☐ 4. Golgi complex

Q.22 The Thermohaline Circulation directly influences which of the following crucial environmental factors all over the world?

- Ans**
- ☐ 1. The landforms
 - ☐ 2. Pollution in the air
 - ☒ 3. The climate
 - ☐ 4. Natural resources

Q.23 Proposed in 2023-24, which section of the Income Tax Act of 1961 exempts senior citizens aged 75 years and above from filing income tax returns?

- Ans**
- ☐ 1. Section 80c
 - ☐ 2. Section 139A
 - ☐ 3. Section 234C
 - ☒ 4. Section 194P

Q.24 Who among the following received the Sangeet Natak Akademi Amrit Award 2022 for Kuchipudi dance?

- Ans**
- ☐ 1. Kumkum Lal
 - ☐ 2. Charan Girdhar Chand
 - ☒ 3. Smita Rajeshbhai Shastri
 - ☐ 4. Makhan Chandra Borah

Q.25 Which ruler succeeded Chandragupta Maurya in 297 BCE?

- Ans**
- ☐ 1. Kanishka
 - ☐ 2. Ashoka
 - ☐ 3. Kumaragupta
 - ☒ 4. Bindusara

Section : **English Language and Comprehension**

Q.1 Select the most appropriate set of words to fill the blanks.

I was trying to _____ a pen to sign a form as my brother had been _____ Rupees 500 for breaking the traffic rules.

- Ans**
- ☐ 1. fined; find
 - ☒ 2. find; fined
 - ☐ 3. fined; fined
 - ☐ 4. find; find

Q.2 Select the INCORRECTLY spelt word..

- Ans**
- ☒ 1. Manoeuvre
 - ☐ 2. Occurrence
 - ☐ 3. Embarrassment
 - ☐ 4. Consistent

Q.3 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Abhay's humility towards the poor and needy people of his locality is really admirable.

- Ans**
- ☐ 1. Sincerity
 - ☒ 2. Arrogance
 - ☐ 3. Modesty
 - ☐ 4. Amicability

Q.4 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Detrimental
 - ☐ 2. Regimental
 - ☒ 3. Fundementel
 - ☐ 4. Transcendental

Q.5 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.

The house seemed much far than she expected.

- Ans**
- ☐ 1. farer
 - ☒ 2. farther
 - ☐ 3. more far
 - ☐ 4. farthest

Q.6 Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.

The town, where Haruki lived, stood in imminent danger of tidal waves.

- Ans**
- ☒ 1. impending
 - ☐ 2. prominent
 - ☐ 3. immaculate
 - ☐ 4. eminent

Q.7 Select the option that can be used as one-word substitute for the given group of words

A policy that separates people on the basis of race

- Ans**
- ☐ 1. Apostle
 - ☐ 2. Apostasy
 - ☐ 3. Apiary
 - ☒ 4. Apartheid

Q.8 Select the most appropriate meaning of the idiom from the options given below.
A square peg in a round hole

- Ans**
- ☒ 1. a person who is criminal by nature
 - ☒ 2. a person who is bankrupt
 - ☒ 3. a person who fits the job
 - ☒ 4. a person who does not fit the job

Q.9 Correct the underlined part of the sentence.

They have a few juice in the jar.

- Ans**
- ☒ 1. little
 - ☒ 2. fewer
 - ☒ 3. lesser
 - ☒ 4. least

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

The method and practice of teaching

- Ans**
- ☒ 1. Learning
 - ☒ 2. Pedagogy
 - ☒ 3. Strategy
 - ☒ 4. Objective

Q.11 Select the most appropriate synonym of the given word.
Ephemeral

- Ans**
- ☒ 1. Permanent
 - ☒ 2. persistent
 - ☒ 3. Durable
 - ☒ 4. Fleeting

Q.12 Select the most appropriate meaning of the given phrase.
Feel the pinch

- Ans**
- ☒ 1. Experience hardship
 - ☒ 2. Give pain
 - ☒ 3. Raise quality
 - ☒ 4. Demand something

Q.13 Select the most appropriate option that can substitute the underlined words in the given sentence.

Raman is as worse as Raju in solving mathematical problems.

- Ans**
- ☒ 1. bad
 - ☒ 2. worsen
 - ☒ 3. best
 - ☒ 4. worst

Q.14 Identify the ANTONYM of the word in brackets.
The athlete's (languid) performance disappointed the fans as well as coaches.

- Ans**
- ☒ 1. Lethargic
 - ☒ 2. Listless
 - ☒ 3. Relaxed
 - ☒ 4. Vigorous

Q.15 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

While I was teaching the elder one, the younger one take an opportunity and ran away.

- Ans**
- ☒ 1. the younger one has taken an opportunity and ran away
 - ☒ 2. the younger one took an opportunity and ran away
 - ☒ 3. the younger one will take an opportunity and ran away
 - ☒ 4. No substitution

Q.16 Select the most appropriate option to fill in the blank.
The arrangements of the little boy's birthday party were _____ nice. We could not help but appreciate it.

- Ans**
- ☐ 1. many
 - ☐ 2. few
 - ☒ 3. extremely
 - ☐ 4. little

Q.17 Select the appropriate option that can substitute the underlined word in the following sentence to make it grammatically correct.

This novel is more interesting of all in the library.

- Ans**
- ☐ 1. interesting
 - ☐ 2. the more interesting
 - ☒ 3. the most interesting
 - ☐ 4. most interesting

Q.18 Rectify the sentence by selecting the correct spelling from the options.
Despite his busy scheduel, Rohit managed to complete the assignment on time.

- Ans**
- ☒ 1. schedule
 - ☐ 2. scedhule
 - ☐ 3. schedul
 - ☐ 4. schedeule

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.

This is the cheap saree in my collection.

- Ans**
- ☐ 1. most cheapest
 - ☐ 2. cheaper
 - ☐ 3. more cheap
 - ☒ 4. cheapest

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence.

This is the old tree in the colony.

- Ans**
- ☐ 1. older
 - ☐ 2. elder
 - ☐ 3. most old
 - ☒ 4. oldest

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There lived in a town in Russia a bootmaker named Martin. He lived in a small room, half sunk _____1_____ the level of the street, with one window which _____2_____ on the street. He had lived in the same room for many years and knew many people. There was _____3_____ a pair of boots in the town and in the country for many miles _____4_____ that had not once or twice passed _____5_____ his hands.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. amidst
 - ☐ 2. beyond
 - ☒ 3. below
 - ☐ 4. inside

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There lived in a town in Russia a bootmaker named Martin. He lived in a small room, half sunk _____1_____ the level of the street, with one window which _____2_____ on the street. He had lived in the same room for many years and knew many people. There was _____3_____ a pair of boots in the town and in the country for many miles _____4_____ that had not once or twice passed _____5_____ his hands.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. opened
 - ☐ 2. arrived
 - ☐ 3. aimed
 - ☐ 4. touched

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There lived in a town in Russia a bootmaker named Martin. He lived in a small room, half sunk _____1_____ the level of the street, with one window which _____2_____ on the street. He had lived in the same room for many years and knew many people. There was _____3_____ a pair of boots in the town and in the country for many miles _____4_____ that had not once or twice passed _____5_____ his hands.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. always
 - ☐ 2. now
 - ☐ 3. besides
 - ☒ 4. hardly

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There lived in a town in Russia a bootmaker named Martin. He lived in a small room, half sunk _____1_____ the level of the street, with one window which _____2_____ on the street. He had lived in the same room for many years and knew many people. There was _____3_____ a pair of boots in the town and in the country for many miles _____4_____ that had not once or twice passed _____5_____ his hands.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. below
 - ☐ 2. above
 - ☒ 3. around
 - ☐ 4. round

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

There lived in a town in Russia a bootmaker named Martin. He lived in a small room, half sunk _____1_____ the level of the street, with one window which _____2_____ on the street. He had lived in the same room for many years and knew many people. There was _____3_____ a pair of boots in the town and in the country for many miles _____4_____ that had not once or twice passed _____5_____ his hands.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. off
 - ☒ 2. through
 - ☐ 3. at
 - ☐ 4. in

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	30/10/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 By selling an article for ₹19.5, a dealer makes a profit of 10%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 30%?

- Ans
- ☐ 1. 6.55
 - ☒ 2. 3.55
 - ☐ 3. 4.55
 - ☐ 4. 5.55

Q.2 The difference between the selling prices with 19% profit and 11% loss is Rs.454.50. What is the cost price of the item?

- Ans
- ☐ 1. Rs.1,505
 - ☐ 2. Rs.1,525
 - ☐ 3. Rs.1,520
 - ☒ 4. Rs.1,515

Q.3 A person spends 75% of his income. If his income increases by 15% and expenditure decreases by 10%, then what percentage increase will occur in his savings?

- Ans
- ☐ 1. 22.5%
 - ☒ 2. 90%
 - ☐ 3. 47.5%
 - ☐ 4. 67.5%

Q.4 S gets 78, 75, 68, 64 and 58 marks in Hindi, English, Chemistry, Physics and Mathematics, respectively. What are his average marks per subject?

- Ans
- ☐ 1. 66.8
 - ☒ 2. 68.6
 - ☐ 3. 68.8
 - ☐ 4. 66.6

Q.5 The cost of painting the surface of a large spherical ball at the rate of ₹2.40 per cm^2 is ₹9,240. What is the radius (in cm) of the ball? (Use $\pi = \frac{22}{7}$.)

- Ans
- ☐ 1. 16.5
 - ☐ 2. 21
 - ☐ 3. 18.5
 - ☒ 4. 17.5

Q.6 What is the curved surface area of a right circular cylinder of height 21 cm and radius 3 cm (use $\pi = \frac{22}{7}$)?

- Ans
- ☐ 1. 486 cm^2
 - ☒ 2. 396 cm^2
 - ☐ 3. 540 cm^2
 - ☐ 4. 546 cm^2

Q.7 A cooperative society increases the annual rate of simple interest from 10% to $16\frac{1}{2}\%$, then the yearly income of a person increases by ₹1,077.70. The simple interest (in ₹) on the sum at 10% for four years will be:

- Ans
- ☐ 1. 16,580
 - ☐ 2. 9,120.3
 - ☐ 3. 8,240
 - ☒ 4. 6,632

Q.8 The average of the first twelve multiples of 11 is:

- Ans
- ☐ 1. 68.5
 - ☐ 2. 69.5
 - ☒ 3. 71.5
 - ☐ 4. 70.5

Q.9 Simplify the following.

$$\left[3.\overline{36} - 2.\overline{05} + 1.\overline{33}\right] - \left[5\frac{9}{14} \div \left(5 + \frac{3}{3+\frac{1}{\frac{3}{5}}}\right)\right]$$

- Ans
- ☐ 1. $0.\overline{64}$
 - ☐ 2. $3.\overline{64}$
 - ☒ 3. $1.\overline{64}$
 - ☐ 4. $2.\overline{64}$

Q.10 What will be the average of all the odd numbers from 11 to 71 (both inclusive)?

- Ans
- ☐ 1. 47
 - ☐ 2. 39
 - ☐ 3. 31
 - ☒ 4. 41

Q.11 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 5% per year rate of interest for 4 years.

- Ans
- ☐ 1. 540
 - ☐ 2. 440
 - ☒ 3. 500
 - ☐ 4. 460

Q.12 A speed of 16 km/h is the same as:(Up to 1 place of decimal)

- Ans
- ☐ 1. 8.4 m/sec
 - ☒ 2. 4.4 m/sec
 - ☐ 3. 8 m/sec
 - ☐ 4. 2 m/sec

Q.13 The diameter of a hollow hemisphere is 40 cm. Water is filled in it up to its brim. When spherical lead shots each of diameter 0.8 cm are dropped into the hemisphere, three-fifths of the water flows out. How many lead shots were dropped into the hemisphere?

- Ans
- ☐ 1. 35700
 - ☒ 2. 37500
 - ☐ 3. 35500
 - ☐ 4. 30500

Q.14 Gagandeep marks his goods 50% above the cost price and offers a discount of 25% on the marked price to his customers. What is the percentage gain of Gagandeep?

- Ans
- ☐ 1. 12.0%
 - ☒ 2. 12.5%
 - ☐ 3. 13.5%
 - ☐ 4. 13.0%

Q.15 Hari made a profit of 21% when he sold a tracksuit for ₹4,235. Find the cost price of the tracksuit.

- Ans
- ☐ 1. ₹3,400
 - ☒ 2. ₹3,500
 - ☐ 3. ₹3,300
 - ☐ 4. ₹3,200

Q.16 The HCF of 21 and 49 is:

- Ans
- ☐ 1. 2
 - ☐ 2. 1
 - ☒ 3. 7
 - ☐ 4. 3

Q.17 If a man takes 36 minutes to cover a certain distance at a speed of 6 km/h, then the distance covered by him is:

- Ans
- ☐ 1. 3 km
 - ☒ 2. 3.6 km
 - ☐ 3. 2.5 km
 - ☐ 4. 2 km

Q.18 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 5% per year rate of interest for 4 years.

- Ans
- ☐ 1. 640
 - ☐ 2. 540
 - ☐ 3. 560
 - ☒ 4. 600

Q.19 The weight of a sphere is jointly proportional to the cube of its radius and the density of the material of which it is made. The radii of two spheres are 17 : 8 and the densities of materials 3 : 4. If the weight of the second sphere be 40 kg, then the approximate weight of the first sphere is:

- Ans
- ☐ 1. 96 kg
 - ☐ 2. 230 kg
 - ☒ 3. 287.87 kg
 - ☐ 4. 123.26 kg

Q.20 In a group of 200 members, 45% are teenagers and the remaining are adults. The average weight of the whole group is 62 kg. If the average weight of teenagers is 56 kg, then the nearest integral value of the average weight of adults is _____.

- Ans
- ☐ 1. 84 kg
 - ☐ 2. 79 kg
 - ☐ 3. 65 kg
 - ☒ 4. 67 kg

Section : Reasoning Ability and Problem Solving

Q.1 FLLC is related to HNNE in a certain way based on the English alphabetical order. In the same way, AFFW is related to CHHY. To which of the following is PVVM related, following the same logic?

- Ans
- ☐ 1. ROXX
 - ☒ 2. RXXO
 - ☐ 3. XXOR
 - ☐ 4. XXRO

Q.2 In a certain code language, 'RESHMA' is coded as 'XJEPBO' and 'PRITHAM' is coded as 'JXEQFOM'. How will 'GOURI' be coded in that language?

- Ans**
- ☒ 1. FORLD
 - ☐ 2. FDRLD
 - ☐ 3. EORLD
 - ☐ 4. FORLC

Q.3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some rhinos are birds. All penguins are birds.

Conclusions:

(I): Some rhinos are penguins.

(II): All birds are penguins.

- Ans**
- ☐ 1. Only conclusion (II) follows.
 - ☐ 2. Only conclusion (I) follows.
 - ☒ 3. Neither conclusion (I) nor (II) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.4 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

NRT, JNP, FJL, BFH, ?

- Ans**
- ☐ 1. XZS
 - ☐ 2. XDF
 - ☒ 3. XBD
 - ☐ 4. XAD

Q.5 What should come in place of the question mark (?) in the given series?

15, 21, 34, 56, 89, ?

- Ans**
- ☐ 1. 139
 - ☒ 2. 135
 - ☐ 3. 131
 - ☐ 4. 137

Q.6 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

7, 27

11, 43

- Ans**
- ☐ 1. 15, 58
 - ☐ 2. 14, 58
 - ☒ 3. 15, 59
 - ☐ 4. 14, 59

Q.7 NUQM is related to PWSO in a certain way based on the English alphabetical order. In the same way, JQMI is related to LSOK. To which of the following is FMIE related, following the same logic?

- Ans**
- ☐ 1. OHKG
 - ☒ 2. HOKG
 - ☐ 3. OHGK
 - ☐ 4. HOGK

Q.8 28 is related to 168 following a certain logic. Following the same logic, 39 is related to 234. To which of the following is 43 related following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 258
 - ☐ 2. 215
 - ☐ 3. 217
 - ☐ 4. 222

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the given sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(6, 12, 8)
(5, 12, 7)

- Ans**
- ☐ 1. (6, 11, 5)
 - ☒ 2. (5, 15, 10)
 - ☐ 3. (15, 31, 37)
 - ☐ 4. (2, 13, 3)

Q.10 U, V, W, X, Y, Z and A are sitting around a circular table facing the centre (but not necessarily in the same order). X sits third to the left of Y. W sits second to the left of V. Only Y sits between A and W. U is not an immediate neighbour of X. Who sits fourth to the right of Z?

- Ans**
- ☐ 1. Y
 - ☒ 2. U
 - ☐ 3. A
 - ☐ 4. W

Q.11 In a certain code language, 'FRONT' is coded as '21593' and 'OFTEN' is coded as '52739'. What is the code for 'E' in the given code language?

- Ans**
- ☒ 1. 7
 - ☐ 2. 5
 - ☐ 3. 1
 - ☐ 4. 2

Q.12 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All birds are parrot. All parrots are green.

Conclusions:

- (I) All birds are green.
- (II) No birds is green.

- Ans**
- ☐ 1. Both conclusion (I) and (II) follow.
 - ☐ 2. Neither conclusion (I) nor (II) follows.
 - ☐ 3. Only Conclusion (II) follows.
 - ☒ 4. Only Conclusion (I) follows.

Q.13 In a certain code language, 'LIME' is coded as '4826' and 'FOLD' is coded as '9378'. What is the code for 'L' in that language?

- Ans**
- ☐ 1. 4
 - ☒ 2. 8
 - ☐ 3. 2
 - ☐ 4. 7

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: Some perfumes are soaps. No perfume is a candy.

Conclusions: (I) No candy is a soap.

(II) Some soaps are perfumes.

- Ans**
- ☒ 1. Both conclusions (I) and (II) follow
 - ☒ 2. Only conclusion (II) follows
 - ☒ 3. Neither conclusion (I) nor (II) follows
 - ☒ 4. Only conclusion (I) follows

Q.15 What will come in the place of '?' in the following equation, if '+' and '÷' are interchanged and 'x' and '-' are interchanged?
 $24 + 3 \div 8 \times 2 - 6 = ?$

- Ans**
- ☒ 1. 18.75
 - ☒ 2. 4
 - ☒ 3. 6
 - ☒ 4. - 6

Q.16 IFKH is related to MJOL in a certain way based on the English alphabetical order. In the same way, NKPM is related to ROTQ. To which of the following is QNSP related, following the same logic?

- Ans**
- ☒ 1. URWT
 - ☒ 2. RUTW
 - ☒ 3. RUWT
 - ☒ 4. URTW

Q.17 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$12 \div 13 + 128 - 343 \times 49 = ?$$

- Ans**
- ☒ 1. 53
 - ☒ 2. 45
 - ☒ 3. 35
 - ☒ 4. 54

Q.18 What should come in place of the question mark (?) in the following series?
-553, -532, -511, -490, -469, ?

- Ans**
- ☒ 1. -458
 - ☒ 2. -448
 - ☒ 3. 448
 - ☒ 4. 458

Q.19 S, T, U, V, W, X and Y are sitting around a circular table facing the centre (but not necessarily in the same order). Only four people are sitting between S and W when counted from the right of S. Only one person is sitting between W and Y when counted from the left of W. Only two people are sitting between S and X when counted from the left of S. Only two people are sitting between U and Y when counted from the left of U. Only one person is sitting between U and V when counted from the left of V. Who is sitting to the immediate right of X ?

- Ans**
- ☒ 1. S
 - ☒ 2. V
 - ☒ 3. W
 - ☒ 4. Y

Q.20 In a certain code language, 'PRIZE' is coded as '59764' and 'CAKE' is coded as '1423'. How is 'E' coded in the given language?

- Ans**
- ☒ 1. 7
 - ☒ 2. 9
 - ☒ 3. 4
 - ☒ 4. 5

Section : **General Awareness**

Q.1 Most of the Harappan sites are primarily divided into _____ parts.

- Ans**
- ☒ 1. four
 - ☒ 2. two
 - ☒ 3. eight
 - ☒ 4. six

Q.2 What is the role of a commercial bank in the economy?

- Ans**
- ☒ 1. To print and issue currency
 - ☒ 2. To provide financial services, such as accepting deposits, lending money and facilitating payments
 - ☒ 3. To regulate the money supply
 - ☒ 4. To set interest rates for the entire banking system

Q.3 The Huttari dance, observed as an annual tradition, is a leisurely performance that takes place during the harvesting season in _____.

- Ans**
- ☒ 1. Karnataka
 - ☒ 2. Odisha
 - ☒ 3. Andhra Pradesh
 - ☒ 4. Telangana

Q.4 Gangubai Hangal, a renowned Indian music personality, is recognised for her contributions in which of the following fields?

- Ans**
- ☒ 1. Hindustani Classical Music
 - ☒ 2. Rabindra Sangeet
 - ☒ 3. Sufi Music
 - ☒ 4. Ghazal Singing

Q.5 In which of the following states is the Mamallapuram Utsav celebrated?

- Ans**
- ☒ 1. Kerala
 - ☒ 2. Karnataka
 - ☒ 3. Uttarakhand
 - ☒ 4. Tamil Nadu

Q.6 What do you call the body cavity that is lined by mesoderm?

- Ans**
- ☒ 1. Radial symmetry
 - ☒ 2. Coelom
 - ☒ 3. Diploblasts
 - ☒ 4. Triploblasts

Q.7 The God of Small Things is a novel authored by whom among the following authors?

- Ans**
- ☒ 1. Arundhati Roy
 - ☒ 2. Rohinton Mistry
 - ☒ 3. Fakira
 - ☒ 4. Shashi Tharoor

Q.8 If labour is employed in a job but is not actually utilised for the production of goods and services, it is known as:

- Ans**
- ☒ 1. urban unemployment
 - ☒ 2. educated unemployment
 - ☒ 3. seasonal unemployment
 - ☒ 4. disguised unemployment

Q.9 In which of the following empires of South India was the Kamalapuram tank built in the 15th century?

- Ans**
- ☒ 1. Bidar
 - ☒ 2. Chola
 - ☒ 3. Bijapur
 - ☒ 4. Vijayanagara

Q.10	As a part of the Non-Cooperation Movement in 1922, the angry peasants had set ablaze the police station of which place?
Ans	 1. Dhaka  2. Chauri Chaura  3. Dandi  4. Kakori
Q.11	Scissor style and Western Roll are the techniques used in:
Ans	 1. triple jump  2. high jump  3. long jump  4. pole vault
Q.12	In basketball, how many points are awarded when a basket is scored from outside the 6.25-metre line?
Ans	 1. Five points  2. Three points  3. Two points  4. Six points
Q.13	Meher had two large chunks of coal. She set fire to the first chunk and broke the second one into pieces. Help Meher understand what kind of changes happened to the two chunks of coal at the end of the activity by choosing all the applicable statements. A. Both chunks of coal underwent physical changes only. B. The changes were reversible for the first chunk of coal only. C. Only physical changes took place for the second chunk of coal. D. Both chunks of coal underwent chemical changes only. E. The first case is an example of chemical changes.
Ans	 1. Only A and B  2. Only B and D  3. Only C and E  4. Only D
Q.14	What is the study of the interactions between living organisms and their environment called?
Ans	 1. Biology  2. Geology  3. Chemistry  4. Ecology
Q.15	Which of the following is NOT considered as a Fundamental Duty?
Ans	 1. To uphold and protect secularism  2. To value and preserve the rich heritage of our composite culture  3. To develop the scientific temper, humanism and the spirit of inquiry and reform  4. To uphold and protect the sovereignty, unity and integrity of India
Q.16	Which of the following rivers flows north of the Tropic of Cancer in India?
Ans	 1. Tapi  2. Yamuna  3. Penganga  4. Mahanadi
Q.17	Which of the following National Waterways (NW) is associated with the Udyogamandal and the Champakkara canals?
Ans	 1. NW-25  2. NW-5  3. NW-10  4. NW-3

Q.18	Which Kuchipudi dancer received National Nritya Shiromani Award 2022?
Ans	✗ 1. Anita Sharma ✗ 2. Anindita Neogy Anaam ✓ 3. Aparna Satheesan ✗ 4. Jatin Goswami
Q.19	As per the 2011 census, which of the following union territories had the lowest population?
Ans	✗ 1. Puducherry ✗ 2. Chandigarh ✗ 3. Andaman and Nicobar Islands ✓ 4. Lakshadweep
Q.20	With reference to provinces under Mauryan dynasty, which of the following pairs is correct?
Ans	✗ 1. Dakshinapatha (South) - Ujjain ✓ 2. Prachyapatha (East) - Toshali ✗ 3. Uttarapatha (North) - Suvarnagiri ✗ 4. Avantiratha (West) - Taxila
Q.21	Match the following parties with their reserved symbols and choose the INCORRECT one among the following:
Ans	✗ 1. National People's Party – Book ✗ 2. Nationalist Congress party – Clock ✓ 3. All India Trinamool Congress – Sickle ✗ 4. Bahujan Samaj Party – Elephant
Q.22	On 19 July 2023, who was appointed as the 25th Director General of the Indian Coast Guard?
Ans	✗ 1. VK Singh ✗ 2. K Natarajan ✗ 3. BS Raju ✓ 4. Rakesh Pal
Q.23	Large tidal waves caused by an underwater earthquake or volcanic eruption are known as a _____.
Ans	✗ 1. hurricane ✓ 2. tsunami ✗ 3. typhoon ✗ 4. tornado
Q.24	In May 2023, who was sworn in as the new Central Vigilance Commissioner of India?
Ans	✗ 1. Amit Khare ✗ 2. GC Murmu ✗ 3. Suresh N Patel ✓ 4. PK Srivastava
Q.25	With which of the following organisations was Henry Louis Vivian Derozio, a teacher of Hindu College of Calcutta, associated?
Ans	✓ 1. Young Bengal Movement ✗ 2. Sree Narayana Dharma Paripalana Yogam ✗ 3. Paramahansa Mandali ✗ 4. Rahnumai Mazdayasnan Sabha

Section : **English Language and Comprehension**

Q.1	Select the sentence that has a grammatical error.
Ans	✗ 1. The company came up with a brilliant marketing strategy. ✗ 2. He came across an interesting article while researching. ✗ 3. She always comes down with a cold in winter. ✓ 4. We came in the meeting room quietly.

Q.2 Select the most appropriate option to fill in the blank.

The _____ model who can be selected for this advertisement is Meera Narayan.

- Ans**
- ☐ 1. most good
 - ☐ 2. more better
 - ☐ 3. most best
 - ☒ 4. best

Q.3 Select the option that correctly rectifies the underlined spelling error in the given sentence.

In the first half century after U.S. independence, a major preportion of the nation's labour force shifted from the agricultural to the manufacturing sector.

- Ans**
- ☐ 1. prepotion
 - ☒ 2. proportion
 - ☐ 3. preposion
 - ☐ 4. priposon

Q.4 Select the most appropriate meaning of the underlined word in the given sentence.

The military operation was part of a conspiracy against national security.

- Ans**
- ☒ 1. Plot
 - ☐ 2. Motivation
 - ☐ 3. willfulness
 - ☐ 4. Enthusiasm

Q.5 Identify the preposition that needs to be omitted to correct the sentence.

They live near to the park.

- Ans**
- ☐ 1. near
 - ☒ 2. to
 - ☐ 3. They
 - ☐ 4. live

Q.6 Select the most appropriate option to fill in the blank.

How long have you been _____ these contact lenses?

- Ans**
- ☐ 1. swimming
 - ☐ 2. prevailing
 - ☐ 3. seeing
 - ☒ 4. wearing

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Despite the challenges, / the team is determined to / completed / the project on time and within budget.

- Ans**
- ☐ 1. the project on time and within budget
 - ☐ 2. Despite the challenges
 - ☐ 3. the team is determined to
 - ☒ 4. completed

Q.8 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Sacrilege
 - ☒ 2. Assesment
 - ☐ 3. Committee
 - ☐ 4. Exaggeration

Q.9 Select the most appropriate synonym of the underlined word.
Ritu is a diligent girl who looks after her aged parents.

- Ans**
- ☒ 1. hardworking
 - ☐ 2. lethargic
 - ☐ 3. stupid
 - ☐ 4. innocent

Q.10 Select the most appropriate idiom to replace the underlined segment in the given sentence.

We were asked to vote for the candidates by raising our hands to indicate voting for or against a proposition.

- Ans**
- ☒ 1. a show of hands
 - ☐ 2. getting out of hand
 - ☐ 3. tipping our hands
 - ☐ 4. changing hands

Q.11 Select the option with the correctly spelt word to fill in the blank.

The delta of river _____ looks like a bird's foot because a lot of sediment is carried into the calm sea water.

- Ans**
- ☐ 1. Mississipi
 - ☐ 2. Mississippipi
 - ☐ 3. Mississippi
 - ☒ 4. Mississippi

Q.12 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Manisha set apart with her friends to explore the countryside.

- Ans**
- ☐ 1. set in
 - ☒ 2. set out
 - ☐ 3. set aside
 - ☐ 4. No substitution required

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

The irrational fear of snakes

- Ans**
- ☐ 1. Necrophobia
 - ☒ 2. Ophidiophobia
 - ☐ 3. Nomophobia
 - ☐ 4. Xenophobia

Q.14 Select the most appropriate meaning of the underlined word in the given sentence.

I agreed with your assessment.

- Ans**
- ☐ 1. Doubted
 - ☐ 2. Disagreed
 - ☒ 3. Supported
 - ☐ 4. Rejected

Q.15 Select the most appropriate meaning of the underlined word in the context of the following sentence.

We should go to the Himalayas this spring.

- Ans**
- ☐ 1. Coiled metal
 - ☐ 2. A water body
 - ☒ 3. A season
 - ☐ 4. To jump

Q.16 Select the grammatically correct sentence from the given options.

- Ans**
- ☒ 1. The responsibility was given to each student to keep quiet during the seminar.
 - ☐ 2. The responsibility was give to each student to keep quieter during the seminar.
 - ☐ 3. The responsibility is given to each student to keep quieter during the seminar.
 - ☐ 4. The responsibility was given to each student to keep quieter during the seminar.

Q.17 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in the blanks.

Cuba is known as the sugar bowl of the world. It is part of the Caribbean _____. This country _____ a lot of sugar in the decade of 1960s.

- Ans**
- ☐ 1. sector; created
 - ☒ 2. region; produced
 - ☐ 3. stretch; processed
 - ☐ 4. area; cropped

Q.18 Select the most appropriate ANTONYM of the given word.

Ally

- Ans**
- ☒ 1. Enemy
 - ☐ 2. Gloomy
 - ☐ 3. Dreamy
 - ☐ 4. Infamy

Q.19 select the most appropriate idiom/phrase to fill in the blank and complete the sentence.

It was all _____. He did not really mean what he said.

- Ans**
- ☒ 1. tongue in cheek
 - ☐ 2. blue in the face
 - ☐ 3. a storm in a tea cup
 - ☐ 4. tuck in

Q.20 The given sentence is divided into four segments. Select the segment with the grammatical error.
I was surprised / to see my / daughter, Manya, riding her / new bicycle confident.

- Ans**
- ☒ 1. new bicycle confident
 - ☐ 2. to see my
 - ☐ 3. daughter, Manya, riding her
 - ☐ 4. I was surprised

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A weed is an untamed plant that (1)_____ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)_____. While some are toxic to horses and cattle, others harm mature crops by (3)_____ them of water, sunlight, soil and minerals. There are various ways that weeds (4)_____. They are (5)_____ transported from one location to another as trash, dust or fodder.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. perfects
 - ☒ 2. spreads
 - ☐ 3. evolves
 - ☐ 4. amends

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A weed is an untamed plant that (1)_____ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)_____. While some are toxic to horses and cattle, others harm mature crops by (3)_____ them of water, sunlight, soil and minerals. There are various ways that weeds (4)_____. They are (5)_____ transported from one location to another as trash, dust or fodder.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. vices
 - ☒ 2. grace
 - ☒ 3. dangerous
 - ☒ 4. delicates

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A weed is an untamed plant that (1)_____ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)_____. While some are toxic to horses and cattle, others harm mature crops by (3)_____ them of water, sunlight, soil and minerals. There are various ways that weeds (4)_____. They are (5)_____ transported from one location to another as trash, dust or fodder.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. spoiling
 - ☒ 2. digesting
 - ☒ 3. relieving
 - ☒ 4. depriving

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A weed is an untamed plant that (1)_____ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)_____. While some are toxic to horses and cattle, others harm mature crops by (3)_____ them of water, sunlight, soil and minerals. There are various ways that weeds (4)_____. They are (5)_____ transported from one location to another as trash, dust or fodder.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. entertain
 - ☒ 2. extension
 - ☒ 3. breach
 - ☒ 4. propagate

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

A weed is an untamed plant that (1)_____ where it is not wanted, usually among gardens or crops. The majority of weeds are (2)_____. While some are toxic to horses and cattle, others harm mature crops by (3)_____ them of water, sunlight, soil and minerals. There are various ways that weeds (4)_____. They are (5)_____ transported from one location to another as trash, dust or fodder.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. consequence
 - ☒ 2. frequently
 - ☒ 3. every
 - ☒ 4. rare

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	30/10/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 A spherical ball of iron is to be produced. If the radius of the ball is 3 cm and weight of iron per cm^3 is 30g, what would be the weight of the ball?

- Ans
- ☐ 1. 104π g
 - ☐ 2. 1040π g
 - ☐ 3. 108π g
 - ☒ 4. 1080π g

Q.2 A policeman sees a thief at a distance of 50 m and starts chasing him at a speed of 7 m/s, while the thief runs at a speed of 5 m/s. What is the distance (in m) covered by the thief when he is caught?

- Ans
- ☐ 1. 100
 - ☐ 2. 175
 - ☒ 3. 125
 - ☐ 4. 150

Q.3 What will be the average of the odd numbers from 1 to 51, both inclusive?

- Ans
- ☐ 1. 25
 - ☒ 2. 26
 - ☐ 3. 26.5
 - ☐ 4. 24

Q.4 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 8% per year rate of interest for 4 years.

- Ans
- ☐ 1. 760
 - ☐ 2. 740
 - ☐ 3. 840
 - ☒ 4. 800

Q.5 Ravi buys an article for ₹750 and sells it at ₹810. The profit percentage is equal to

- Ans
- ☐ 1. 6%
 - ☒ 2. 8%
 - ☐ 3. 11%
 - ☐ 4. 9%

Q.6 The average weight of 14 persons out of 16 persons is 75 kg. The total weight of the remaining two persons is 48 kg more than the average weight of all 16 persons. Find the average weight of the remaining two persons.

- Ans
- ☒ 1. 60.6 kg
 - ☐ 2. 48.6 kg
 - ☐ 3. 66.6 kg
 - ☐ 4. 54.6 kg

Q.7 A vendor bought a certain number of bananas at 6 for ₹5 and sold them at 4 for ₹3. Find his loss percentage.

- Ans
- ☐ 1. 8%
 - ☐ 2. 15%
 - ☒ 3. 10%
 - ☐ 4. 12%

Q.8 The lowest terms of $\frac{221}{488}$ is:

- Ans
- ☒ 1. $\frac{221}{488}$
 - ☐ 2. $\frac{121}{488}$
 - ☐ 3. $\frac{221}{288}$
 - ☐ 4. $\frac{121}{288}$

Q.9 Aman, Bheema and Rehman play cricket, the ratio of Aman's runs to Bheema's runs and Bheema's runs to Rehman's runs is 5 : 4. They make together 549 runs. How many runs did Rehman make?

- Ans
- ☒ 1. 144
 - ☐ 2. 158
 - ☐ 3. 108
 - ☐ 4. 132

Q.10 The average of first 9 whole numbers is:

- Ans
- ☒ 1. 4
 - ☐ 2. 4.5
 - ☐ 3. 5
 - ☐ 4. 3

Q.11 The salary of a worker is first increased by 30% and later reduced by 28.5%. What is the net change in his salary?

- Ans
- ☐ 1. 9.05% decrease
 - ☐ 2. 8.05% increase
 - ☒ 3. 7.05% decrease
 - ☐ 4. 6.05% increase

Q.12 What is the LCM of the polynomials $(x^2 - 9x + 14)$ and $(x^2 - 5x + 6)$?

- Ans
- ☒ 1. $x^3 - 12x^2 + 41x - 42$
 - ☐ 2. $x^3 - 21x^2 + 14x - 24$
 - ☐ 3. $x^3 - 12x^2 - 41x + 42$
 - ☐ 4. $x^3 + 12x^2 - 41x - 42$

Q.13 A banner at a garment shop advertises 'Buy 2 and get 5'. The shopkeeper has marked all the shirts at the same amount. Gaurav was his relative and the shopkeeper gave him an additional discount of 2% on the total bill. Gaurav purchased 5 shirts and paid ₹1,274. What is the marked price of each shirt?

- Ans
- ☐ 1. ₹260
 - ☐ 2. ₹520
 - ☒ 3. ₹650
 - ☐ 4. ₹630

Q.14 What sum (in ₹) will earn a simple interest of ₹360 in 2 years at 16% per year rate of interest?

- Ans
- ☐ 1. 725
 - ☒ 2. 1125
 - ☐ 3. 1850
 - ☐ 4. 2250

Q.15 Raghu lends ₹9,600 and ₹11,800 at simple interest to two different persons for the same time at the rate of 7% per annum and 8% per annum, respectively. If he had received ₹9,696 as total interest from both, find the time period for which the amounts were lent.

- Ans
- ☐ 1. 10 years
 - ☐ 2. 12 years
 - ☐ 3. 8 years
 - ☒ 4. 6 years

Q.16 What is the curved surface area of a cylinder with a base radius of 12 cm and a height of 49 cm?

(Use $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 3696 cm^2
 - ☐ 2. 3120 cm^2
 - ☐ 3. 5260 cm^2
 - ☐ 4. 6336 cm^2

Q.17 A man travelled from Tirupati to Tirumala at the speed of 20 km/h and walked back at the speed of 4 km/h. If the whole journey took 24 hours, then find the distance (in km) between Tirumala and Tirupati.

- Ans
- ☐ 1. 20
 - ☒ 2. 80
 - ☐ 3. 30
 - ☐ 4. 25

Q.18 In a conical tent of diameter 13.2 m and vertical height 14 m, how many full bags of wheat can be emptied, if the space required for the wheat in each bag is 29.04 m^3 ? [Use $\pi = \frac{22}{7}$]

- Ans
- ☐ 1. 25
 - ☐ 2. 21
 - ☐ 3. 28
 - ☒ 4. 22

Q.19 Find the ratio in which rice worth ₹7.20/kg should be mixed with rice worth ₹5.70/kg to produce a mixture worth ₹6.30/kg.

- Ans
- ☒ 1. 2 : 3
 - ☐ 2. 4 : 5
 - ☐ 3. 3 : 4
 - ☐ 4. 1 : 3

Q.20 A shopkeeper sold an article at a profit of 4%. If he had bought the article at 5% less and sold it at ₹30 more, then he would have made a profit of 12%. What is the cost price (in ₹) of the article?

- Ans
- ☒ 1. 1,250
 - ☐ 2. 1,200
 - ☐ 3. 1,232
 - ☐ 4. 1,260

Q.1 HLTE is related to DHPA in a certain way based on the English alphabetical order. In the same way, VBNW is related to RXJS. To which of the following is MUXK related, following the same logic?

- Ans**
- ☒ 1. IQTG
 - ☐ 2. JRUG
 - ☐ 3. IQSF
 - ☐ 4. IPSF

Q.2 20 is related to 401 following a certain logic. Following the same logic, 15 is related to 226. To which of the following is 18 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding / subtracting / multiplying, etc.. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 346
 - ☒ 2. 325
 - ☐ 3. 364
 - ☐ 4. 352

Q.3 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:
All cactuses are tulips.
No cactus is a lotus.

Conclusions:
(I) Some lotuses are tulips.
(II) All tulips are lotuses.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows.
 - ☐ 2. Only conclusion (II) follows.
 - ☐ 3. Only conclusion (I) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.4 In a certain code language, 'HOME' is coded as '5317' and 'EAST' is coded as '6528'. What is the code for 'E' in the given code language?

- Ans**
- ☐ 1. 7
 - ☐ 2. 8
 - ☐ 3. 6
 - ☒ 4. 5

Q.5 What should come in place of the question mark (?) in the following series?
4, 10, ?, 82, 244, 730, 2188

- Ans**
- ☐ 1. 21
 - ☐ 2. 20
 - ☒ 3. 28
 - ☐ 4. 38

Q.6 Which of the following interchanges of signs would make the given equation correct?
 $96 \times 8 - 15 \div 5 + 100 = 37$

- Ans**
- ☒ 1. $\div$ and $\times$
 - ☐ 2. $\times$ and $-$
 - ☐ 3. $-$ and $\div$
 - ☐ 4. $\times$ and $+$

Q.7 AFKO is related to CHMQ in a certain way based on the English alphabetical order. In the same way, ILRS is related to KNTU. To which of the following is BDGI related, following the same logic?

- Ans**
- ☐ 1. HDJI
 - ☐ 2. SIND
 - ☒ 3. DFIK
 - ☐ 4. RTUI

Q.8 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the center (but not necessarily in the same order). F is sitting second to the left of C. E is the immediate neighbour of A and C. G is sitting third to the right of D.

What is the position of B with respect to G?

- Ans**
-  1. Third to the right
 -  2. To the immediate right
 -  3. Second to the left
 -  4. Second to the right

Q.9 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $2 \div 90 \times 5 - 4 + 10 = ?$

- Ans**
-  1. 37
 -  2. 35
 -  3. 29
 -  4. 30

Q.10 79 is related to 164 following a certain logic. Following the same logic, 98 is related to 183. To which of the following is 112 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
-  1. 187
 -  2. 195
 -  3. 182
 -  4. 197

Q.11 BO 91 is related to ER 95 in a certain way. In the same way, MT 22 is related to PW 26. To which of the following is NV 53 related, following the same logic?

- Ans**
-  1. QY 57
 -  2. YR 52
 -  3. RT 53
 -  4. YT 62

Q.12 Three statements are given, followed by two conclusions numbered 1 and 2. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some Jeans are Pants

No Pant is a Shirt

Some Shirts are T-shirts

Conclusions:

1. Some T-shirts are Shirts

2. Some T-shirts are Jeans

- Ans**
-  1. Both conclusions 1 and 2 follow
 -  2. Only conclusion 2 follows
 -  3. Neither conclusion 1 nor 2 follows
 -  4. Only conclusion 1 follows

Q.13 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All apples are mangoes.

No mango is a kiwi.

Conclusions:

(I) No apple is a kiwi.

(II) No kiwi is a mango.

- Ans**
-  1. Both conclusion I and II follow
 -  2. Only conclusion II follows
 -  3. Only conclusion I follows
 -  4. Neither conclusion I nor II follows

Q.14 In a code language, 'PINK' is coded as 'WFUH' and 'DORM' is coded as 'KLYJ'. How will 'BUGI' be coded in that language?

- Ans**
- ☒ 1. KSOE
 - ☒ 2. IRNF
 - ☒ 3. KSNE
 - ☒ 4. JROF

Q.15 A, B, C, D, E, F, and G, are sitting around a circular table facing the centre (but not necessarily in the same order). Only 3 people sit between E and F when counted from the right of E. A and D are both immediate neighbours of G. B sits immediate to the right of C. Only 1 person sits between B and D. How many people sit between A and E when counted from the right of A?

- Ans**
- ☒ 1. 2
 - ☒ 2. 3
 - ☒ 3. 4
 - ☒ 4. 1

Q.16 What should come in place of question mark (?) in the given series based on the English alphabetical order?
CEB, GHE, KKH, ONK, ?

- Ans**
- ☒ 1. SQN
 - ☒ 2. TQN
 - ☒ 3. SQO
 - ☒ 4. TQO

Q.17 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(169, 35, 204)
(148, 27, 175)

- Ans**
- ☒ 1. (326, 5, 399)
 - ☒ 2. (256, 119, 375)
 - ☒ 3. (265, 5, 222)
 - ☒ 4. (215, 16, 375)

Q.18 What should come in place of the question mark (?) in the given series?
11, 12, 16, 25, 41, ?

- Ans**
- ☒ 1. 65
 - ☒ 2. 66
 - ☒ 3. 64
 - ☒ 4. 60

Q.19 In a certain code language, 'PEN' is coded as '16-05-14' and 'CAR' is coded as '03-01-18'. How is 'KITE' coded in the given language?

- Ans**
- ☒ 1. 11-10-20-04
 - ☒ 2. 10-09-20-05
 - ☒ 3. 11-09-20-05
 - ☒ 4. 10-12-20-03

Q.20 In a certain code language, 'JUGS' is coded as '3715' and 'GOLD' is coded as '6524'. What is the code for 'G' in that language?

- Ans**
- ☒ 1. 5
 - ☒ 2. 4
 - ☒ 3. 6
 - ☒ 4. 1

Q.1 On 10 April 2023, the Government of India launched tourism infrastructure and amenities in the _____ villages through the 'Vibrant Villages Programme'.

- Ans**
- ☐ 1. Desert
 - ☐ 2. Hill
 - ☒ 3. Border
 - ☐ 4. Coastal

Q.2 Chand Minar at Daulatabad is a 210-feet-high tapering tower divided into _____ storeys.

- Ans**
- ☐ 1. six
 - ☐ 2. five
 - ☐ 3. three
 - ☒ 4. four

Q.3 Which of the following statements is/are INCORRECT?

- A) 1833 Charter Act has changed the designation for Governor-General of Bengal, renamed as Governor-General of India.
B) Lord William Bentick was the first Governor General of India.

- Ans**
- ☒ 1. Both A and B
 - ☐ 2. Only B
 - ☐ 3. Neither A nor B
 - ☐ 4. Only A

Q.4 Who is National Security Advisor of India as of July 2023?

- Ans**
- ☐ 1. Rajnath Singh
 - ☒ 2. Ajit Doval
 - ☐ 3. Rajiv Gauba
 - ☐ 4. Sanjeev Sanyal

Q.5 Which of the following states has bicameral (two houses) state legislature?

- Ans**
- ☐ 1. Goa
 - ☐ 2. Punjab
 - ☒ 3. Karnataka
 - ☐ 4. West Bengal

Q.6 Harappa, one of the sites of the Harappan culture, was found in which of the following states of pre-independent India?

- Ans**
- ☐ 1. Sindh
 - ☐ 2. Balochistan
 - ☒ 3. Punjab
 - ☐ 4. United Province

Q.7 What are the three components of the empowerment model in SAPAP of SHGs?

- Ans**
- ☐ 1. Social mobilisation, economic development, and education
 - ☒ 2. Social mobilisation, capital formation, and capacity building of the poor
 - ☐ 3. Collective empowerment, capital formation, and poverty eradication
 - ☐ 4. Public resource allocation, capacity building, and microfinance

Q.8 Which port situated at the head of Gulf of Kutch has helped to reduce the pressure at Mumbai port?

- Ans**
- ☐ 1. Kochi
 - ☒ 2. Kandla
 - ☐ 3. Kolkata
 - ☐ 4. Haldia

Q.9 Which of the following is NOT a salient feature of Fundamental Duties of the Indian Constitution?

- Ans**
- ☐ 1. Fundamental Duties are both civic and moral in nature.
 - ☐ 2. There is clear difference between Fundamental Rights and Fundamental Duties.
 - ☐ 3. It is non-justiciable.
 - ☒ 4. They are enforceable by law and can be challenged in court.

Q.10 Identify the personality on the basis of the given clues:

i) She is an acclaimed Bharatanatyam dancer.

ii) She is the recipient of Padma Shri 2016 award.

- Ans**
-  1. Padma Sharma
 -  2. Pratibha Prahlad
 -  3. Padmaja Reddy
 -  4. Aruna Mohanty

Q.11 According to National Multidimensional Poverty Index 2023 (A Progress Review), what is the percentage of the total population who are multidimensionally poor (Headcount Ratio) in Bihar state?

- Ans**
-  1. 33.76%
 -  2. 40.54%
 -  3. 45.98%
 -  4. 36.12%

Q.12 Which of the following folk dances is conducted during the Bwisagu Festival?

- Ans**
-  1. Bihu dance
 -  2. Bhortal
 -  3. Jhumur
 -  4. Bagurumba

Q.13 Cyanobacteria belong to the domain of:

- Ans**
-  1. Producers
 -  2. Decomposers
 -  3. Primary Consumers
 -  4. Tertiary Consumers

Q.14 The Indian reformer Jyotirao Phule was primarily critical of which social evil of the Indian society?

- Ans**
-  1. Child Marriage
 -  2. Poverty
 -  3. Caste Discrimination
 -  4. Sati System

Q.15 The oceanic trenches or the narrow depressions on the seafloor are formed by reason of:

- Ans**
-  1. thermohaline circulation
 -  2. tectonic activity
 -  3. tidal currents
 -  4. tsunamis

Q.16 Which of the following is a natural indicator for acid and base?

- Ans**
-  1. China rose
 -  2. Fungi
 -  3. Curry tree
 -  4. Algae

Q.17 Which of the following rivers flows through Madhya Pradesh?

- Ans**
-  1. Betwa
 -  2. Shyok
 -  3. Sharda
 -  4. Bhima

Q.18 In the number 0.002609, the number of significant figures is _____.

- Ans**
-  1. six
 -  2. three
 -  3. seven
 -  4. four

Q.19 The Hindi novel 'Jhutha Sach' is written by:

- Ans**
-  1. Premchand
 -  2. Yashpal
 -  3. Jaishankar Prasad
 -  4. Shrilal Shukla

Q.20 Which treatise of Indian classical music was composed by Pandit Sharanga Deva?

- Ans**
-  1. Sangeet Ratnakar
 -  2. Sangeet Makarand
 -  3. Sangeet Tarang
 -  4. Sangeet Samay Saar

Q.21 Match the monuments with their respective builders.

Monuments		Builders	
A	Jama Masjid at Delhi	1	Babur
B	Allahabad Fort	2	Sher Shah
C	Quila I Kunhan Masjid	3	Shah Jahan
D	Jama Masjid at Sambhal	4	Akbar

- Ans**
-  1. A-2, B-1, C-3, D-4
 -  2. A-4, B-1, C-2, D-3
 -  3. A-3, B-2, C-4, D-1
 -  4. A-3, B-4, C-2, D-1

Q.22 According Census 2011 of India, which of the following union territories has the second highest literacy rate?

- Ans**
-  1. Lakshadweep
 -  2. Chandigarh
 -  3. Andaman and Nicobar
 -  4. Daman and Diu

Q.23 In which year did Rohan Bopanna become world number one in the Men's Doubles category of Lawn Tennis?

- Ans**
-  1. 2017
 -  2. 2015
 -  3. 2024
 -  4. 2023

Q.24 What is the term used for the line that a raider must cross to score points in Kabaddi?

- Ans**
-  1. Baulk line
 -  2. Half line
 -  3. Centre line
 -  4. Bonus line

Q.25 'Attolu Eidu' is the cultural festival of which of the following union territories?

- Ans**
-  1. Andaman and Nicobar Islands
 -  2. Dadra and Nagar Haveli
 -  3. Jammu and Kashmir
 -  4. Lakshadweep

Q.1 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Abolished
 - ☒ 2. Abodomen
 - ☐ 3. Annoyed
 - ☐ 4. Adverse

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

My mother said / that the thief / Ramesh will learnt / his lesson soon.

- Ans**
- ☐ 1. his lesson soon.
 - ☐ 2. My mother said
 - ☐ 3. that the thief
 - ☒ 4. Ramesh will learnt

Q.3 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.
Wolfia is the tiny plant in the world.

- Ans**
- ☐ 1. more tiny
 - ☒ 2. tiniest
 - ☐ 3. most tiny
 - ☐ 4. tinier

Q.4 Select the most appropriate option to fill in the blank.
The farmer stood by the roadside stand to sell his _____.

- Ans**
- ☐ 1. productivity
 - ☒ 2. produce
 - ☐ 3. volume
 - ☐ 4. consequence

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Sree did not go to work today, as she was feeling a bit under the weather.

- Ans**
- ☒ 1. feeling ill
 - ☐ 2. feeling excited
 - ☐ 3. feeling tired
 - ☐ 4. feeling nervous

Q.6 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Conceive
 - ☐ 2. Disappear
 - ☐ 3. Consensus
 - ☒ 4. Disapoint

Q.7 Select the **INCORRECTLY** spelt word from the given sentence.

The explorer's adventuros spirit led to the discovery of an ancient civilisation.

- Ans**
- ☐ 1. Discovery
 - ☒ 2. Adventuros
 - ☐ 3. Explorer's
 - ☐ 4. Ancient

Q.8 Select the most appropriate ANTONYM that can substitute the underlined segment in the given sentence.

The family members described their dream home's architectural elegance.

- Ans**
- ☐ 1. grandiosity
 - ☐ 2. gleam
 - ☐ 3. fortitude
 - ☒ 4. coarseness

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence.

I had to choose the best of the two options available.

- Ans**
- ☐ 1. good of
 - ☐ 2. best than
 - ☐ 3. better than
 - ☒ 4. better of

Q.10 Select the most appropriate ANTONYM for the underlined word in the given sentence.

He is a lazy person.

- Ans**
- ☐ 1. perfect
 - ☒ 2. hardworking
 - ☐ 3. popular
 - ☐ 4. casual

Q.11 Select the most appropriate option to fill in the blank.

Please turn off the lights _____ leaving the house.

- Ans**
- ☐ 1. between
 - ☒ 2. before
 - ☐ 3. during
 - ☐ 4. amid

Q.12 Select the most appropriate synonym of the underlined word in the given sentence.

James is just an old eccentric.

- Ans**
- ☐ 1. Humble
 - ☐ 2. Ordinary
 - ☐ 3. Follower
 - ☒ 4. Cranky

Q.13 The following sentence has been split into four segments. Identify the segment that contains an error in phrasal verb.

Gita got onto / the book / she was reading / this morning.

- Ans**
- ☐ 1. this morning
 - ☐ 2. she was reading
 - ☐ 3. the book
 - ☒ 4. Gita got onto

Q.14 Identify the most appropriate ANTONYM of the word in brackets.

Her candid remarks were a (refreshing) change from the usual diplomatic responses.

- Ans**
- ☐ 1. Revitalising
 - ☐ 2. Invigorating
 - ☐ 3. Bracing
 - ☒ 4. Stale

Q.15 Select the most appropriate adjective to fill in the blank.

According to the chairman, his proposal was _____ than Mr. Jackson's.

- Ans**
- ☒ 1. worse
 - ☐ 2. worst
 - ☐ 3. bad
 - ☐ 4. ill

Q.16 Select the most appropriate option that can substitute the underlined segment without changing its meaning in the given sentence.

Entrepreneurial endeavours drive economic growth and innovation, empowering individuals to bring their ideas to fruition.

- Ans**
- ☐ 1. projects discourage economic prosperity
 - ☐ 2. pursuits manipulates economic success
 - ☒ 3. ventures contribute to economic flourishing
 - ☐ 4. actions spur economic recession

Q.17 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

After the match, / the stadium was the messiest / it's ever been.

- Ans**
- ☐ 1. it's ever been
 - ☐ 2. After the match
 - ☒ 3. No Error
 - ☐ 4. the stadium was the messiest

Q.18 Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.

The tailor was called to stitch the long loose gowns worn by priests and choristers.

- Ans**
- ☒ 1. cassocks
 - ☐ 2. frocks
 - ☐ 3. tuxedos
 - ☐ 4. petticoats

Q.19 Select the most appropriate option to fill in the blanks.

He is going to _____ the campaign against excessive use of _____ in local production units.

- Ans**
- ☐ 1. protest
 - ☐ 2. spice
 - ☒ 3. lead
 - ☐ 4. combat

Q.20 Select the option that will improve the underlined part of the given sentence.

I started feeling tired as I had been working for a long time and so I decided to call the day.

- Ans**
- ☐ 1. be a day for calling
 - ☐ 2. call off the day
 - ☒ 3. call it a day
 - ☐ 4. be called a day

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1) _____ scientific, political, and philosophical debate that characterised European culture (2) _____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3) _____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4) _____ in favour of exploration, individuality, tolerance, and scientific (5) _____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1..

- Ans**
- ☒ 1. cautions
 - ☒ 2. rigorous
 - ☒ 3. auspicious
 - ☒ 4. malicious

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1) _____ scientific, political, and philosophical debate that characterised European culture (2) _____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3) _____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4) _____ in favour of exploration, individuality, tolerance, and scientific (5) _____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2..

- Ans**
- ☒ 1. along with
 - ☒ 2. over with
 - ☒ 3. throughout
 - ☒ 4. above

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1) _____ scientific, political, and philosophical debate that characterised European culture (2) _____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3) _____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4) _____ in favour of exploration, individuality, tolerance, and scientific (5) _____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3..

- Ans**
- ☒ 1. shield
 - ☒ 2. embed
 - ☒ 3. shift
 - ☒ 4. secure

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1) _____ scientific, political, and philosophical debate that characterised European culture (2) _____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3) _____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4) _____ in favour of exploration, individuality, tolerance, and scientific (5) _____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4..

- Ans**
- ☒ 1. defrosted
 - ☒ 2. dejected
 - ☒ 3. demean
 - ☒ 4. discarded

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The Enlightenment, sometimes known as the 'Age of Reason', is described as the period of (1)_____ scientific, political, and philosophical debate that characterised European culture (2)_____ the 'long' 18th century: from the late 17th century until the end of the Napoleonic Wars in 1815. This was an era of an enormous (3)_____ in thinking and reason, which historian Roy Porter describes as 'decisive in the formation of modernity'. Centuries of custom and tradition were (4)_____ in favour of exploration, individuality, tolerance, and scientific (5)_____, all of which contributed to the formation of the 'modern world'.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5..

- Ans**
-  1. doodle
 -  2. endeavour
 -  3. slacken
 -  4. shirk

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	30/10/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 By selling an article for ₹19.5, a dealer makes a profit of 25%. By how much should he increase his selling price (in ₹) so as to make a profit of 50%?

- Ans
- ☐ 1. 5.9
 - ☒ 2. 3.9
 - ☐ 3. 6.9
 - ☐ 4. 4.9

Q.2 A man travels from Town A to Town B. The following table shows the distance travelled by him in 4 hours.

Time	Up to 1 hour	Up to 2 hours	Up to 3 hours	Up to 4 hours
Distance (in km)	45	82	122	157

During his journey from Town A to Town B, in which hour does the man cover the maximum distance?

- Ans
- ☐ 1. 3rd hour
 - ☒ 2. 1st hour
 - ☐ 3. 4th hour
 - ☐ 4. 2nd hour

Q.3 The marked price of a washing machine is ₹15,000. A retailer buys it at ₹11,250, after getting two successive discount of 15% and another rate which is illegible. What is the second discount rate?

- Ans
- ☐ 1. $10\frac{11}{13}\%$
 - ☒ 2. $11\frac{13}{17}\%$
 - ☐ 3. $8\frac{3}{7}\%$
 - ☐ 4. $12\frac{4}{9}\%$

Q.4 அடிப்பக்க விட்டம் 14 cm மற்றும் உயரம் 24 cm எனக் கொண்ட ஒரு நேர்வட்ட கூம்பின் மொத்த புறப்பரப்பு (cm^2 இல்) எவ்வளவு? ($\pi = \frac{22}{7}$ எனக் கொள்ளவும்.)

- Ans
- ☐ 1. 712
 - ☐ 2. 708
 - ☒ 3. 704
 - ☐ 4. 700

Q.5 ஒன்பது எண்களின் சராசரி என்பது 360 ஆகும் எனில், ஒன்பது எண்களின் கூட்டுத்தொகை என்ன?

- Ans
- ☒ 1. 3240
 - ☐ 2. 1620
 - ☐ 3. 40
 - ☐ 4. 3420

Q.6 16 cm விட்டம் மற்றும் 4 cm உயரம் கொண்ட ஒரு திட உருளையை உருக்கி, ஒரே அளவிலான 12 திடக் கோளங்கள் உருவாக்கப்படுகின்றன. எனில், ஒவ்வொரு கோளத்தின் விட்டம் _____ ஆகும்.

- Ans
- ☐ 1. $8 \times 2^{\frac{1}{3}}$ cm
 - ☒ 2. $4 \times 2^{\frac{1}{3}}$ cm
 - ☐ 3. $12 \times 2^{\frac{1}{3}}$ cm
 - ☐ 4. $6 \times 2^{\frac{1}{3}}$ cm

Q.7 மூன்று மணிகள் முறையே 12, 15 மற்றும் 18 நிமிட இடைவெளியில் ஒலிக்கின்றன. அந்த மூன்று மணிகளும் ஒன்றாக 8 a.m. இல் ஒலித்தால், அவை அடுத்து எப்போது ஒன்றாக ஒலிக்கும்?

- Ans
- ☐ 1. 10 a.m.
 - ☐ 2. 8 a.m.
 - ☒ 3. 11 a.m.
 - ☐ 4. 3 p.m.

Q.8 ஒரு பொருளின் விலையானது அடுத்தடுத்து 10% மற்றும் 20% என அதிகரித்து, பின் அதன் விலை 25% குறைந்தால், அதன் விலையில் ஏற்படும் நிகர அதிகரிப்பு/குறைவு சதவீதம் எவ்வளவு?

- Ans
- ☐ 1. 5% குறைவு
 - ☐ 2. 5% அதிகரிப்பு
 - ☐ 3. 1% அதிகரிப்பு
 - ☒ 4. 1% குறைவு

Q.9 ராகுல் ஒரு பொருளை அதன் அடக்க விலைக்கு மேல் 8% க்கு விற்கிறார். அவர் அப்பொருளை வாங்கிய விலையை விட 5% குறைவாக வாங்கி, அதை ₹8 குறைவாக விற்ப்புநீர்தால் 12% ஈட்டப்படும் வட்டியைக் கண்டறியவும். எனில், அப்பொருளின் அடக்க விலையைக் கண்டறியவும்.

- Ans
- ☐ 1. ₹650
 - ☐ 2. ₹550
 - ☒ 3. ₹500
 - ☐ 4. ₹700

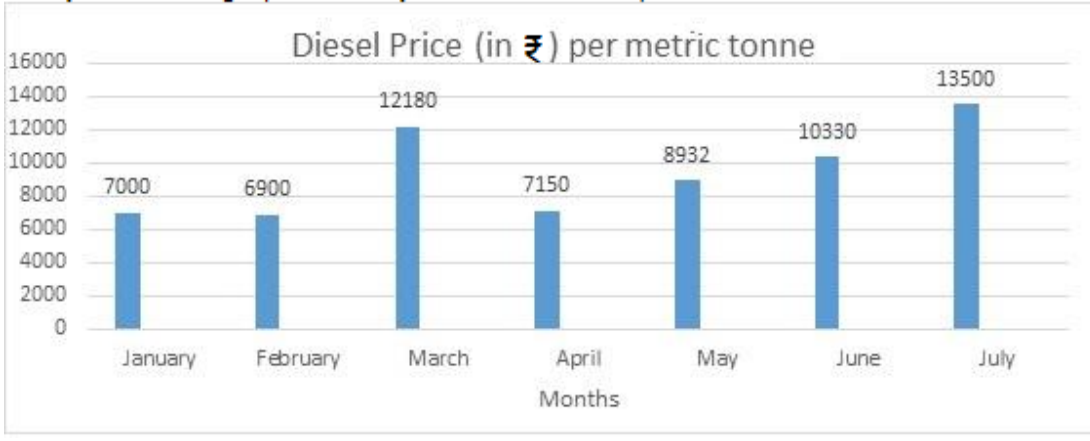
Q.10 ₹2000 என்ற தொகையானது ஆண்டுக்கு 8% என்ற தனி வட்டி வீதத்தில் 6 ஆண்டுகளுக்கு கட்டாக வாங்கப்படுகிறது. எனில், அத்தொகையின் மீது ஈட்டப்படும் வட்டியைக் கண்டறியவும் (₹இல்) ?

- Ans
- ☐ 1. 920
 - ☐ 2. 900
 - ☒ 3. 960
 - ☐ 4. 1000

Q.11 VIII ம் வகுப்பின் A மற்றும் B ஆகிய இரண்டு பிரிவுகளில் முறையே 42 மற்றும் 38 மாணவர்கள் உள்ளனர். பிரிவு A இன் சராசரி மதிப்பெண்கள் 400 ஆகவும், பிரிவு B இன் சராசரி மதிப்பெண்கள் 320 ஆகவும் இருந்தால், முழு வகுப்பின் சராசரி மதிப்பெண்களைக் கண்டறியவும்.

- Ans
- ☒ 1. 362
 - ☐ 2. 360
 - ☐ 3. 310
 - ☐ 4. 576

Q.12 கீழே உள்ள வரைபடத்தை கவனமாக படித்து கேள்விக்கு பதிலளிக்கவும்.



ஏப்ரல் முதல் ஜூலை வரையிலான டீசல் விலையில் ஏற்பட்ட சதவீத அதிகரிப்பு (தசமத்திற்குப் பிறகு ஒரு இலக்கத்திற்கு திருத்தவும்) எவ்வளவு?

குறிப்பு: Diesel price (in ₹) per metric tonne - ஒரு மெட்ரிக் டன்னுக்கு டீசல் விலை (₹ இல்); Months-மாதங்கள்; January -ஜனவரி; February-பிப்ரவரி; March-மார்ச்; April-ஏப்ரல்; May-மே; June-ஜூன்; July-ஜூலை

- Ans
- ☒ 1. 88.8%
 - ☐ 2. 69.5%
 - ☐ 3. 89.3%
 - ☐ 4. 76.5%

Q.13 ஒரு திருடன், 525 மீட்டர் தூரத்தில் இருந்த போலீஸ்காரரைப் பார்த்தவுடன் 18 km/h என்ற வேகத்தில் ஓடத் தொடங்கினான். போலீஸ்காரர் உடனடியாக 21 km/hr என்ற வேகத்தில் திருடனை துரத்திச் சென்று பிடித்தார். போலீஸ்காரரிடம் பிடிபடுவதற்கு முன், திருடன் எவ்வளவு தூரம் ஓடினான்?

- Ans
- ☐ 1. 3100 m
 - ☐ 2. 3125 m
 - ☐ 3. 3175 m
 - ☒ 4. 3150 m

Q.14 ஒரு திருடனை 400 m தொலைவில் இருந்து ஒரு போலீஸ்காரர் கவனிக்கிறார். திருடன் 8 km/h வேகத்தில் ஓடத் தொடங்குகிறான், போலீஸ்காரர் 9 km/h வேகத்தில் அவனைத் துரத்துகிறார். 18 நிமிடங்களுக்குப் பிறகு அவர்களுக்கு இடையே உள்ள தூரம் என்ன?

- Ans
- ☐ 1. 300 m
 - ☒ 2. 100 m
 - ☐ 3. 200 m
 - ☐ 4. 150 m

Q.15 ஒரு அரைக்கோளத்தின் விட்டம் 14 cm எனில், அதன் மொத்த புறப்பரப்பு _____ ஆகும்.

- Ans
- ☐ 1. 624 cm²
 - ☐ 2. 454 cm²
 - ☐ 3. 554 cm²
 - ☒ 4. 462 cm²

Q.16 ராம் மற்றும் ஷ்யாமின் சராசரி மாத பாக்கெட் மணி ₹2,460 ஆகும். ஷ்யாம் மற்றும் மனோகரின் சராசரி மாத பாக்கெட் மணி ₹2,380 மற்றும் மனோகர் மற்றும் ராமின் சராசரி மாத பாக்கெட் மணி ₹2,760 ஆகும். எனில், ராமின் மாதாந்திர பாக்கெட் மணியை மட்டும் எவ்வளவு எனக் காணவும்.

- Ans
- ☐ 1. ₹2,408
 - ☒ 2. ₹2,840
 - ☐ 3. ₹2,048
 - ☐ 4. ₹2,480

Q.17 ஒரு தொகையின் மீது ஆண்டுக்கு 4% தனி வட்டி வீதத்தில் 2 ஆண்டுகளில் ₹240 வட்டியாகக் கிடைக்கும் எனில் அந்தத் தொகை என்ன (₹இல்)?

- Ans
- ☐ 1. 6000
 - ☒ 2. 3000
 - ☐ 3. 4000
 - ☐ 4. 1500

Q.18 ஒரு பையில் 5: 6: 8 என்ற விகிதத்தில் 1 ரூபாய், 0.5 ரூபாய் மற்றும் 0.25 ரூபாய் நாணயங்கள் உள்ளன. பையில் உள்ள மொத்தப் பணம் ₹420 எனில், 1 ரூபாய், 0.5 ரூபாய் மற்றும் 0.25 ரூபாய் நாணயங்களின் எண்ணிக்கை முறையே _____ ஆகும்.

- Ans
- ☐ 1. 216, 252, 292
 - ☐ 2. 212, 232, 312
 - ☒ 3. 210, 252, 336
 - ☐ 4. 208, 272, 352

Q.19 வகுப்பு I இல் சராசரியாக 20 வயதுடைய 12 மாணவர்களும், வகுப்பு II இல் சராசரியாக 23 வயதுடைய 16 மாணவர்களும் உள்ளனர். எனில், அவ்விரண்டு வகுப்புகளின் சராசரி வயது (தோராயமாக) என்ன?

- Ans
- ☒ 1. 21.7 ஆண்டுகள்
 - ☐ 2. 15.3 ஆண்டுகள்
 - ☐ 3. 20.7 ஆண்டுகள்
 - ☐ 4. 17.6 ஆண்டுகள்

Q.20 ஒரு நபர், ₹40,000 என்ற ஒரு தொகையை இரண்டு பகுதிகளாக கடனாக கொடுத்தார். ஒன்றை ஆண்டுக்கு 7% வீதம் மற்றும் மற்றொன்றை ஆண்டுக்கு 6% வீத வட்டிக்கும் கொடுத்தார். அத்தொகை மீதான மொத்த வருடாந்திர தனிவட்டி ₹2,550 எனில், 7% வீதத்தில் அளிக்கப்பட்ட கடன் தொகை எவ்வளவு?

- Ans
- ☐ 1. ₹21,000
 - ☐ 2. ₹18,000
 - ☒ 3. ₹15,000
 - ☐ 4. ₹26,000

Section : Reasoning Ability and Problem Solving

Q.1 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All laptops are desktops.
No desktop is a computer.

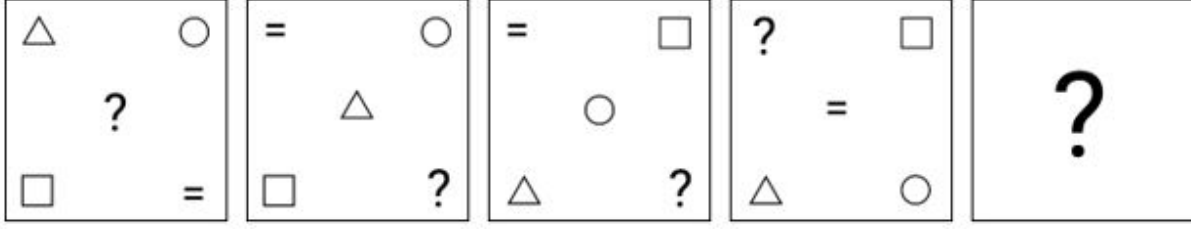
Conclusions:
(I) No laptop is a computer.
(II) Some computers are desktops.

- Ans
- ☐ 1. Both conclusion I and II follow
 - ☐ 2. Only conclusion II follows
 - ☒ 3. Only conclusion I follows
 - ☐ 4. Neither conclusion I nor II follows

Q.2 LJPN is related to SQWU in a certain way based on the English alphabetical order. In the same way, JHNL is related to QOUS. To which of the following is OMSQ related, following the same logic?

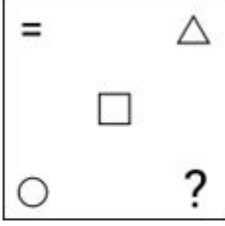
- Ans
- ☐ 1. TVZX
 - ☒ 2. VTZX
 - ☐ 3. TVXZ
 - ☐ 4. VTXZ

Q.3 தொடரை தர்க்கரீதியாக நிறைவு செய்யுமாறு, கேள்விக்குறிக்கு (?) பதிலாக வரும் வரைபடத்தை, கொடுக்கப்பட்டுள்ள விருப்பத்தேர்வுகளிலிருந்து அடையாளம் காணவும்.

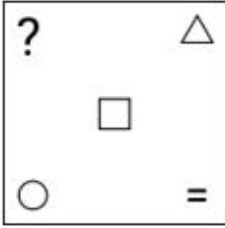


Ans

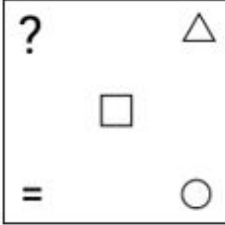
✗ 1.



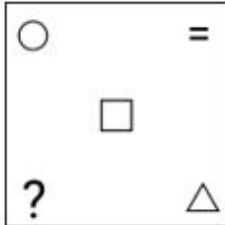
✗ 2.



✓ 3.



✗ 4.



Q.4 Lalla, Bablu, Mahesh, Abdul, Arif, Surekha and Kiku are sitting around a circular table, facing the centre (but not necessarily in the same order). Lalla sits 2nd to the right of Bablu. Mahesh sits 3rd to the left of Abdul. Arif sits to the immediate left of Abdul. Surekha is an immediate neighbour of Bablu. Kiku is not an immediate neighbour of Surekha. Who sits third to the right of Abdul?

Ans

✗ 1. Bablu

✗ 2. Surekha

✗ 3. Kiku

✓ 4. Lalla

Q.5 POEN is related to LKAJ in a certain way based on the English alphabetical order. In the same way, RADIUS is related to NWZEQO. To which of the following is LOGIC related, following the same logic?

Ans

✗ 1. HGCFY

✓ 2. HKCEY

✗ 3. GKCEY

✗ 4. HKCFY

Q.6 11 is related to 57 following a certain logic. Following the same logic, 14 is related to 72. To which of the following is 17 related, following the same logic?

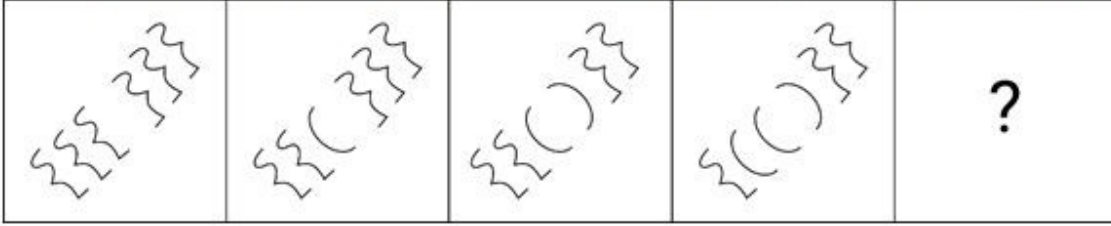
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans
- ☒ 1. 83
 - ☒ 2. 89
 - ☒ 3. 87
 - ☒ 4. 85

Q.7 ஒரு குறிப்பிட்ட குறியீட்டு மொழியில், 'GET' என்பது '50' எனவும், 'CAB' என்பது '76' எனவும் குறியிடப்பட்டுள்ளது. எனில், அந்த மொழியில் 'RUN' என்பது எவ்வாறு குறியிடப்படுகிறது ?

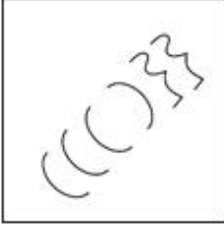
- Ans
- ☒ 1. 28
 - ☒ 2. 31
 - ☒ 3. 29
 - ☒ 4. 30

Q.8 தொடரை தர்க்கரீதியாக நிறைவு செய்யுமாறு, கேள்விக்குறிக்கு (?) பதிலாக வரும் வரைபடத்தை கொடுக்கப்பட்டுள்ள விருப்பத்தேர்வுகளிலிருந்து அடையாளம் காணவும்.

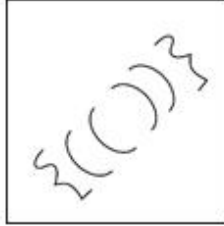


Ans

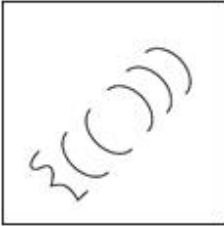
☒ 1.



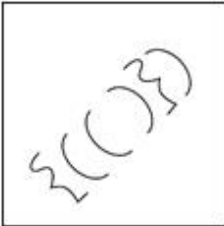
☒ 2.



☒ 3.



☒ 4.



Q.9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All doors are locks.

Some doors are keys.

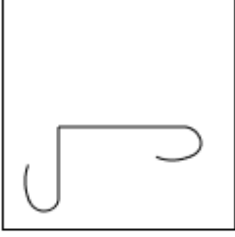
Conclusions:

(I) Some locks are keys.

(II) Some keys are doors.

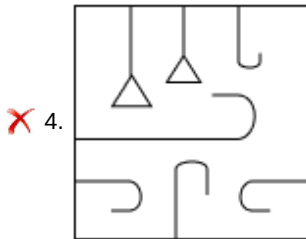
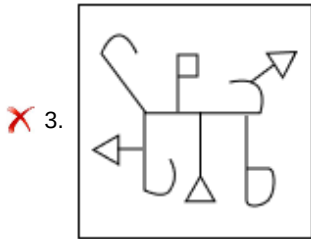
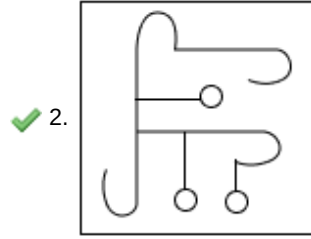
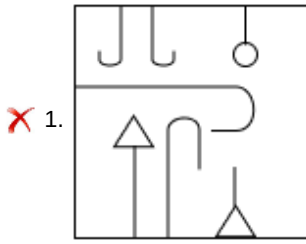
- Ans
- ☒ 1. Only conclusion I follows
 - ☒ 2. Only conclusion II follows
 - ☒ 3. Both conclusions I and II follow
 - ☒ 4. Neither conclusion I nor II follows

Q.10 கொடுக்கப்பட்ட வரைபடம் (X)-ஐ தனது பகுதியாக உட்பொதித்துள்ள விருப்ப வரைபடத்தைத் தேர்ந்தெடுக்கவும் (சுழற்சி அனுமதிக்கப்படாது)



(X)

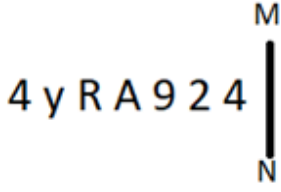
Ans



Q.11 ஒரு குறிப்பிட்ட குறியீட்டு மொழியில், 'you may laugh' என்பது 'CD EJ KO' என்றும், மற்றும் 'may I go' என்பது 'TK PO EJ' என்றும் குறியிடப்பட்டுள்ளது. எனில், அந்த குறியீட்டு மொழியில் 'may' என்பது எவ்வாறு குறியிடப்படுகிறது?

- Ans
- ☒ 1. CD
 - ☒ 2. PO
 - ☒ 3. TK
 - ☒ 4. EJ

Q.12 கீழே காட்டப்பட்டுள்ளபடி, MN இல் கண்ணாடி வைக்கப்படும் போது, உருவாகும் கொடுக்கப்பட்ட வரைபடத்தின் சரியான கண்ணாடிப் பிம்பத்தைத் தேர்ந்தெடுக்கவும்.



- Ans
- ☒ 1.
 - ☒ 2.
 - ☒ 3.
 - ☒ 4.

Q.13 Seven colleagues (L, M, N, O, P, Q, R) are sitting around a circular meeting table, all facing towards the centre (but not necessarily in the same order). O is sitting to the immediate right of L, while P is sitting to the immediate left of L. Only Q is sitting between R and N, and another one of R's immediate neighbours is M, who is also an immediate neighbour of O. Which two of the following are not immediate neighbours?

- Ans
- ☒ 1. R and M
 - ☒ 2. Q and N
 - ☒ 3. P and N
 - ☒ 4. O and R

Q.14 பின்வரும் சமன்பாட்டில், '+' மற்றும் '-' ஆகியவற்றை ஒன்றுக்கொன்று பரிமாற்றி, மற்றும் 'x' மற்றும் '÷' ஆகியவற்றை ஒன்றுக்கொன்று பரிமாற்றிக் கொண்டால், கேள்விக்குறியின் (?) இடத்தில் என்ன வரும்?
 $102 - 36 + 59 \div 4 \times 2 = ?$

- Ans
- ☒ 1. 10
 - ☒ 2. 20
 - ☒ 3. 5
 - ☒ 4. 15

Q.15 குறியீட்டு மொழியில், 'XCMY' என்பது 'AHPD' எனவும், 'PGVK' என்பது 'SLYP' எனவும் குறியிடப்பட்டுள்ளது. எனில், அந்த மொழியில் 'JOCH' என்பது எப்படி குறியிடப்படும்?

- Ans
- ☒ 1. MTFM
 - ☒ 2. PSDN
 - ☒ 3. LTDL
 - ☒ 4. NRFK

Q.16 ஆங்கில அகரவரிசையின் அடிப்படையில் அமைந்த, கொடுக்கப்பட்ட தொடரிலுள்ள கேள்விக்குறிக்கு (?) பதிலாக என்ன வர வேண்டும்?

TQQ, PRM, LSI, HTE, ?

- Ans
- ☒ 1. EUA
 - ☒ 2. EUB
 - ☒ 3. DUB
 - ☒ 4. DUA

Q.17 2 என்பது, ஒரு குறிப்பிட்ட தர்க்கத்தைப் பின்பற்றி, 9 உடன் தொடர்புடையதாகும். அதே தர்க்கத்தைப் பின்பற்றி, 4 என்பது, 65 உடன் தொடர்புடையதாகும். எனில், 8 என்பது, அதே தர்க்கத்தைப் பின்பற்றி, பின்வருவனவற்றில் எதனுடன் தொடர்புடையதாகும் ?

(குறிப்பு: எண்களை அதன் கூறு இலக்கங்களாகப் பிரிக்காமல், முழு எண்களின் மீதே கணிதச் செயல்பாடுகள் செய்யப்பட வேண்டும். எ.கா. 13; 13 இன்மீது கூட்டல் / கழித்தல் / பெருக்கல் போன்ற செயல்பாடுகளைச் செய்யலாம். 13 ஐ, 1 மற்றும் 3 ஆக உடைத்து, பின்னர் அவற்றின் மீது கணித செயல்பாடுகளைச் செய்வது அனுமதிக்கப்படமாட்டாது.)

- Ans
- ☒ 1. 513
 - ☒ 2. 511
 - ☒ 3. 515
 - ☒ 4. 517

Q.18 கொடுக்கப்பட்ட விருப்பங்களிலிருந்து, பின்வரும் தொடர்வரிசையிலுள்ள கேள்விக்குறியை (?) மாற்றக்கூடிய எண்ணைத் தேர்ந்தெடுக்கவும்.

5, 16, 60, 236, 940, ?

- Ans
- ☒ 1. 4678
 - ☒ 2. 3756
 - ☒ 3. 678
 - ☒ 4. 6899

Q.19 ஒரு குறிப்பிட்ட குறியீட்டு மொழியில், 'I like music' என்பது 'mo ro go' என்றும், 'can I go' என்பது 'ho mo bo' என்றும் எழுதப்பட்டுள்ளது. எனில், கொடுக்கப்பட்ட மொழியில் 'I' என்பது எவ்வாறு எழுதப்படுகிறது?

- Ans
- ☒ 1. ho
 - ☒ 2. mo
 - ☒ 3. go
 - ☒ 4. bo

Q.20 பின்வரும் சமன்பாட்டைச் சரி செய்ய, எந்த இரண்டு எண்களை ஒன்றுக்கொன்று பரிமாற்றிக் கொள்ள வேண்டும்?

$$9 \times 2 - (150 \div 5) + 24 + (32 \div 8) \times 6 + 15 = 71$$

(குறிப்பு: பரிமாற்றம் முழு எண்ணிலும் செய்யப்பட வேண்டும்; கொடுக்கப்பட்ட எண்ணின் தனி இலக்கங்களில் அல்ல)

- Ans
- ☒ 1. 5 மற்றும் 6
 - ☒ 2. 5 மற்றும் 15
 - ☒ 3. 9 மற்றும் 6
 - ☒ 4. 2 மற்றும் 6

Section : General Awareness

Q.1 முகமது பின் துக்ளக்கின் ஆட்சிக் காலத்தில், சீனாவுக்கு தூதராக அனுப்பப்பட்டவர் யார்?

- Ans
- ☒ 1. இபின் பதாதா
 - ☒ 2. ஜியாவுதீன் பரனி
 - ☒ 3. அல்-பிருனி
 - ☒ 4. ஹசன் நிஜாமி

Q.2 2011 மக்கள் தொகை கணக்கெடுப்பின்படி, இந்தியாவில் எந்த மாநிலம் அதிக மக்கள்தொகை அடர்த்தியைக் கொண்டுள்ளது?

- Ans
- ☒ 1. மேற்கு வங்காளம்
 - ☒ 2. உத்திர பிரதேசம்
 - ☒ 3. தமிழ்நாடு
 - ☒ 4. பீகார்

Q.3 பின்வருபவர்களில், பிரிட்டிஷ் அரசுக்கு எதிராக கிலாபத் இயக்கத்தைத் தொடங்கியவர்கள் யாவர்?

- Ans
- ☒ 1. சௌகத் அலி மற்றும் முகம்மது அலி
 - ☒ 2. சையத் நபியுல்லா மற்றும் MA அன்சாரி
 - ☒ 3. சையத் ராசா அலி மற்றும் முகம்மது அலி ஜின்னா
 - ☒ 4. மௌலானா மஸ்ஹுருல் ஹக் மற்றும் மிலன் அப்துல் அஜீஸ்

Q.4 பின்வரும் எந்த செல் நுண்ணுறுப்புக்குள், காற்று சுவாசத்தின் கிரெப்ஸ் (Krebs) சுழற்சி மேற்கொள்ளப்படுகிறது?

- Ans
- ☒ 1. உட்கரு (Nucleus)
 - ☒ 2. லைசோசோம்
 - ☒ 3. ஸ்பைரோகைரா (Spirogyra)
 - ☒ 4. மைட்டோகாண்ட்ரியா

Q.5 நவம்பர் 2023 இல், டிஜிட்டல் கொடுப்பனவு தளங்களில் பாதுகாப்பு விழிப்புணர்வை மேம்படுத்துவதற்காக, இந்திய தேசிய கொடுப்பனவு கழகத்தால் (NPCI) 'UPI பாதுகாப்பு தூதராக' ('UPI Safety Ambassador') நியமிக்கப்பட்டுள்ளவர் யார்?

- Ans
- ☒ 1. டாப்ஸி பன்னு
 - ☒ 2. ஆயுஷ்மான் குரானா
 - ☒ 3. பங்கஜ் திரிபாதி
 - ☒ 4. ராஜ்குமார் ராவ்

Q.6 ஆகஸ்ட் 25, 2023 அன்று, மாநிலம் முழுவதும் உள்ள 31,008 அரசுப் பள்ளிகளில் படிக்கும் 1 முதல் 5 ஆம் வகுப்பு வரையிலான மாணவர்களுக்காக 'காலை உணவுத் திட்டத்தை' அறிமுகப்படுத்திய மாநில அரசு எது?

- Ans
- ☒ 1. ஜார்கண்ட்
 - ☒ 2. கோவா
 - ☒ 3. கர்நாடகா
 - ☒ 4. தமிழ்நாடு

Q.7 பின்வரும் நடன நிகழ்ச்சிகளில் எது, கேலிக்கொட்டுடன் தொடங்குகிறது?

- Ans
- ☒ 1. கதகளி
 - ☒ 2. பரதநாட்டியம்
 - ☒ 3. ஒடிஸ்ஸி
 - ☒ 4. கதக்

Q.8 2022-23 ஆம் ஆண்டில், இந்தியாவில் இருந்து சாயம் மற்றும் வர்ணம் தயாரிப்பதற்கான இரசாயனப் பொருட்கள் (dye intermediates) மற்றும் ஆமணக்கு எண்ணெயை மிக அதிக அளவில் இறக்குமதி செய்த நாடு எது?

- Ans
- ☒ 1. பிரேசில்
 - ☒ 2. ஜப்பான்
 - ☒ 3. பெல்ஜியம்
 - ☒ 4. சீனா

Q.9 மத்திய அரசின் வரவு செலவு திட்டம் _____ என அழைக்கப்படுகிறது.

- Ans
- ☒ 1. வருடாந்திர எக்ஸ்போஸ்டு பட்ஜெட் (annual exposed budget)
 - ☒ 2. மாநில பட்ஜெட் (state budget)
 - ☒ 3. திருத்தப்பட்ட பட்ஜெட் (revised budget)
 - ☒ 4. யூனியன் பட்ஜெட் (union budget)

Q.10 கிண்டி தேசிய பூங்கா எந்த மாநிலத்தில் அமைந்துள்ளது?

- Ans
- ☒ 1. தமிழ்நாடு
 - ☒ 2. ராஜஸ்தான்
 - ☒ 3. மத்திய பிரதேசம்
 - ☒ 4. மகாராஷ்டிரா

Q.11 மண்ணின் pH மதிப்பு 7.5 ஐ விட அதிகமாக இருந்தால், அவை _____ என கருதப்படுகின்றது.

- Ans
- ☒ 1. கார மண்
 - ☒ 2. அடர் அமில மண்
 - ☒ 3. மித அமில மண்
 - ☒ 4. நடுநிலை (neutral) மண்

Q.12 பின்வரும் கூற்றுகளில் எது சரியானது?

- Ans
- ☒ 1. ஃபுளோரின் மிகஅதிக எலக்ட்ரான் நாட்டம் (affinity) மற்றும் மிகஅதிக எலக்ட்ரான் கவர்திறனைக் (electronegativity) கொண்டுள்ளது.
 - ☒ 2. குளோரின் மிகஅதிக எலக்ட்ரான் நாட்டத்தை கொண்டுள்ளது, அதே நேரத்தில் ஃபுளோரின் மிகஅதிக எலக்ட்ரான் கவர்திறனைக் கொண்டுள்ளது.
 - ☒ 3. ஃபுளோரின் மிகஅதிக எலக்ட்ரான் நாட்டத்தை கொண்டுள்ளது, அதே சமயம் புரோமின் மிகஅதிக எலக்ட்ரான் கவர்திறனைக் கொண்டுள்ளது.
 - ☒ 4. ஃபுளோரின் மிகஅதிக எலக்ட்ரான் நாட்டத்தை கொண்டுள்ளது, அதே நேரத்தில் குளோரின் மிக அதிக எலக்ட்ரான் கவர்திறனைக் கொண்டுள்ளது.

Q.13 பின்வருபவர்களில், 2000 ஆம் ஆண்டில், பத்ம விபூஷன் விருது பெற்ற நடன குரு யார்?

- Ans
- ☒ 1. கேலுசரண் மொஹபத்ரா
 - ☒ 2. இலியானா சிட்டாரிஸ்ட்
 - ☒ 3. பிரஜா மகராஜ்
 - ☒ 4. பிபின் சிங்

Q.14 'காமயானி', 'துருவஸ்வாமினி', 'கங்கல்', 'திட்லி', 'ஸ்கந்தகுப்தா', 'லஹர்' மற்றும் 'மம்தா' ஆகியவற்றை எழுதிய பின்வரும் எழுத்தாளர் யார்?

- Ans
- ☒ 1. ஜெய்சங்கர் பிரசாத்
 - ☐ 2. பீஷம் சாஹ்னி
 - ☐ 3. கிருஷ்ண சோப்தி
 - ☐ 4. சூர்யகாந்த் திரிபாதி நிராலா

Q.15 2023 இல், பெண்கள் ஆசிய ஹாக்கி சாம்பியன்ஸ் ட்ராஃபி போட்டியை நடத்திய இந்திய நகரம் எது?

- Ans
- ☐ 1. புவனேஷ்வர்
 - ☒ 2. ராஞ்சி
 - ☐ 3. போபால்
 - ☐ 4. புது தில்லி

Q.16 ஒரு தூதுவரான மெகஸ்தனிஸ், கிரேக்க ஆட்சியாளரான செலூகஸ் நிகேட்டரால், எந்த இந்திய ஆட்சியாளரின் அரசவைக்கு அனுப்பப்பட்டார்?

- Ans
- ☒ 1. சந்திரகுப்தர்
 - ☐ 2. அசோகர்
 - ☐ 3. புஷ்யமித்ர சுங்கா
 - ☐ 4. பிந்துசாரர்

Q.17 In which game are terms like break, cannons, cue, potting, and kissed commonly used?

- Ans
- ☐ 1. Polo
 - ☐ 2. Golf
 - ☒ 3. Billiards
 - ☐ 4. Chess

Q.18 எந்த நீதிப்பேராணை, 'நாங்கள் கட்டளையிடுகிறோம்' ('We Command') என அர்த்தமாகும்?

- Ans
- ☐ 1. ஆட்கொணர் நீதிப்பேராணை (Habeas Corpus)
 - ☐ 2. தடைமாற்று நீதிப்பேராணை (Certiorari)
 - ☒ 3. கட்டளை நீதிப்பேராணை (Mandamus)
 - ☐ 4. தடை நீதிப்பேராணை (Prohibition)

Q.19 தக்காளி சாஸில் பதப்பொருளாக, பொதுவாக எந்த இரசாயனக் கலவை பயன்படுத்தப்படுகிறது?

- Ans
- ☒ 1. சோடியம் பென்சோயேட்
 - ☐ 2. வினிகர்
 - ☐ 3. கார்னோசிக் அமிலம்
 - ☐ 4. பச்சை தேயிலை சாறு

Q.20 1905-இல், பின்வருபவர்களுள், MG ரனதே-வின் உதவியுடன், சர்வண்ட்ஸ் ஆஃப் இந்தியா சொஸைட்டி எனும் அமைப்பை நிறுவியவர் யார்?

- Ans
- ☐ 1. ஜவகர்லால் நேரு
 - ☐ 2. பால கங்காதர திலகர்
 - ☒ 3. கோபால கிருஷ்ண கோகலே
 - ☐ 4. மகாத்மா காந்தி

Q.21 எந்த இந்திய மாநிலத்தில், யாளை சிலைகள் எனப் பெயரிடப்பட்ட குகைகளை நாம் காணலாம்?

- Ans
- ☐ 1. ராஜஸ்தான்
 - ☒ 2. மகாராஷ்டிரா
 - ☐ 3. கர்நாடகா
 - ☐ 4. ஒடிஷா

Q.22 சிங்களம், பின்வரும் எந்த நாட்டின் ஆட்சிமொழியாகும்?

- Ans
- ☒ 1. இலங்கை
 - ☐ 2. மியான்மர்
 - ☐ 3. நேபாளம்
 - ☐ 4. மாலத்தீவு

Q.23 பரதநாட்டிய நடனத்திற்கு, அதன் இன்றைய நவீன வடிவத்தில் புத்துயிர் ஈட்டியவர் யார்?

- Ans
- ☒ 1. T பாலசரஸ்வதி
 - ☒ 2. மல்லிகா சாராபாய்
 - ☒ 3. ருக்மணி தேவி
 - ☒ 4. யாமினி கிருஷ்ணமூர்த்தி

Q.24 குடியரசுத் தலைவர் தனது பணிகளைச் செயல்படுத்துவதற்கு அவருக்கு உதவுவதற்கும் ஆலோசனை வழங்குவதற்கும் பிரதமரின் தலைமையில் ஒரு _____ இருக்கும்.

- Ans
- ☒ 1. பாராளுமன்றம்
 - ☒ 2. மாநிலங்களவை
 - ☒ 3. அமைச்சரவைக் குழு
 - ☒ 4. இந்தியாவின் தலைமை வழக்குரைஞர்

Q.25 மகாராஷ்டிராவின் கலாச்சார விளையாட்டான 'தஹி-ஹண்டி', எந்த பண்டிகையுடன் தொடர்புடையதாகும்?

- Ans
- ☒ 1. ராம நவமி
 - ☒ 2. ஹோலி
 - ☒ 3. கிருஷ்ண ஜென்மாஷ்டமி
 - ☒ 4. விநாயக சதுர்த்தி

Section : English Language and Comprehension

Q.1 Select the idiom that can substitute the bracketed word segment correctly and complete the given sentence meaningfully. The negotiations reached a point where both parties had to (confront the consequences of their actions) and make tough decisions.

- Ans
- ☒ 1. cut corners
 - ☒ 2. face the music
 - ☒ 3. break a leg
 - ☒ 4. get cold feet

Q.2 Select the most appropriate meaning of the underlined idiom in the given sentence. My old car was pressed into service as an emergency vehicle for my ailing grandmother.

- Ans
- ☒ 1. To use for a particular purpose when a special need occurs.
 - ☒ 2. Used to take someone to the hospital
 - ☒ 3. Asking for special maintenance
 - ☒ 4. Cared for by old people

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Ramya would gladly help Manya if you had asked her.

- Ans
- ☒ 1. was to have gladly helped
 - ☒ 2. is to gladly help
 - ☒ 3. would have gladly helped
 - ☒ 4. will gladly help

Q.4 Select the grammatically correct sentence from the given options.

- Ans
- ☒ 1. The hard disc of a computer on a desk needs to be repaired at the earliest.
 - ☒ 2. The hard disc of the computer on the desk needs to be repaired at the earliest.
 - ☒ 3. The hard disc of a computer on the desk needs to be repaired at an earliest.
 - ☒ 4. A hard disc of the computer on the desk needs to be repaired at the earliest.

Q.5 Select the most appropriate synonym of the given word.

Fabricate

- Ans
- ☒ 1. Fascinate
 - ☒ 2. Construct
 - ☒ 3. Floral
 - ☒ 4. Garments

Q.6 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Choronology
 - ☐ 2. Protein
 - ☐ 3. Soliloquy
 - ☐ 4. Competent

Q.7 Select the option that will improve the underlined part of the given sentence.

The sports teacher saw across the game and punished the students who were cheating in the game.

- Ans**
- ☒ 1. through
 - ☐ 2. beside
 - ☐ 3. underneath
 - ☐ 4. beneath

Q.8 Select the most appropriate adjective to fill in the blank.

After coming from a long journey he said, "It feels so _____ to be home".

- Ans**
- ☐ 1. much good
 - ☐ 2. better
 - ☐ 3. best
 - ☒ 4. good

Q.9 Select the most appropriate synonym of the underlined word in the following sentence.
You must adhere to the rules of this place.

- Ans**
- ☐ 1. Remember
 - ☒ 2. Comply
 - ☐ 3. Strict
 - ☐ 4. Aware

Q.10 Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.

We went to Bowbazaar in Kolkata to see the buildings for the lodging and accommodation of soldiers.

- Ans**
- ☐ 1. mints
 - ☐ 2. hostels
 - ☐ 3. paddocks
 - ☒ 4. barracks

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The company decided / to phase up its / outdated technology / and embrace innovation.

- Ans**
- ☐ 1. The company decided
 - ☐ 2. outdated technology
 - ☒ 3. to phase up its
 - ☐ 4. and embrace innovation.

Q.12 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The manager had / thrown up the / drunk people sitting / inside his office premises.

- Ans**
- ☐ 1. The manager had
 - ☒ 2. thrown up the
 - ☐ 3. drunk people sitting
 - ☐ 4. inside his office premises

Q.13 Select the option that can be used as a one-word substitute for the given group of words.
A word, number, or other figure that looks the same when viewed (or rotated) upside down.

- Ans**
- ☐ 1. Anadiplosis
 - ☐ 2. Alliteration
 - ☒ 3. Ambigram
 - ☐ 4. Anagram

Q.14 Select the most appropriate ANTONYM of the given word.

Piquant

- Ans**
-  1. Bitter
 -  2. Bland
 -  3. Delicious
 -  4. Delectable

Q.15 Parts of the following sentence have been given as options. Select the option that contains a grammatical error.
If you don't find any error, mark 'No error' as your answer.

Mohan is still confused about his higher studies.

- Ans**
-  1. his higher studies
 -  2. No error
 -  3. confused about
 -  4. Mohan is still

Q.16 The following sentence has been split into four segments. Identify the segment that contains an error in the usage of indefinite articles.

We have invited / our friends / for a / dinner.

- Ans**
-  1. for a
 -  2. We have invited
 -  3. our friends
 -  4. dinner

Q.17 Select the INCORRECTLY spelt word...

- Ans**
-  1. Squadroun
 -  2. Masquerade
 -  3. Caricature
 -  4. Vigilante

Q.18 Select the most appropriate synonym of the given word.
Fantastic

- Ans**
-  1. Practical
 -  2. Fanciful
 -  3. Delicate
 -  4. Graceful

Q.19 Select the INCORRECTLY spelt word..

- Ans**
-  1. Gesture
 -  2. Culture
 -  3. Lecture
 -  4. Postuer

Q.20 Select the most appropriate synonym of the given word.

Gregarious

- Ans**
-  1. Reserved
 -  2. Isolated
 -  3. Sociable
 -  4. Introverted

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Man, it would seem, has (1)_____ from arboreal apes. They lived a happy life in tropical forests, eating coconuts when they were hungry, and throwing them at each other when they were not. They were (2)_____ occupied in gymnastics and acquired an (3)_____ which to us is truly (4)_____. But after some millions of years of this arboreal paradise, their numbers increased to the point where the supply of coconuts was no longer (5)_____.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. extended
 - ☒ 2. descended
 - ☒ 3. recommended
 - ☒ 4. ascended

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Man, it would seem, has (1)_____ from arboreal apes. They lived a happy life in tropical forests, eating coconuts when they were hungry, and throwing them at each other when they were not. They were (2)_____ occupied in gymnastics and acquired an (3)_____ which to us is truly (4)_____. But after some millions of years of this arboreal paradise, their numbers increased to the point where the supply of coconuts was no longer (5)_____.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. professionally
 - ☒ 2. conspiratorially
 - ☒ 3. perpetually
 - ☒ 4. bisectionally

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Man, it would seem, has (1)_____ from arboreal apes. They lived a happy life in tropical forests, eating coconuts when they were hungry, and throwing them at each other when they were not. They were (2)_____ occupied in gymnastics and acquired an (3)_____ which to us is truly (4)_____. But after some millions of years of this arboreal paradise, their numbers increased to the point where the supply of coconuts was no longer (5)_____.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. civility
 - ☒ 2. variability
 - ☒ 3. agility
 - ☒ 4. density

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Man, it would seem, has (1)_____ from arboreal apes. They lived a happy life in tropical forests, eating coconuts when they were hungry, and throwing them at each other when they were not. They were (2)_____ occupied in gymnastics and acquired an (3)_____ which to us is truly (4)_____. But after some millions of years of this arboreal paradise, their numbers increased to the point where the supply of coconuts was no longer (5)_____.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. frightening
 - ☒ 2. boring
 - ☒ 3. astonishing
 - ☒ 4. disappointing

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Man, it would seem, has (1)_____ from arboreal apes. They lived a happy life in tropical forests, eating coconuts when they were hungry, and throwing them at each other when they were not. They were (2)_____ occupied in gymnastics and acquired an (3)_____ which to us is truly (4)_____. But after some millions of years of this arboreal paradise, their numbers increased to the point where the supply of coconuts was no longer (5)_____.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. delicate
 -  2. consecrate
 -  3. deficient
 -  4. adequate

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	04/11/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The perimeter of a rhombus is 68 cm and one of its diagonals is 30 cm. Its area is:

- Ans**
- ☐ 1. 230 cm²
 - ☒ 2. 240 cm²
 - ☐ 3. 245 cm²
 - ☐ 4. 250 cm²

Q.2 A conical tent of height 8 m and radius 15 m is to be built in a tracking camp. How much area of cloth is needed?

- Ans**
- ☐ 1. $120\pi m^2$
 - ☐ 2. $155\pi m^2$
 - ☐ 3. $136\pi m^2$
 - ☒ 4. $255\pi m^2$

Q.3 A shopkeeper claims that he sells rock salt at ₹23 per kg, which costs him ₹25 per kg. But he gives 800 g instead of 1,000 g. What is his percentage profit or loss?

- Ans**
- ☐ 1. Profit of 8%
 - ☐ 2. Loss of 5%
 - ☒ 3. Profit of 15%
 - ☐ 4. Loss of 3%

Q.4 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 8% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 580
 - ☐ 2. 680
 - ☐ 3. 600
 - ☒ 4. 640

Q.5 Riya sold two packets of detergent at ₹96 each. On one packet she gains 20% and on the other, she loses 20%. The net gain or loss in the complete process is:

- Ans**
- ☐ 1. Loss of ₹4
 - ☒ 2. Loss of ₹8
 - ☐ 3. Profit of ₹8
 - ☐ 4. Profit of ₹4

Q.6 The rate of nickel plating on a metal is ₹50 / m². If the cost of nickel plating on a curved surface area of a solid hemisphere is ₹600, find the cost of nickel coating on the total surface area of this hemisphere.

- Ans**
- ☐ 1. ₹1,000
 - ☒ 2. ₹900
 - ☐ 3. ₹800
 - ☐ 4. ₹700

Q.7 Ramesh sold a watch to Rahul at a gain of 10%, and Rahul sold it to Arun at a loss of 10%. If Arun paid ₹1,800 to Rahul, then for how much did Ramesh sell it to Rahul?

- Ans**
- ☐ 1. ₹2,500
 - ☐ 2. ₹3,500
 - ☒ 3. ₹2,000
 - ☐ 4. ₹3,000

Q.8 The salary of T in January, February and March is ₹15,000 per month. His salary in July, August, September, October, November and December is ₹30,000 per month. His average salary per month for the year is ₹27,000. What is his salary (in ₹) in April, May and June per month?

- Ans**
- ☐ 1. 25000
 - ☒ 2. 33000
 - ☐ 3. 28000
 - ☐ 4. 31000

Q.9 For what sum will the simple interest at $3\frac{3}{4}\%$ per annum be 210 in $2\frac{1}{3}$ years?

- Ans**
- ☐ 1. ₹1,600
 - ☐ 2. ₹2,250
 - ☒ 3. ₹2,400
 - ☐ 4. ₹1,980

Q.10 A person has to cover a distance of 8 km in 1 hour. If he covers one-fourth of the distance in one-third of the total time, then what should his speed (in km/h) be to cover the remaining distance in the remaining time so that the person reaches the destination exactly on time?

- Ans**
- ☐ 1. 7
 - ☒ 2. 9
 - ☐ 3. 6
 - ☐ 4. 8

Q.11 How many seconds does Tiwari take to cover a distance of 600 m if he runs at a speed of 10 km/h?

- Ans**
- ☐ 1. 212
 - ☐ 2. 200
 - ☐ 3. 205
 - ☒ 4. 216

Q.12 A shopkeeper offered following four different discount schemes for buyers on an item.

- A. Two successive discounts of 8%.
- B. A discount of 11% followed by a discount of 5%.
- C. Successive discounts of 13% and 3%
- D. A discount of 16%.

Which discount scheme should be opted for getting the item at minimum price?

- Ans**
- ☐ 1. A
 - ☒ 2. D
 - ☐ 3. C
 - ☐ 4. B

Q.13 Rishi bought a wrist watch for ₹2,200 and sold it at a cost of ₹1,980. What is the loss per cent?

- Ans**
- ☐ 1. 20%
 - ☒ 2. 10%
 - ☐ 3. 30%
 - ☐ 4. 40%

Q.14 The average of nine numbers is 6. When three new numbers are included, the average of the twelve numbers becomes 7.5. The average of three new numbers is:

- Ans**
- ☐ 1. 11.5
 - ☐ 2. 8
 - ☐ 3. 12.5
 - ☒ 4. 12

Q.15 Simplify the following.

$$\frac{4}{5} \div 3\frac{3}{4} \text{ of } \frac{2}{3} - \frac{\frac{1}{3} - \frac{1}{5}}{\frac{1}{3} + \frac{1}{5}} \times 1\frac{1}{3} + \frac{5}{6}$$

- Ans
- ☐ 1. $\frac{43}{51}$
 - ☐ 2. $\frac{41}{51}$
 - ☒ 3. $\frac{41}{50}$
 - ☐ 4. $\frac{43}{50}$

Q.16 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 66 kg and 39 kg is:

- Ans
- ☒ 1. 50
 - ☐ 2. 52
 - ☐ 3. 49
 - ☐ 4. 51

Q.17 The ratio of the number of boys to that of girls in a school is 7 : 9. If the number of girls in the school is 189, then the number of boys in that school is:

- Ans
- ☒ 1. 147
 - ☐ 2. 105
 - ☐ 3. 168
 - ☐ 4. 126

Q.18 The LCM of $x^3 - 27$, $x^2 - x - 6$, $x + 2$ is:

- Ans
- ☒ 1. $(x - 3)(x + 2)(x^2 + 3x + 9)$
 - ☐ 2. $(x - 3)(x + 2)(x^2 + 3x - 9)$
 - ☐ 3. $(x - 3)(x + 2)(x^2 - 3x + 9)$
 - ☐ 4. $(x + 3)(x + 2)(x^2 - 3x + 9)$

Q.19 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 67 kg and 35 kg is:

- Ans
- ☒ 1. 49.4
 - ☐ 2. 50.4
 - ☐ 3. 48.4
 - ☐ 4. 51.4

Q.20 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 5% per year rate of interest for 4 years.

- Ans
- ☐ 1. 640
 - ☐ 2. 740
 - ☐ 3. 660
 - ☒ 4. 700

Q.1 Select the correct combination of mathematical signs that can sequentially replace the * signs and balance the given equation.
 $12 * 3 * 4 = 6 * 8 * 8$

- Ans**
- ☒ 1. $\times, +, \times, -$
 - ☐ 2. $+, \times, -, +$
 - ☐ 3. $\times, -, \times, +$
 - ☐ 4. $\times, +, -, \times$

Q.2 MY 12 is related to NZ 60 in a certain way. In the same way, BF 14 is related to CG 70. To which of the following is KP 11 related following the same logic?

- Ans**
- ☐ 1. QR 55
 - ☒ 2. LQ 55
 - ☐ 3. QN 52
 - ☐ 4. VE 42

Q.3 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XDZ, THV, PLR, ?, HTJ

- Ans**
- ☐ 1. KPO
 - ☒ 2. LPN
 - ☐ 3. MPN
 - ☐ 4. LPO

Q.4 15 is related to 31 following a certain logic. Following the same logic, 21 is related to 43. To which of the following is 25 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☐ 1. 41
 - ☐ 2. 55
 - ☐ 3. 60
 - ☒ 4. 51

Q.5 WN 22 is related to AR 29 in a certain way. In the same way, MD 19 is related to QH 26. To which of the following is EV 35 related following the same logic?

- Ans**
- ☐ 1. ZI 42
 - ☐ 2. DK 42
 - ☐ 3. KD 42
 - ☒ 4. IZ 42

Q.6 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$56 - 14 \times 7 \div 22 + 63 = ?$$

- Ans**
- ☐ 1. 13
 - ☒ 2. 37
 - ☐ 3. 63
 - ☐ 4. 35

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All trees are branches.

Some branches are leaves.

Conclusions:

(I) All leaves are branches.

(II) All leaves are trees.

- Ans**
- ☒ 1. Only conclusion (I) follows.
 - ☒ 2. Neither conclusion (I) nor (II) follows
 - ☒ 3. Both conclusions (I) and (II) follow
 - ☒ 4. Only conclusion (II) follows.

Q.8 What should come in place of the question mark (?) in the given series?

483 502 521 540 559 ?

- Ans**
- ☒ 1. 562
 - ☒ 2. 573
 - ☒ 3. 586
 - ☒ 4. 578

Q.9 Seven people C, H, A, P, T, E and R are sitting around a circular table, facing the centre (but not necessarily in the same order). T is sitting to the immediate right of E and to the immediate left of R. Only one person is sitting between E and C when counted from the left of E. Only one person is sitting between R and H when counted from the right of R. Who is sitting to the immediate left of C?

- Ans**
- ☒ 1. H
 - ☒ 2. P
 - ☒ 3. A
 - ☒ 4. E

Q.10 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(7, 40, 9)

(9, 71, 10)

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. (8, 49, 12)
 - ☒ 2. (11, 106, 5)
 - ☒ 3. (13, 150, 19)
 - ☒ 4. (5, 12, 18)

Q.11 In a certain code language, 'eat your food' is written as 'wb hs lg' and 'food is tasty' is written as 'sw lj hs'. How is 'food' written in the given language?

- Ans**
- ☒ 1. li
 - ☒ 2. sw
 - ☒ 3. hs
 - ☒ 4. lg

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some dolls are balls.

All balls are puzzles.

Conclusions:

(I): Some dolls are puzzles.

(II): No doll is a puzzle.

- Ans**
- ☒ 1. Both conclusions (I) and (II) follow.
 - ☒ 2. Only conclusion (I) follows.
 - ☒ 3. Neither conclusion (I) nor (II) follows.
 - ☒ 4. Only conclusion (II) follows.

Q.13 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All laptops are speakers.

Some laptops are desktops.

Conclusions:

(I) Some speakers are desktops.

(II) Some desktops are not laptops.

- Ans**
- ☐ 1. Only conclusion II follows.
 - ☒ 2. Only conclusion I follows.
 - ☐ 3. Both conclusions I and II follow.
 - ☐ 4. Neither conclusion I nor II follows.

Q.14 According to a code language, 256 means 'they are nice', 637 means 'we are rude' and 358 means 'rude and nice'. What is the code for 'nice' in the same code language?

- Ans**
- ☐ 1. 7
 - ☐ 2. 8
 - ☒ 3. 5
 - ☐ 4. 3

Q.15 What should come in place of the question mark (?) in the given series?

526, 605, 684, 763, 842, ?

- Ans**
- ☐ 1. 929
 - ☐ 2. 933
 - ☐ 3. 927
 - ☒ 4. 921

Q.16 In a certain code language, 'N E W S' is coded as '2 @ 3 #' and 'D E W S' is coded as '4 @ 3 #'. What is the code for 'D' in that language?

- Ans**
- ☒ 1. 4
 - ☐ 2. @
 - ☐ 3. 2
 - ☐ 4. 3

Q.17 9 is related to 83 following a certain logic. Following the same logic, 13 is related to 171. To which of the following is 15 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☐ 1. 231
 - ☐ 2. 225
 - ☐ 3. 235
 - ☒ 4. 227

Q.18 In a certain code language, 'kill your ego' is written as 'li gt ry' and 'your aim is' is written as 'ht ry my'. How is 'your' written in the given language?

- Ans**
- ☐ 1. li
 - ☒ 2. ry
 - ☐ 3. my
 - ☐ 4. gt

Q.19 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing away from the centre (but not necessarily in the same order). Exactly three people are sitting between E and B when counted from the right of E. C is sitting second to the left of B. A is sitting to the immediate right of D. E and F are not neighbours. How many people are sitting between C and A when counted from the right of C?

- Ans**
- ☐ 1. 4
 - ☐ 2. 2
 - ☒ 3. 3
 - ☐ 4. 1

Q.20 KGNU is related to LHOJ in a certain way based on the English alphabetical order. In the same way, GCJE is related to HDKF. To which of the following is OKRM related, following the same logic?

- Ans**
- ☐ 1. PLNS
 - ☐ 2. LPNS
 - ☒ 3. PLSN
 - ☐ 4. LPSN

Section : **General Awareness**

Q.1 What is the year of foundation of the Women's Indian Association (WIA)?

- Ans**
- ☒ 1. 1917
 - ☐ 2. 1927
 - ☐ 3. 1907
 - ☐ 4. 1937

Q.2 The Republic Day parade is held every year at Kartavya Path, in which of the following cities?

- Ans**
- ☒ 1. New Delhi
 - ☐ 2. Dispur
 - ☐ 3. Bangalore
 - ☐ 4. Jaipur

Q.3 What is the primary objective of Microfinance Institutions (MFIs) in India?

- Ans**
- ☐ 1. To generate profits for shareholders
 - ☒ 2. To offer financial assistance and services to low-income individuals and entrepreneurs
 - ☐ 3. To provide financial services to large corporations
 - ☐ 4. To fund government projects

Q.4 Who among the following is appointed as the chairman of the 16th Finance Commission?

- Ans**
- ☒ 1. Arvind Panagariya
 - ☐ 2. NK Singh
 - ☐ 3. YV Reddy
 - ☐ 4. Dr Vijay Kelkar

Q.5 In which of the following groups of States and Union Territories is 'slash and burn' agriculture known as 'Dipa'?

- Ans**
- ☒ 1. Chhattisgarh and Andaman & Nicobar Islands
 - ☐ 2. Chhattisgarh and Lakshadweep
 - ☐ 3. Rajasthan and Andaman & Nicobar Islands
 - ☐ 4. Odisha and Puducherry

Q.6 'Doabs' are found in which physical feature of India?

- Ans**
- ☐ 1. The Himalayan Mountains
 - ☐ 2. The Coastal Plains
 - ☒ 3. The Northern Plains
 - ☐ 4. The Peninsular Plateau

Q.7 Water from melting snow or rainfall or the spring drains downwards through an area of land and finally gets mixed into a large water body like river or ocean. This area of land is called:

- Ans**
- ☐ 1. Estuary
 - ☐ 2. Delta
 - ☐ 3. Bay
 - ☒ 4. Drainage Basin

Q.8 A person with a very low count of red blood cells is medically known to have _____.

- Ans**
- ☐ 1. Scurvy
 - ☒ 2. Anaemia
 - ☐ 3. Goitre
 - ☐ 4. Jaundice

Q.9 Which dance guru of Kuchipudi dance got Padma Bhushan in 1998?

- Ans**
- ☒ 1. Guru Vempati Chinna Satyam
 - ☐ 2. Sonal Mansingh
 - ☐ 3. Guru Kelucharan Mohapatra
 - ☐ 4. Shobana Chandrakumar Pilai

Q.10 What is the term for the maximum population size that an environment can sustain indefinitely?

- Ans**
- ☐ 1. Biotic potential
 - ☐ 2. Ecological niche
 - ☐ 3. Pioneer species
 - ☒ 4. Carrying capacity

Q.11 In which neighbouring country of India is the Haa Summer Festival celebrated?

- Ans**
- ☐ 1. Sri Lanka
 - ☐ 2. Afghanistan
 - ☒ 3. Bhutan
 - ☐ 4. Maldives

Q.12 When did the Hockey wizard Major Dhyan Chand make his Olympic debut?

- Ans**
- ☐ 1. 1924, Paris
 - ☐ 2. 1936, Berlin
 - ☐ 3. 1932, Los Angeles
 - ☒ 4. 1928, Amsterdam

Q.13 Sitara Devi was a classical dancer of India who used to perform _____.

- Ans**
- ☐ 1. Sattriya
 - ☐ 2. Odissi
 - ☒ 3. Kathak
 - ☐ 4. Kathakali

Q.14 Australia won the Men's T20 World Cup Cricket in 2021 defeating New Zealand by _____.

- Ans**
- ☐ 1. 8 runs
 - ☐ 2. 10 runs
 - ☒ 3. 8 wickets
 - ☐ 4. 10 wickets

Q.15 According to Census 2011 of India, which Indian state has the highest urban population percentage?

- Ans**
- ☐ 1. Kerala
 - ☐ 2. Maharashtra
 - ☒ 3. Goa
 - ☐ 4. Mizoram

Q.16 The memoir of which of the following actors is titled 'Unfinished'?

- Ans**
-  1. Alia Bhatt
 -  2. Deepika Padukone
 -  3. Katrina Kaif
 -  4. Priyanka Chopra

Q.17 To which position in the Mughal administration under Akbar does Diwan-i-Ala refer?

- Ans**
-  1. Court Writer
 -  2. Finance Minister
 -  3. Defence Minister
 -  4. Prime Minister

Q.18 In the Vedic period, education was begun with which of the following?

- Ans**
-  1. Niyoga
 -  2. Upanayana
 -  3. Grihastha
 -  4. Vanaprastha

Q.19 Which of the following Harappan cities was found without a citadel?

- Ans**
-  1. Lothal
 -  2. Kalibangan
 -  3. Chanhudaro
 -  4. Banawali

Q.20 Which of the following Acts was the first intervention by the British government in the East India Company's territorial affairs?

- Ans**
-  1. The Regulating Act, 1773
 -  2. The Charter Act of 1813
 -  3. The Charter Act of 1793
 -  4. The Pitt's India Act, 1784

Q.21 On 16 February 2023, who was sworn in as the new Governor of Sikkim at Raj Bhawan, Gangtok?

- Ans**
-  1. Pawan Chamling
 -  2. Lakshman Prasad Acharya
 -  3. Shrinivas Dadasaheb Patil
 -  4. Ganga Prasad

Q.22 Mukhya Mantri Sikho Kamao Yojana was launched by which of these state governments?

- Ans**
-  1. Uttar Pradesh
 -  2. Gujarat
 -  3. Maharashtra
 -  4. Madhya Pradesh

Q.23 With which Kathak gharana was Pandit Janki Prasad affiliated?

- Ans**
-  1. Rajgarh
 -  2. Lucknow
 -  3. Jaipur
 -  4. Benaras

Q.24 The space-filling model emphasises the relative size of each atom based on its _____.

- Ans**
-  1. covalent radius
 -  2. ionic radius
 -  3. fixed radius for all atoms
 -  4. van der Waals radius

Q.25 The Indian Constitution originally consisted of how many Articles?

- Ans**
- ☐ 1. 345
 - ☐ 2. 595
 - ☐ 3. 495
 - ☒ 4. 395

Section : **English Language and Comprehension**

Q.1 Parts of the following sentence have been given as options. Select the option that contains an error.

Much of the beauty and glory of life have disappeared.

- Ans**
- ☐ 1. Much of the
 - ☐ 2. of life
 - ☐ 3. beauty and glory
 - ☒ 4. have disappeared.

Q.2 Select the most appropriate ANOTNYM of the word 'zest' in the given sentence.

The peppy and energetic music of the DJ was able to remove the passivity and dullness present in the party.

- Ans**
- ☐ 1. peppy
 - ☐ 2. remove
 - ☒ 3. dullness
 - ☐ 4. energetic

Q.3 Select the most appropriate adjective to fill in the blank.

Among the three little cats, the first was _____ and the second was smaller.

- Ans**
- ☐ 1. more small
 - ☐ 2. most small
 - ☒ 3. small
 - ☐ 4. most smallest

Q.4 Select the option that can be used as a one-word substitute for the given group of words.

Departing or having departed from a country to settle elsewhere

- Ans**
- ☐ 1. Immigrant
 - ☐ 2. Native
 - ☒ 3. Emigrant
 - ☐ 4. Excommunicate

Q.5 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Multiple
 - ☒ 2. Revaeled
 - ☐ 3. Creative
 - ☐ 4. Search

Q.6 Rectify the sentence by selecting the correct spelling from the options.

While threatening the integrity of Universal values, the campaign to spread democracy will not suceed.

- Ans**
- ☐ 1. Sucseed
 - ☒ 2. Succeed
 - ☐ 3. Succsed
 - ☐ 4. Suucced

Q.7 Select the most appropriate ANTONYM that can substitute the underlined segment in the given sentence.

She asked if he could recount a moment when he felt completely serene.

- Ans**
- ☒ 1. turbulent
 - ☐ 2. derogatory
 - ☐ 3. hilarious
 - ☐ 4. pacific

Q.8 Select the most appropriate meaning of the given idiom.

Baker's Dozen

- Ans**
- ☐ 1. Choosing quality over quantity
 - ☒ 2. One unit extra with one dozen
 - ☐ 3. When shopkeepers put something extra
 - ☐ 4. A pile of bread

Q.9 Select the most appropriate option to fill in the blank.

Stories are how we make _____ of our lives and of the world.

- Ans**
- ☐ 1. sagacious
 - ☒ 2. sense
 - ☐ 3. innate
 - ☐ 4. sensitivity

Q.10 Select the most appropriate option that can substitute the underlined segment in the given sentence.

He is the friendly man in the group.

- Ans**
- ☐ 1. more friendly
 - ☐ 2. most friendly
 - ☐ 3. friendlier
 - ☒ 4. friendliest

Q.11 Parts of the following sentence have been given as options. Select the option that contains an error.
This is one of best movies I have ever seen.

- Ans**
- ☐ 1. movies
 - ☐ 2. This is
 - ☐ 3. I have ever seen
 - ☒ 4. one of best

Q.12 Select the most appropriate ANTONYM of the highlighted word.

Sonali uses a soft mattress to sleep.

- Ans**
- ☐ 1. spongy
 - ☐ 2. flabby
 - ☐ 3. cushiony
 - ☒ 4. hard

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Mohit have appreciated Riya for her hard work.

- Ans**
- ☒ 1. has appreciated
 - ☐ 2. have appreciates
 - ☐ 3. No substitution required
 - ☐ 4. had appreciating

Q.14 Select the option that rectifies the spelling error of the underlined word.

The historic cathedrel stood as a symbol of faith and architectural marvel, drawing visitors from around the world.

- Ans**
- ☒ 1. cathedral
 - ☐ 2. cathidrel
 - ☐ 3. cathidral
 - ☐ 4. cathedril

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Although experts are worried / that retail inflation is rising / at a steep rate, / the crisis will soon blow away.

- Ans**
- ☐ 1. Although experts are worried
 - ☐ 2. that retail inflation is rising
 - ☐ 3. at a steep rate
 - ☒ 4. the crisis will soon blow away

Q.16 Select the most appropriate synonym of the word given in brackets to fill in the blank.

In the absence of her parents, the little girl felt _____ (lonely).

- Ans**
- ☒ 1. alone
 - ☐ 2. crowded
 - ☐ 3. sociable
 - ☐ 4. collectively

Q.17 Select the most appropriate synonym of the given word.

Fondness

- Ans**
- ☒ 1. Liking
 - ☐ 2. Dislike
 - ☐ 3. Mistake
 - ☐ 4. Brilliance

Q.18 Select the most appropriate option to fill in the blank.

Despite facing numerous challenges, the team successfully _____ the project ahead of schedule.

- Ans**
- ☐ 1. will be completed
 - ☐ 2. had completed
 - ☒ 3. completed
 - ☐ 4. has been completed

Q.19 Select the most appropriate meaning of the given idiom.

Catch someone's eye

- Ans**
- ☐ 1. To surprise someone with unexpected behaviour
 - ☐ 2. To physically capture someone's gaze and hold it, making them unable to look away
 - ☐ 3. To irritate or annoy someone intentionally
 - ☒ 4. To attract someone's attention or to be noticed by them

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

A room for cleaning and storing dishes and cooking utensils and for doing messy kitchen work.

- Ans**
- ☐ 1. Dormitory
 - ☒ 2. Scullery
 - ☐ 3. Overlay
 - ☐ 4. Sanatorium

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The (1)_____ life in Kashmir was drawing to its end after three (2)_____ months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3)_____ silence, a silence so heavy that I could (4)_____ breathe. The hotel seemed to be far away and yet not far (5)_____.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.=

- Ans
- ☒ 1. romantic
 - ☐ 2. biquadratic
 - ☐ 3. mucolytic
 - ☐ 4. tonetic

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The (1)_____ life in Kashmir was drawing to its end after three (2)_____ months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3)_____ silence, a silence so heavy that I could (4)_____ breathe. The hotel seemed to be far away and yet not far (5)_____.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.=

- Ans
- ☐ 1. jealous
 - ☐ 2. analogous
 - ☒ 3. glorious
 - ☐ 4. anonymous

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The (1)_____ life in Kashmir was drawing to its end after three (2)_____ months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3)_____ silence, a silence so heavy that I could (4)_____ breathe. The hotel seemed to be far away and yet not far (5)_____.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.=

- Ans
- ☐ 1. select
 - ☒ 2. perfect
 - ☐ 3. direct
 - ☐ 4. slack

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The (1)_____ life in Kashmir was drawing to its end after three (2)_____ months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3)_____ silence, a silence so heavy that I could (4)_____ breathe. The hotel seemed to be far away and yet not far (5)_____.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.=

- Ans
- ☐ 1. loudly
 - ☐ 2. gradually
 - ☒ 3. hardly
 - ☐ 4. gladly

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The (1)_____ life in Kashmir was drawing to its end after three (2)_____ months. Miss Joan was leaving a week earlier than Mrs. Rhodes, and about two days before she left, I took her alone to the hotel for dinner. We walked to the hotel in (3)_____ silence, a silence so heavy that I could (4)_____ breathe. The hotel seemed to be far away and yet not far (5)_____.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.=

- Ans**
-  1. overweigh
 -  2. thorough
 -  3. clough
 -  4. enough

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	04/11/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 In a school, class 11th has three sections A, B and C. There are 30 students in Section A, 36 students in Section B, and 40 students in Section C. The average marks scored by the students in Section A, Section B and Section C in the Mathematics annual exam are 90, 85 and 70, respectively. Find the average marks scored by the whole class, correct to two places of decimals.

- Ans
- ☐ 1. 58.70
 - ☐ 2. 80.57
 - ☐ 3. 58.07
 - ☒ 4. 80.75

Q.2 Sandeep sold an overcoat for ₹8,784 and made a profit of 22%. Determine the original cost of the overcoat.

- Ans
- ☐ 1. ₹7,250
 - ☐ 2. ₹7,150
 - ☒ 3. ₹7,200
 - ☐ 4. ₹7,100

Q.3 The sum of two numbers is 121. If the sum of their LCM and HCF is 341 and the difference between the LCM and HCF is 319, what is the difference between these two numbers?

- Ans
- ☐ 1. 10
 - ☐ 2. 12
 - ☐ 3. 13
 - ☒ 4. 11

Q.4 Parinita sold a sweater for ₹680 by giving 20% discount on its list price. If she had not given the discount, she would have gained 25% on its cost price. What was the cost price of the sweater?

- Ans
- ☒ 1. ₹680
 - ☐ 2. ₹710
 - ☐ 3. ₹640
 - ☐ 4. ₹690

Q.5 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 5% per year rate of interest for 3 years.

- Ans
- ☐ 1. 410
 - ☒ 2. 450
 - ☐ 3. 390
 - ☐ 4. 490

Q.6 A man on a tour travels first 120 km at 48 km/h and the next 120 km at 80 km/h. The average speed for the first 240 km of the tour is:

- Ans
- ☐ 1. 66 km/h
 - ☐ 2. 64 km/h
 - ☒ 3. 60 km/h
 - ☐ 4. 72 km/h

Q.7 Raja's cap is in the form of a right circular cone of base radius 3 cm and slant height 25 cm. Find the area of the sheet required to make a cap. (Use $\pi = 3.14$ correct to closest integer value)

- Ans
- ☒ 1. 264 cm²
 - ☐ 2. 50 cm²
 - ☐ 3. 450 cm²
 - ☐ 4. 350 cm²

Q.8 A shopkeeper mixes three types of seeds worth ₹240, ₹258 and ₹252 in 3 : 1 : 2. Average cost of the mixture is:

- Ans
- ☐ 1. ₹248
 - ☐ 2. ₹245
 - ☒ 3. ₹247
 - ☐ 4. ₹246

Q.9 A cyclist covers a distance of 2.5 km in 4 minutes 10 seconds. How long will he take to cover a distance of 12 km at the same speed?

- Ans
- ☐ 1. 11 minutes
 - ☒ 2. 20 minutes
 - ☐ 3. 12 minutes
 - ☐ 4. 10 minutes

Q.10 A dishonest merchant sells his grocery using weights that are 15% less than the true weights and makes a profit of 20%. Find his total gain percentage.

- Ans
- ☐ 1. 12.8%
 - ☐ 2. 5%
 - ☒ 3. 41.17%
 - ☐ 4. 35%

Q.11 If the volume of a hemisphere is 155232 cm³, then half of the radius (in cm) of the hemisphere is: (Use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 18
 - ☒ 2. 21
 - ☐ 3. 12
 - ☐ 4. 42

Q.12 The outer circumference of the top of a large hemispherical iron bowl is 565.2 cm and the bowl is y cm thick. If the total surface area of the bowl is 98,988.5 cm², then what is the value of y? (Use $\pi = 3.14$.)

- Ans
- ☐ 1. 3.5
 - ☐ 2. 4
 - ☒ 3. 5
 - ☐ 4. 6

Q.13 If a sum doubles itself on certain rate of simple interest in 10 years, then at the same rate of interest, the sum will become 4 times itself in:

- Ans
- ☒ 1. 30 years
 - ☐ 2. 20 years
 - ☐ 3. 40 years
 - ☐ 4. 25 years

Q.14 Determine the smallest number which when divided by 20, 15 and 30 leaves remainder 6 in each case.

- Ans
- ☐ 1. 36
 - ☐ 2. 96
 - ☒ 3. 66
 - ☐ 4. 56

Q.15 A car's radiator should contain a solution of 52% antifreeze. A motorist has 8 litres of 40% antifreeze. How many litres (rounded off to 2 decimal places) of 95% antifreeze liquid should he add to his solution to produce a 52% antifreeze?

- Ans
- ☐ 1. 1.92
 - ☐ 2. 4.26
 - ☒ 3. 2.23
 - ☐ 4. 3.45

Q.16 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 3% per year rate of interest for 5 years.

- Ans
- ☒ 1. 450
 - ☐ 2. 490
 - ☐ 3. 410
 - ☐ 4. 390

Q.17 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 69 kg and 35 kg is:

- Ans
- ☐ 1. 48.8
 - ☒ 2. 49.8
 - ☐ 3. 51.8
 - ☐ 4. 50.8

Q.18 A trader gains 44% after selling an item at 25% discount on the printed price. What is the ratio of the cost price and the printed price of the item?

- Ans
- ☒ 1. 25 : 48
 - ☐ 2. 48 : 25
 - ☐ 3. 35 : 48
 - ☐ 4. 48 : 35

Q.19 The resistance of a wire is directly proportional to its length and inversely proportional to the square of its radius. Two wires of the same material have the same resistance and their radii are in the ratio of 7 : 8. The corresponding lengths of the wires are 147 cm and L cm, respectively. Find the value of L.

- Ans
- ☐ 1. 158
 - ☐ 2. 168
 - ☐ 3. 128
 - ☒ 4. 192

Q.20 During the first year, the population of a village increased by 5%, and during the second year, it reduced by 6%. At the end of the second year, its population was 35,532. What was the population at the beginning of the first year?

- Ans
- ☒ 1. 36,000
 - ☐ 2. 38,000
 - ☐ 3. 34,567
 - ☐ 4. 37,568

Section : Reasoning Ability and Problem Solving

Q.1 In a code language, 'STATION' is coded as '18' and 'JOURNALS' is coded as '20'. How will 'GOLDMEDAL' be coded in the same language?

- Ans
- ☐ 1. 28
 - ☐ 2. 72
 - ☐ 3. 44
 - ☒ 4. 22

Q.2 MAYG is related to OBZI in a certain way based on the English alphabetical order. In the same way, TIVK is related to VJWM. To which of the following is QHZN related, following the same logic?

- Ans**
- ☒ 1. TJCQ
 - ☒ 2. SIAP
 - ☒ 3. RHBR
 - ☒ 4. UJCQ

Q.3 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statement: Some dogs are talls. Some talls are cats.

Conclusion 1: Some cats are talls.

Conclusion 2: Some dogs are cats.

- Ans**
- ☒ 1. Only conclusion (2) follows
 - ☒ 2. Only conclusion (1) follows
 - ☒ 3. Neither conclusions (1) nor (2) follow
 - ☒ 4. Both conclusion (1) and conclusion (2) follow

Q.4 Select the set in which the numbers are related in the same way as are the numbers of the given sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(284, 238)

(271, 225)

- Ans**
- ☒ 1. (185, 135)
 - ☒ 2. (297, 246)
 - ☒ 3. (212, 166)
 - ☒ 4. (252, 196)

Q.5 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All bags are duffles.

All duffles are containers.

Conclusions:

(I) Some containers are duffles.

(II) All bags are containers.

- Ans**
- ☒ 1. Both conclusions (I) and (II) follow.
 - ☒ 2. Only conclusion (II) follows.
 - ☒ 3. Only conclusion (I) follows.
 - ☒ 4. Neither conclusion (I) nor (II) follows.

Q.6 MK14 is related to QO19 in a certain way. In the same way, XV31 is related to BZ36. To which of the following is RP52 related, following the same logic?

- Ans**
- ☒ 1. ED43
 - ☒ 2. VT57
 - ☒ 3. RT90
 - ☒ 4. ST58

Q.7 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). Only 3 people sit between C and E when counted from the right of C. Only 1 person sits between E and G when counted from the left of E. F sits immediate to the left of D. Only 2 people sit between B and F when counted from the left of B. How many people sit between G and B when counted from the left of G?

- Ans**
- ☒ 1. 3
 - ☒ 2. 4
 - ☒ 3. 1
 - ☒ 4. 0

Q.8 What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $12 \times 3 - 5 \div 4 + 11 = ?$

- Ans**
- ☒ 1. 14
 - ☒ 2. 13
 - ☒ 3. 11
 - ☒ 4. 12

Q.9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All roses are lilies.

No rose is a sunflower.

Conclusions:

(I) All lilies are roses.

(II) No lily is a sunflower.

- Ans**
- ☒ 1. Both conclusions I and II follow
 - ☒ 2. Only conclusion II follows
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Neither conclusion I nor II follows

Q.10 In a certain code language, 'system is backbone' is written as 'sdf wer tce' and 'backbone is you' is coded as 'tce kpo wer'. What is the meaning of the code 'sdf' in the given language?

- Ans**
- ☒ 1. you
 - ☒ 2. system
 - ☒ 3. is
 - ☒ 4. backbone

Q.11 E, F, G, H, L, K, and M are sitting around a circular table, facing the centre (but not necessarily in the same order). K sits to the immediate left of F. Only two people sit between K and L when counted from the left of K. Only two people sit between M and E when counted from the right of E. E sits to the immediate right of H. H is not an immediate neighbour of F. Who is sitting to the immediate right of G?

- Ans**
- ☒ 1. H
 - ☒ 2. L
 - ☒ 3. M
 - ☒ 4. F

Q.12 What will come in the place of the question mark (?) in the following equation, if '+' and 'x' are interchanged and '÷' and '-' are interchanged?
 $35 \div 4 + 6 - 3 \times 12 = ?$

- Ans**
- ☒ 1. 35
 - ☒ 2. 29
 - ☒ 3. 28
 - ☒ 4. 39

Q.13 BMGC is related to GRDZ in a certain way based on the English alphabetical order. In the same way, LWWA is related to QBXT. To which of the following is VGUQ related, following the same logic?

- Ans**
- ☒ 1. ALRN
 - ☒ 2. BKRO
 - ☒ 3. BMQN
 - ☒ 4. ZKSM

Q.14 In a certain code language, 'CINEMA' is coded as '591348' and 'WAR' is coded as '264'. How is 'A' coded in the given language?

- Ans**
- ☒ 1. 4
 - ☒ 2. 3
 - ☒ 3. 8
 - ☒ 4. 1

Q.15 What should come in place of the question mark (?) in the given series?

41, 48, 55, 62, 69, ?

- Ans**
-  1. 75
 -  2. 74
 -  3. 76
 -  4. 77

Q.16 11 is related to 106 following a certain logic. Following the same logic, 15 is related to 146. To which of the following is 19 related following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
-  1. 189
 -  2. 186
 -  3. 178
 -  4. 177

Q.17 In a certain code language, 'SNOW' is written as '7358' and 'BLEW' is written as '1293'. How is 'W' coded in the given language?

- Ans**
-  1. 1
 -  2. 9
 -  3. 8
 -  4. 3

Q.18 Select the number from among the given options that can replace the question mark (?) in the following series.
119, 118, 114, ?, 89

- Ans**
-  1. 105
 -  2. 96
 -  3. 102
 -  4. 108

Q.19 19 is related to 59 following a certain logic. Following the same logic, 23 is related to 71. To which of the following is 28 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
-  1. 88
 -  2. 84
 -  3. 82
 -  4. 86

Q.20 What should come in place of the question mark (?) in the given series based on the English alphabetical order ?

DBF, HFJ, LJN, PNR, ?

- Ans**
-  1. SQU
 -  2. QOS
 -  3. FDH
 -  4. TRV

Section : **General Awareness**

Q.1 What is the rate of movement of tectonic plate boundaries?

- Ans**
-  1. 1-2 mm per year
 -  2. 1-2 inch per year
 -  3. 1-2 m per year
 -  4. 2-5 km per year

Q.2	In which of the following years was the 11 th Fundamental Duty added in the Indian Constitution through the 86 th Amendment Act?
Ans	 1. 1976  2. 1986  3. 2002  4. 1982
Q.3	Which of the following dance awards is organised by the National Institute of Indian Classical Dance?
Ans	 1. Sanatan Sangeet Sanskriti  2. Bharata Shastra Nritya Praveena  3. Abhinandan Saroja  4. Natya Shiromani National
Q.4	Which of the following Biosphere reserves is located in Uttarakhand?
Ans	 1. Panchmarhi  2. Nanda Devi  3. Dihang-Dibang  4. Nilgiri
Q.5	Which virus is responsible for causing common cold?
Ans	 1. Influenza  2. Hepatitis A  3. Rhinovirus  4. Coronavirus
Q.6	Ranjani Hebbar was associated with which of the following fields?
Ans	 1. Folk music  2. Hindustani music  3. Carnatic music  4. Bhajan
Q.7	A regal ceremony in the form of Beating Retreat ceremony on the evening of _____ marks the end of Republic Day celebrations.
Ans	 1. 29th January  2. 27th January  3. 28th January  4. 26th January
Q.8	How many central banks can a country have?
Ans	 1. Three  2. Two  3. One  4. Four
Q.9	In the year 1930, the Salt Satyagraha was led by who among the following?
Ans	 1. Sardar Vallabhbhai Patel  2. Jawaharlal Nehru  3. Mahatma Gandhi  4. Subhas Chandra Bose
Q.10	At which of the following places is the tomb of Sher Shah Suri situated?
Ans	 1. Sasaram  2. Bargaon  3. Sultanpur  4. Rajgir

Q.11 Theravada is known as the official religion of which of the following neighbouring countries of India?

- Ans**
- ☐ 1. Afghanistan
 - ☐ 2. Bangladesh
 - ☐ 3. Pakistan
 - ☒ 4. Sri Lanka

Q.12 The Uttarakhand Public Services (Horizontal Reservation for Women) Bill, 2022 provides how much reservation to women?

- Ans**
- ☐ 1. 45%
 - ☒ 2. 30%
 - ☐ 3. 25%
 - ☐ 4. 20%

Q.13 What does the term 'deuce' signify in tennis?

- Ans**
- ☐ 1. A fault in serving
 - ☐ 2. A let
 - ☐ 3. The final point in a game
 - ☒ 4. A tied score at 40-40

Q.14 As per the Census 1951, the female literacy rate in India was:

- Ans**
- ☐ 1. 5.56%
 - ☐ 2. 10.86%
 - ☒ 3. 8.86%
 - ☐ 4. 15.35%

Q.15 Akbar's first expedition towards Deccan was sent to Ahmednagar under the leadership of Prince Murad and _____.

- Ans**
- ☐ 1. Birbal
 - ☐ 2. Man Singh
 - ☐ 3. Adham Khan
 - ☒ 4. Abdul Rahim Khan-i-Khanan

Q.16 Which of the following is NOT mentioned in 'Liberty' as per the Preamble of the Indian Constitution?

- Ans**
- ☐ 1. Faith and worship
 - ☐ 2. Expression
 - ☒ 3. Trust and hope
 - ☐ 4. Thought

Q.17 Based on the number of chambers in the heart, select the odd one from the following.

- Ans**
- ☐ 1. Frog
 - ☐ 2. Chameleon
 - ☐ 3. Turtle
 - ☒ 4. Crocodile

Q.18 In February 2023, who was appointed as the CEO of NITI Aayog?

- Ans**
- ☐ 1. Geetika Srivastava
 - ☒ 2. BVR Subrahmanyam
 - ☐ 3. Monali Jaiswal
 - ☐ 4. Iyer Parmeshwaran

Q.19 Which of the following countries won its 8th Men's Asian Cup cricket title in 2023?

- Ans**
- ☐ 1. Pakistan
 - ☐ 2. Sri Lanka
 - ☒ 3. India
 - ☐ 4. Bangladesh

Q.20 Which of the following is written by Mulk Raj Anand?

- Ans**
- ☒ 1. Untouchable
 - ☐ 2. The Guide
 - ☐ 3. The Blue Umbrella
 - ☐ 4. The White Tiger

Q.21 Which Rigvedic God is considered an intermediary between God and men?

- Ans**
- ☐ 1. Varuna
 - ☐ 2. Yama
 - ☒ 3. Agni
 - ☐ 4. Indra

Q.22 Padma Subramanyam, Alarmel Valli, Yamini Krishnamurthy and Anita Ratnam are distinguished practitioners of _____.

- Ans**
- ☒ 1. Bharatanatyam
 - ☐ 2. Kathak
 - ☐ 3. Odissi
 - ☐ 4. Kuchipudi

Q.23 In which state is the Kaiga Nuclear Power Project located?

- Ans**
- ☐ 1. Assam
 - ☐ 2. Bihar
 - ☐ 3. Gujarat
 - ☒ 4. Karnataka

Q.24 Which element is known for having the highest electronegativity on the periodic table?

- Ans**
- ☐ 1. Oxygen
 - ☐ 2. Carbon
 - ☒ 3. Fluorine
 - ☐ 4. Hydrogen

Q.25 After the decisive battle of Plassey of 1757, who among the following was declared as the Nawab of Bengal by the British?

- Ans**
- ☐ 1. Mir Qasim
 - ☐ 2. Mansur Ali Khan
 - ☐ 3. Murshid Quli Khan
 - ☒ 4. Mir Jafar Ali Khan

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to fill in the blank.

I dream of a country where even the least talented person has the _____ to earn a living.

- Ans**
- ☒ 1. opportunity
 - ☐ 2. priority
 - ☐ 3. landmark
 - ☐ 4. admit

**Q.2 Parts of the following sentence have been given as options. Select the option that contains an error.
An eucalyptus tree in my backyard acts as a landmark for many to reach my house.**

- Ans**
- ☐ 1. in my backyard
 - ☐ 2. to reach my house
 - ☒ 3. An eucalyptus tree
 - ☐ 4. acts as a landmark for many

Q.3 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Ointment
 - ☒ 2. Obligation
 - ☒ 3. Overview
 - ☒ 4. Opponent

Q.4 Select the most appropriate synonym of the underlined word in the given sentence.

I have a vague memory of meeting her many years ago.

- Ans**
- ☒ 1. evident
 - ☒ 2. Symbolic
 - ☒ 3. pellucid
 - ☒ 4. Hazy

Q.5 Select the option that will correct the underlined part of the given sentence. In case no correction is required, select No correction needed.

Naveen is as tall as Rocky.

- Ans**
- ☒ 1. the tallest
 - ☒ 2. No correction needed
 - ☒ 3. taller than
 - ☒ 4. tall as

Q.6 Select the most appropriate option to fill in the blank.

The humble surroundings of our company _____ creativity amongst the newly recruited employees.

- Ans**
- ☒ 1. inspired
 - ☒ 2. banished
 - ☒ 3. connected
 - ☒ 4. filed

Q.7 Select the most appropriate ANTONYM of the given word.

Show

- Ans**
- ☒ 1. Cover
 - ☒ 2. Register
 - ☒ 3. Display
 - ☒ 4. Exhibit

Q.8 Select the INCORRECTLY spelt word in the given sentence.
Applicants who are younger and prettier than you will continue applying.

- Ans**
- ☒ 1. applying
 - ☒ 2. prettier
 - ☒ 3. younger
 - ☒ 4. applicants

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

How can someone / walk this farthest / just for / peace of mind?

- Ans**
- ☒ 1. peace of mind
 - ☒ 2. How can someone
 - ☒ 3. just for
 - ☒ 4. walk this farthest

Q.10 Select the option that corrects the error in the given sentence.
She performed bad in the exam.

- Ans**
- ☒ 1. good
 - ☒ 2. bad
 - ☒ 3. badly
 - ☒ 4. goodly

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The fresh air / in the garden relaxes / the minds of children as / the environment is cleaner.

- Ans**
- ☒ 1. the environment is cleaner
 - ☐ 2. the minds of children as
 - ☐ 3. The fresh air
 - ☐ 4. in the garden relaxes

Q.12 Select the option that will improve the underlined part of the given sentence.

We agree that Professor Revanth is very knowledgeable, but we do not like attending his classes because he always keeps blowing the trumpet.

- Ans**
- ☐ 1. the blow of a trumpet
 - ☐ 2. the sound of the trumpet
 - ☒ 3. blowing his own trumpet
 - ☐ 4. sounding the trumpet

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

He hardness ever / complains about / his workload because / he enjoys his job.

- Ans**
- ☐ 1. complains about
 - ☐ 2. he enjoys his job
 - ☐ 3. his workload because
 - ☒ 4. He hardness ever

Q.14 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The late secretary of our society was known for his ruthless treatment of all the security personnel of the society.

- Ans**
- ☐ 1. Fragile
 - ☐ 2. Startled
 - ☒ 3. Compassionate
 - ☐ 4. Brutal

Q.15 Select the option that can be used as a one-word substitute for the given group of words.

The act of talking to oneself, often audibly

- Ans**
- ☒ 1. Soliloquy
 - ☐ 2. Solitude
 - ☐ 3. Dialogue
 - ☐ 4. Monologue

Q.16 Select the most appropriate ANTONYM of the given word.

Fetid

- Ans**
- ☐ 1. Fatal
 - ☐ 2. Fatigued
 - ☒ 3. Fragrant
 - ☐ 4. False

Q.17 Select the most appropriate option to fill in the blank.

The teacher asked us to _____ our essays for spelling and grammar errors.

- Ans**
- ☐ 1. recognise
 - ☐ 2. revolve
 - ☒ 3. revise
 - ☐ 4. advise

Q.18 Your sibling accidentally broke your favourite vase. Which of the following idioms might you use to tell them not to worry about it?

- Ans**
- ☒ 1. "Bite the bullet!"
 - ☒ 2. "Don't cry over spilt milk!"
 - ☒ 3. "You're walking on air!"
 - ☒ 4. "Shallow brooks are noisy"

Q.19 Select the INCORRECTLY spelt word.

- A) Exaggerate
- B) Accommodate
- C) Exuberant
- D) Perservere

- Ans**
- ☒ 1. A
 - ☒ 2. C
 - ☒ 3. D
 - ☒ 4. B

Q.20 Select the most appropriate word opposite in meaning (ANTONYM) to the underlined word in the given sentence.

Aunty Hema gave us her candid opinion on the skit we performed on Children's Day.

- Ans**
- ☒ 1. prejudiced
 - ☒ 2. frank
 - ☒ 3. strong
 - ☒ 4. intelligent

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Students want (1)_____ as the primary outcome of higher education. Hence, practical experience becomes (2)_____ valuable to a student's degree. Indian students are highly (3)_____ at theoretical learning but lack practical training. This (4)_____ an issue for decades in the Indian job market. In order to address this (5)_____ issue, state governments have to take a lead. The AP government in the past three years have made efforts to bridge this long-lasting gap between theoretical and practical learning of the students.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank 1.

- Ans**
- ☒ 1. employable
 - ☒ 2. employability
 - ☒ 3. appoint
 - ☒ 4. appointed

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Students want (1)_____ as the primary outcome of higher education. Hence, practical experience becomes (2)_____ valuable to a student's degree. Indian students are highly (3)_____ at theoretical learning but lack practical training. This (4)_____ an issue for decades in the Indian job market. In order to address this (5)_____ issue, state governments have to take a lead. The AP government in the past three years have made efforts to bridge this long-lasting gap between theoretical and practical learning of the students.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank 2.

- Ans**
- ☒ 1. hardly
 - ☒ 2. equally
 - ☒ 3. voicelessly
 - ☒ 4. abruptly

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Students want (1)_____ as the primary outcome of higher education. Hence, practical experience becomes (2)_____ valuable to a student's degree. Indian students are highly (3)_____ at theoretical learning but lack practical training. This (4)_____ an issue for decades in the Indian job market. In order to address this (5)_____ issue, state governments have to take a lead. The AP government in the past three years have made efforts to bridge this long-lasting gap between theoretical and practical learning of the students.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank 3.

- Ans**
- ☒ 1. competitive
 - ☐ 2. spiritual
 - ☐ 3. relaxed
 - ☐ 4. spirit

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Students want (1)_____ as the primary outcome of higher education. Hence, practical experience becomes (2)_____ valuable to a student's degree. Indian students are highly (3)_____ at theoretical learning but lack practical training. This (4)_____ an issue for decades in the Indian job market. In order to address this (5)_____ issue, state governments have to take a lead. The AP government in the past three years have made efforts to bridge this long-lasting gap between theoretical and practical learning of the students.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank 4.

- Ans**
- ☐ 1. will be
 - ☒ 2. has been
 - ☐ 3. have been
 - ☐ 4. is

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Students want (1)_____ as the primary outcome of higher education. Hence, practical experience becomes (2)_____ valuable to a student's degree. Indian students are highly (3)_____ at theoretical learning but lack practical training. This (4)_____ an issue for decades in the Indian job market. In order to address this (5)_____ issue, state governments have to take a lead. The AP government in the past three years have made efforts to bridge this long-lasting gap between theoretical and practical learning of the students.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank 5.

- Ans**
- ☐ 1. momentary
 - ☐ 2. insignificant
 - ☐ 3. appetite
 - ☒ 4. perennial

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	04/11/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 The curved surface area of a solid cylinder is 605 cm^2 . The circumference of its base is 22 cm. The total surface area is how many times the height of the cylinder?

Take $\pi = \frac{22}{7}$

- Ans
- ☐ 1. 25
 - ☐ 2. 24.5
 - ☐ 3. 20.8
 - ☒ 4. 24.8

Q.2 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 8% per year rate of interest for 3 years.

- Ans
- ☒ 1. 600
 - ☐ 2. 560
 - ☐ 3. 640
 - ☐ 4. 540

Q.3 A clothing store announces a discount scheme 'Buy one shirt and get 40% off on another shirt of the same price'. What is the profit percentage of the store, given that each shirt has a cost price 60% below the marked price?

- Ans
- ☐ 1. 120%
 - ☐ 2. 60%
 - ☒ 3. 100%
 - ☐ 4. 80%

Q.4 Ram borrowed ₹20,000 at 6% per annum and ₹25,000 at 8% per annum, for the same duration. He had to pay ₹9,600 in all as interest. What is the time period?

- Ans
- ☐ 1. 5 years
 - ☒ 2. 3 years
 - ☐ 3. 4 years
 - ☐ 4. 2 years

Q.5 The area of a right-angled triangle is 80 m^2 . If its perpendicular is equal to 20 m, then find its base.

- Ans
- ☐ 1. 6 m
 - ☐ 2. 3 m
 - ☒ 3. 8 m
 - ☐ 4. 4 m

Q.6 In an examination, the average score of a student was 71.9. If the student would have got 28 more marks in English, 22 more marks in Mathematics, 16 more marks in Computer Science, 14 more marks in History, 10 less marks in Hindi, and retained the same marks in other subjects, then the average score would have been 80.65. How many subjects were there in the examination?

- Ans
- ☐ 1. 9
 - ☐ 2. 7
 - ☐ 3. 6
 - ☒ 4. 8

Q.7 If Mohan's income is 20% less than Arvind's income, then how much per cent is Arvind's income more than Mohan's income?

- Ans**
- ☐ 1. 20%
 - ☐ 2. 30%
 - ☒ 3. 25%
 - ☐ 4. 15%

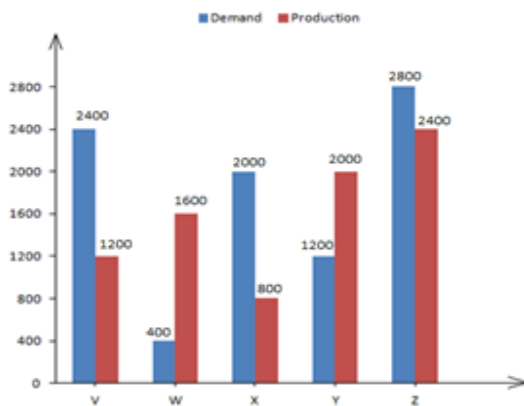
Q.8 Two trains are running in opposite directions at the same speed. If the length of each train is 150 m and they cross each other in 15 sec, find the speed of each train (in km/hr).

- Ans**
- ☐ 1. 24
 - ☐ 2. 18
 - ☒ 3. 36
 - ☐ 4. 42

Q.9 400 chickooes were bought at ₹1280 per hundred and were sold at a profit of ₹980. Find the selling price (in ₹) per dozen of chickooes.

- Ans**
- ☐ 1. 173
 - ☒ 2. 183
 - ☐ 3. 198
 - ☐ 4. 193

Q.10 The demand and production for five businesses V, W, X, Y, and Z are shown in the accompanying chart, which illustrates them using a basic bar graph to provide an answer.



The difference between average demand and average production of the four companies (V, W, X, Y) taken together, is:

- Ans**
- ☐ 1. 50
 - ☐ 2. 125
 - ☒ 3. 100
 - ☐ 4. 75

Q.11 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 6% per year rate of interest for 2 years.

- Ans**
- ☐ 1. 340
 - ☒ 2. 300
 - ☐ 3. 260
 - ☐ 4. 240

Q.12 What is the ratio in which product A, costing ₹70 per 100 grams, should be mixed with product B, costing ₹100 per 100 grams, so that on selling the mixture at ₹1.20 per gram, a profit of 25% is achieved?

- Ans**
- ☐ 1. 13 : 2
 - ☒ 2. 2 : 13
 - ☐ 3. 2 : 9
 - ☐ 4. 9 : 2

Q.13 If 80 workers took 25 days to finish a task, how many days will it take to finish the same task if 20 more workers join?

- Ans**
-  1. 16
 -  2. 20
 -  3. 8
 -  4. 12

Q.14 The x and y co-ordinates of six points are tabulated as below. Observe the table carefully and answer the given question.

Points	X-co-ordinate	Y-co-ordinate
A	15	42
B	20	46
C	18	44
D	16	48
E	21	50
F	22	52

Find the distance between F and C.

- Ans**
-  1. $\sqrt{13}$ units
 -  2. $\sqrt{42}$ units
 -  3. $\sqrt{8}$ units
 -  4. $\sqrt{80}$ units

Q.15 A train travelling at a speed of 36 km/h crosses a pole in 24 sec. What is the length of the train?

- Ans**
-  1. 240 m
 -  2. 300 m
 -  3. 1.5 m
 -  4. 30 m

Q.16 The HCF and LCM of two numbers are 11 and 3465, respectively. If one of the two numbers is 693, what is the other number?

- Ans**
-  1. 315
 -  2. 55
 -  3. 75
 -  4. 65

Q.17 Mr Rao purchased a laptop for ₹45,000. After a few months, as his office provided another laptop, he sold it at a loss of 12% to Mrs Sharma. After one year, she sold it to an engineering student for a profit of 12%. What is the amount the student had to pay?

- Ans**
-  1. ₹56,448
 -  2. ₹44,352
 -  3. ₹34,848
 -  4. ₹45,000

Q.18 The marks obtained by A in Mathematics, English and Biology are 71 out of 100, 82 out of 150 and 177 out of 200, respectively. What is the average score?

- Ans**
-  1. $\frac{11}{15}$
 -  2. $\frac{13}{21}$
 -  3. $\frac{12}{13}$
 -  4. $\frac{11}{16}$

Q.19 The average weight of X, Y and Z is 67 kg. The average weight of X and Y is 64 kg and that of Y and Z is 52 kg. The weight of Y (in kg) is:

- Ans
- ☐ 1. 30
 - ☐ 2. 28
 - ☒ 3. 31
 - ☐ 4. 33

Q.20 What fraction of space will a spherical ball of radius 2.1 cm take in a big spherical container of diameter of 84 cm?

Take $\pi = \frac{22}{7}$

- Ans
- ☐ 1. $\frac{1}{20}$
 - ☐ 2. $\frac{1}{64000}$
 - ☐ 3. $\frac{1}{400}$
 - ☒ 4. $\frac{1}{8000}$

Section : Reasoning Ability and Problem Solving

Q.1 In a certain code language, 'call you back' is written as 'rt yw fg' and 'back is paining' is written as 'yw fb gt'. How is 'back' written in the given language?

- Ans
- ☐ 1. fb
 - ☐ 2. rt
 - ☐ 3. fg
 - ☒ 4. yw

Q.2 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some tables are plates.

Some tables are spoons.

Conclusions:

(I) At least some spoons are plates.

(II) Some plates are tables.

- Ans
- ☐ 1. Only conclusion (I) follows.
 - ☐ 2. Both conclusions (I) and (II) follow.
 - ☒ 3. Only conclusion (II) follows.
 - ☐ 4. Neither conclusion (I) nor (II) follows.

Q.3 In a certain code language, 'BIRD' is coded as '6428' and 'DOPE' is coded as '5679'. What is the code for 'D' in the given code language?

- Ans
- ☒ 1. 6
 - ☐ 2. 5
 - ☐ 3. 7
 - ☐ 4. 8

Q.4 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

I	P	♡	V	=	4	=	4	P	Z	I	6	
	Z			P			V			4		
	6			Z			♡			V		
4	=	V	♡	6	I	6	I	Z	P	♡	=	?

Ans

✗ 1.

I	6	Z
	♡	
	4	
=	V	P

✓ 2.

I	6	4
	Z	
	P	
♡	=	V

✗ 3.

I	6	Z
	V	
	4	
♡	=	P

✗ 4.

I	6	4
	Z	
	=	
V	P	♡

Q.5 In a certain code language, 'ABROAD' is coded as 'WZLIYZ' and 'ADVISE' is coded as 'VHREWZ'. How will 'AGENDA' be coded in the same language?

- Ans
- ✓ 1. ZWMVTZ
 - ✗ 2. ZTVMWZ
 - ✗ 3. ZTWMWY
 - ✗ 4. ZWNVUZ

Q.6 In a certain code language, 'zebra tool bean' is coded as 'rj pi ki' and 'bean knife army' is coded as 'ko jm pi'. How is 'bean' coded in the given language?

- Ans
- ✓ 1. pi
 - ✗ 2. ki
 - ✗ 3. rj
 - ✗ 4. ko

Q.7 UD 1 is related to OF -6 in a certain way. In the same way, IX 6 is related to CZ -1. To which of the following is MJ 3 related, following the same logic?

- Ans
- ✓ 1. GL -4
 - ✗ 2. GN -4
 - ✗ 3. GK 4
 - ✗ 4. GM 4

Q.8 What will come in the place of '?' in the following equation, if '+' and '÷' are interchanged and 'x' and '-' are interchanged?
 $88 \div 18 \times 28 + 4 - 14 = ?$

- Ans**
- ☐ 1. -2
 - ☒ 2. 8
 - ☐ 3. 28
 - ☐ 4. 18

Q.9 Six people A, B, C, D, E and F are sitting around a circular table, facing the centre (but not necessarily in the same order). F is sitting third to the right of C. D is sitting second to the left of F. A and E are immediate neighbours. E is sitting second to the right of B.
How many people are sitting between E and C when counted from the left of E?

- Ans**
- ☐ 1. 2
 - ☐ 2. 4
 - ☐ 3. 1
 - ☒ 4. 3

Q.10 Six persons – Rahul, Ram, Ranjan, Reena, Rohit and Rupali – are sitting around a circular table facing the centre, but not necessarily in the same order. Rupali is sitting second to the right of Ram, who is Reena's immediate neighbour. Rohit is not an immediate neighbour of Reena. Rahul is an immediate neighbour of both, Rupali and Ram.
Who is sitting second to the left of Ram?

- Ans**
- ☐ 1. Reena
 - ☐ 2. Rupali
 - ☒ 3. Ranjan
 - ☐ 4. Rahul

Q.11 EBHD is related to IFLH in a certain way based on the English alphabetical order. In the same way, JGMI is related to NKQM. To which of the following is OLRN related, following the same logic?

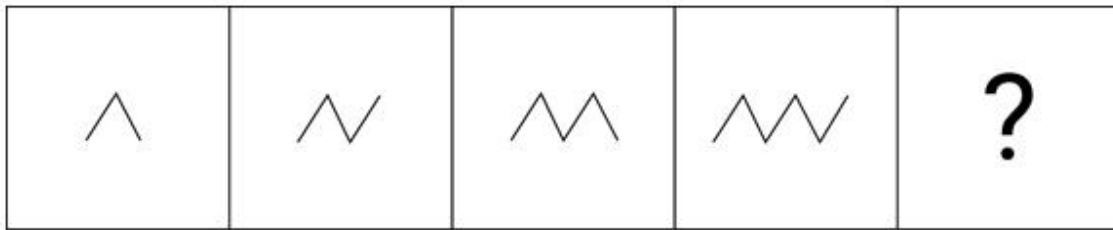
- Ans**
- ☐ 1. PSVR
 - ☐ 2. SPRV
 - ☒ 3. SPVR
 - ☐ 4. PSRV

Q.12 18 is related to 91 following a certain logic. Following the same logic, 27 is related to 136. To which of the following is 45 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

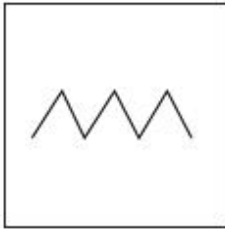
- Ans**
- ☐ 1. 222
 - ☒ 2. 226
 - ☐ 3. 234
 - ☐ 4. 238

Q.13 Identify the figure from the given options that can replace the question mark (?) and logically complete the series.

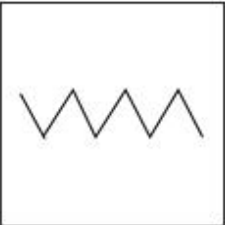


Ans

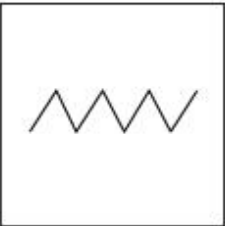
✓ 1.



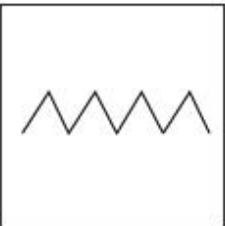
✗ 2.



✗ 3.



✗ 4.



Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All irons are heaters.

Some irons are fans.

Conclusions:

(I) Some heaters are fans.

(II) All fans are irons.

- Ans
- ✗ 1. Only conclusion II follows
 - ✗ 2. Both conclusion I and II follow
 - ✗ 3. Neither conclusion I nor II follows
 - ✓ 4. Only conclusion I follows

Q.15 Select the number from among the given options that can replace the question mark (?) in the following series.

2, 3, 6, 11, 18, ?

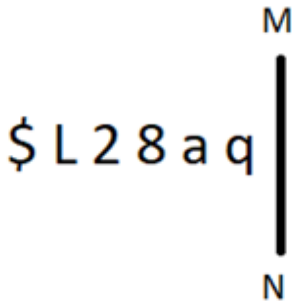
- Ans
- ✗ 1. 30
 - ✗ 2. 31
 - ✓ 3. 27
 - ✗ 4. 29

Q.16 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

HXS, JVQ, LTO, NRM, ?

- Ans
- ☐ 1. PNQ
 - ☒ 2. PPK
 - ☐ 3. PPM
 - ☐ 4. OPD

Q.17 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☐ 1. b e 8 5 J 2
 - ☐ 2. p 6 8 L 2 2
 - ☐ 3. p 6 2 8 7 \$
 - ☒ 4. p 6 8 5 J 2

Q.18 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

246, 123

448, 224

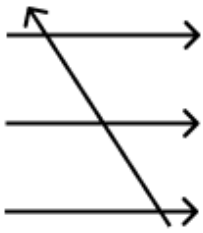
- Ans
- ☒ 1. 624, 312
 - ☐ 2. 444, 66
 - ☐ 3. 102, 226
 - ☐ 4. 325, 96

Q.19 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$2 \div 40 \times 5 - 4 + 5 = ?$

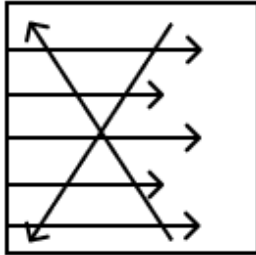
- Ans
- ☒ 1. 15
 - ☐ 2. 31
 - ☐ 3. 13
 - ☐ 4. 11

Q.20 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).

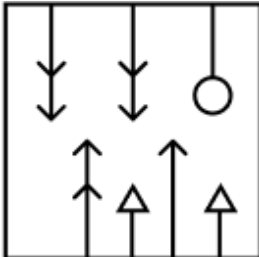


Ans

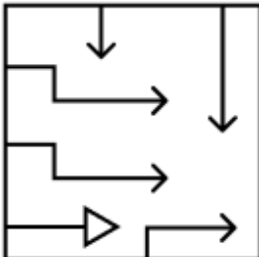
✓ 1.



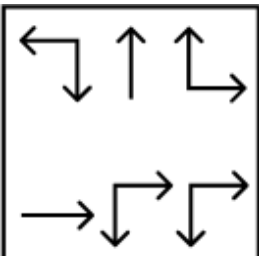
✗ 2.



✗ 3.



✗ 4.



Section : **General Awareness**

Q.1 In 1990, who established Nrityagram, a dance school in Bengaluru?

- Ans
- ✗ 1. Rekha Raju
 - ✗ 2. Madhavi Mudgal
 - ✗ 3. Mukti Mohan
 - ✓ 4. Protima Gauri Bedi

Q.2 The modern-day _____ was molded by the renowned Tanjore Bandhu, consisting of the four Nattuvanars: Ponnayya, Vadivelu, Sivanandam and Chinnayya.

- Ans
- ✗ 1. Kathakali
 - ✓ 2. Bharatanatyam
 - ✗ 3. Mohiniyattam
 - ✗ 4. Kuchipudi

Q.3	Who is the author of ‘The story of My Experiments with Truth’?
Ans	 1. Paramahansa Yogananda  2. MK Gandhi  3. BR Ambedkar  4. Jawaharlal Nehru
Q.4	In which state is the Rewa Ultra Mega Solar Power Project located?
Ans	 1. Tamil Nadu  2. Rajasthan  3. Madhya Pradesh  4. Karnataka
Q.5	Who became the first female armless archer to win a medal at the Para World Championship event, 2023?
Ans	 1. Shikha Devi  2. Sheetal Devi  3. Seema Devi  4. Shreya Devi
Q.6	The percentage of pore space between the particles inside a rock or soil is called:
Ans	 1. Porosity  2. Density  3. Salinity  4. Permeability
Q.7	To control the prices, which of the following Sultans of Delhi set up three different markets for different commodities in Delhi?
Ans	 1. Alauddin Khalji  2. Shamsuddin Iltutmish  3. Muhammad bin Tughlaq  4. Ghiyasuddin Balban
Q.8	For which of the following minerals are Jharia and Raniganj known?
Ans	 1. Coal  2. Gold  3. Marble  4. Copper
Q.9	Losar festival is celebrated in which of the following states?
Ans	 1. Arunachal Pradesh  2. Goa  3. Andhra Pradesh  4. Chhattisgarh
Q.10	Identify the correct match in the context of microfinance.
Ans	 1. Muhammad Yunus - Grameen Bank - Bangladesh  2. Muhammad Yasir - Grameen Bank - Bangladesh  3. Muhammad Yunus - Grameen Bank - Pakistan  4. Muhammad Yasir - Grameen Bank - Pakistan
Q.11	Who among the following formed an organisation to support widow remarriage in Madras Presidency?
Ans	 1. C Rajagopalachari  2. Ishwar Chandra Vidyasagar  3. Veereshlingam Pantulu  4. V Chidambaram Pillai

Q.12 Which state in India has the largest scheduled tribe population as per the 2011 Census?

- Ans**
- ☒ 1. Madhya Pradesh
 - ☐ 2. Jharkhand
 - ☐ 3. Odisha
 - ☐ 4. Chhattisgarh

Q.13 Which of the following Articles entails “Equality of opportunity in matters of public employment”?

- Ans**
- ☐ 1. Article 15
 - ☐ 2. Article 14
 - ☐ 3. Article 17
 - ☒ 4. Article 16

Q.14 Which of the following statements is correct?

- Ans**
- ☐ 1. Granaries in the Indus Valley Civilization were found in Harappa only.
 - ☐ 2. Harappan culture spread only to Sindh and Punjab.
 - ☒ 3. At burials in Harappan sites the dead were generally laid in pits.
 - ☐ 4. The script of the Harappan culture has been deciphered by historians.

Q.15 At 10×10^4 Pa pressure and 300 K temperature, the volume of 0.09 mol CO_2 gas is $22.4 \times 10^{-3} \text{ m}^3$. What will be the volume of the gas if the pressure is decreased to 2×10^4 Pa?

- Ans**
- ☐ 1. $37.4 \times 10^{-3} \text{ m}^3$
 - ☐ 2. $28.1 \times 10^{-3} \text{ m}^3$
 - ☒ 3. $112.0 \times 10^{-3} \text{ m}^3$
 - ☐ 4. $56.3 \times 10^{-3} \text{ m}^3$

Q.16 What was the name of the official torch for the Khelo India University Games 2022?

- Ans**
- ☒ 1. Shakti
 - ☐ 2. Ujala
 - ☐ 3. Samarth
 - ☐ 4. Mitra

Q.17 What is the chemical name for the compound responsible for the cooling sensation in mint leaves?

- Ans**
- ☒ 1. Menthol
 - ☐ 2. Capsaicin
 - ☐ 3. Ethanol
 - ☐ 4. Caffeine

Q.18 The _____ scheme, that covers artisans related to 18 fields, was included under the 'Payments Infrastructure Development Fund' ('PIDF') scheme by the Reserve Bank of India in October 2023.

- Ans**
- ☐ 1. PM Ullas
 - ☐ 2. PM USHA
 - ☐ 3. PM Swanidhi
 - ☒ 4. PM Vishwakarma

Q.19 Sawai Gandharva was associated with which of the following gharanas?

- Ans**
- ☐ 1. Indore gharana
 - ☐ 2. Agra gharana
 - ☒ 3. Kirana gharana
 - ☐ 4. Benaras gharana

Q.20 In the State Legislature, _____ is subject to dissolution.

- Ans**
- ☒ 1. House of People
 - ☒ 2. Legislative Assembly
 - ☒ 3. Legislative Council
 - ☒ 4. Council of States

Q.21 In March 2023, who was appointed as Chairperson of Pension Fund Regulatory Development Authority (PFRDA)?

- Ans**
- ☒ 1. Tushar Mehta
 - ☒ 2. Deepak Mohanty
 - ☒ 3. Suresh N Patel
 - ☒ 4. Subodh Jaiswal

Q.22 As per Census 2011, which of the following is the most populated city in India?

- Ans**
- ☒ 1. Kolkata
 - ☒ 2. Delhi
 - ☒ 3. Mumbai
 - ☒ 4. Chennai

Q.23 Which of the following options represents the correct flow of energy in an ecosystem?

- Ans**
- ☒ 1. Sunlight → Carnivores → Producers → Herbivores
 - ☒ 2. Sunlight → Producers → Herbivores → Carnivores
 - ☒ 3. Sunlight → Herbivores → Producers → Carnivore
 - ☒ 4. Sunlight → Herbivores → Carnivores → Producers

Q.24 The second largest dome in the world was built in India and is still standing strong. Which dome is being spoken about here?

- Ans**
- ☒ 1. Gol Gumbaz
 - ☒ 2. GlampEco
 - ☒ 3. Calico Dome
 - ☒ 4. Teela

Q.25 The partition of _____ was annulled in 1911.

- Ans**
- ☒ 1. Burma
 - ☒ 2. Punjab
 - ☒ 3. United Provinces
 - ☒ 4. Bengal

Section : **English Language and Comprehension**

Q.1 Select the most appropriate meaning of the underlined word.
The sink is clogged due to solid materials.

- Ans**
- ☒ 1. A pipeline for water supply
 - ☒ 2. A large fixed container to wash hands or utensils
 - ☒ 3. A container which holds water
 - ☒ 4. To drown in water

Q.2 Select the most appropriate option to fill in the blank.

Despite his initial _____, he eventually agreed to join the team.

- Ans**
- ☒ 1. compassion
 - ☒ 2. determination
 - ☒ 3. reluctance
 - ☒ 4. enthusiasm

Q.3 Select the most appropriate present tense form of the verb to fill in the blank.

_____ they like sweets?

- Ans**
- ☒ 1. Do
 - ☐ 2. Had
 - ☐ 3. Does
 - ☐ 4. Has

Q.4 Select the correctly spelt word to fill in the blank.

We _____ to follow the traffic rules.

- Ans**
- ☐ 1. aught
 - ☐ 2. aut
 - ☐ 3. oght
 - ☒ 4. ought

Q.5 Select the most appropriate option to fill in the blank.
Industrialisation gives even the least talented person a chance to _____ his livelihood.

- Ans**
- ☒ 1. Earn
 - ☐ 2. Live
 - ☐ 3. Give
 - ☐ 4. Break

Q.6 Select the most appropriate meaning of the given idiom.

On the back foot

- Ans**
- ☐ 1.
Situated farther away
 - ☐ 2.
In a hurry
 - ☐ 3. In a relaxed state
 - ☒ 4.
At a disadvantage

Q.7 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Inadvertant
 - ☐ 2. Synchronous
 - ☐ 3. Blatant
 - ☐ 4. Effeminate

Q.8 Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.

A grand function was organised to honour the person who had died for a noble cause.

- Ans**
- ☐ 1. prophet
 - ☐ 2. philanthropist
 - ☐ 3. volunteer
 - ☒ 4. martyr

Q.9 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Bitter
 - ☒ 2. Awsome
 - ☐ 3. Awful
 - ☐ 4. Barren

Q.10 Select the most appropriate option to fill in the blank.
The investigating team smelled a _____ in the suspect's defence.

- Ans
- ☐ 1. dog
 - ☐ 2. bat
 - ☒ 3. rat
 - ☐ 4. cat

Q.11 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

A good lawyer / always looks in the / case before he / attends court.

- Ans
- ☐ 1. case before he
 - ☐ 2. attends court
 - ☐ 3. A good lawyer
 - ☒ 4. always looks in the

Q.12 Select the correctly spelt word to fill in the blank meaningfully..

The _____ on the wall was beautifully painted.

- Ans
- ☐ 1. picter
 - ☐ 2. pickchure
 - ☐ 3. pictur
 - ☒ 4. picture

Q.13 Select the most appropriate synonym of the given word.

Gloomy

- Ans
- ☐ 1. Vain
 - ☐ 2. Buoyant
 - ☒ 3. Dismal
 - ☐ 4. Sticky

Q.14 Select the most appropriate ANTONYM of the given word.

Predicament

- Ans
- ☐ 1. Mess
 - ☐ 2. Redeem
 - ☒ 3. Solution
 - ☐ 4. Docile

Q.15 Select the most appropriate superlative adjective form to fill in the blanks.

What's ____ book you've ever read?

- Ans
- ☐ 1. interesting
 - ☐ 2. the interesting
 - ☒ 3. the most interesting
 - ☐ 4. more interesting

Q.16 Select the option that will improve the underlined part of the given sentence.

According to Greek mythology, Sipylus is holier city of Lydia.

- Ans
- ☐ 1. most holiest
 - ☒ 2. the holiest
 - ☐ 3. most holy
 - ☐ 4. the holier

Q.17 Select the most appropriate option that can substitute the highlighted word(s) in the given sentence.

Mr. Wilson is elder than he looks.

- Ans**
- ☒ 1. older then
 - ☒ 2. older than
 - ☒ 3. elder for
 - ☒ 4. elder to

Q.18 Parts of the following sentence have been given as options. Select the option that contains an error.

Before the internet was available on mobile, I read often books for entertainment and information.

- Ans**
- ☒ 1. I read often books
 - ☒ 2. for entertainment and information.
 - ☒ 3. Before the internet
 - ☒ 4. was available on mobile

Q.19 The following sentence has been split into four segments. Identify the segment that contains a grammatical/spelling error.

They decided to /start their journey / towards the hills / in midnight.

- Ans**
- ☒ 1. start their journey
 - ☒ 2. towards the hills
 - ☒ 3. They decided to
 - ☒ 4. in midnight

Q.20 Select the most appropriate ANTONYM of the given word.

Obsequious

- Ans**
- ☒ 1. Obliterate
 - ☒ 2. Obstinate
 - ☒ 3. Ordained
 - ☒ 4. Ostracised

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Opera refers (1)_____ a dramatic art form, originating in Europe, in which the emotional content (2)_____ conveyed to the audience as much through music, both vocal and instrumental, as it is through the lyrics. (3)_____ contrast, in musical theatre an actor's dramatic performance is primary, and the music (4)_____ a lesser role. The drama in opera is (5)_____ using the primary elements of theatre such as scenery, costumes and acting.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. to
 - ☒ 2. for
 - ☒ 3. with
 - ☒ 4. on

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Opera refers (1)_____ a dramatic art form, originating in Europe, in which the emotional content (2)_____ conveyed to the audience as much through music, both vocal and instrumental, as it is through the lyrics. (3)_____ contrast, in musical theatre an actor's dramatic performance is primary, and the music (4)_____ a lesser role. The drama in opera is (5)_____ using the primary elements of theatre such as scenery, costumes and acting.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. are being
 - ☒ 2. were
 - ☒ 3. is
 - ☒ 4. are

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Opera refers (1)_____ a dramatic art form, originating in Europe, in which the emotional content (2)_____ conveyed to the audience as much through music, both vocal and instrumental, as it is through the lyrics. (3)_____ contrast, in musical theatre an actor's dramatic performance is primary, and the music (4)_____ a lesser role. The drama in opera is (5)_____ using the primary elements of theatre such as scenery, costumes and acting.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. For
 - ☒ 2. Beside
 - ☒ 3. Under
 - ☒ 4. In

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Opera refers (1)_____ a dramatic art form, originating in Europe, in which the emotional content (2)_____ conveyed to the audience as much through music, both vocal and instrumental, as it is through the lyrics. (3)_____ contrast, in musical theatre an actor's dramatic performance is primary, and the music (4)_____ a lesser role. The drama in opera is (5)_____ using the primary elements of theatre such as scenery, costumes and acting.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. play
 - ☒ 2. playing
 - ☒ 3. plays
 - ☒ 4. played

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Opera refers (1)_____ a dramatic art form, originating in Europe, in which the emotional content (2)_____ conveyed to the audience as much through music, both vocal and instrumental, as it is through the lyrics. (3)_____ contrast, in musical theatre an actor's dramatic performance is primary, and the music (4)_____ a lesser role. The drama in opera is (5)_____ using the primary elements of theatre such as scenery, costumes and acting.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☒ 1. present
 - ☒ 2. presenting
 - ☒ 3. presented
 - ☒ 4. being present

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	05/11/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 6% per year rate of interest for 5 years.

- Ans**
- ☐ 1. 990
 - ☐ 2. 1090
 - ☐ 3. 1010
 - ☒ 4. 1050

Q.2 The milk and water in two buckets P and Q are in the ratio 5 : 3 and 1 : 4, respectively. In what ratio are the liquids in both the buckets mixed to obtain a new mixture in a third bucket R containing 50% milk and 50% water?

- Ans**
- ☐ 1. 7 : 13
 - ☐ 2. 7 : 9
 - ☐ 3. 4 : 7
 - ☒ 4. 12 : 5

Q.3 If the three sides of a triangle are 3 cm, 4 cm and 5 cm, respectively, then its area (in cm^2) is:

- Ans**
- ☐ 1. 8
 - ☒ 2. 6
 - ☐ 3. $\sqrt{6}$
 - ☐ 4. $\sqrt{8}$

Q.4 In a certain store, the profit is 260% of the cost. If the selling price is ₹7,200, then the cost price is:

- Ans**
- ☐ 1. ₹2,200
 - ☐ 2. ₹2,420
 - ☒ 3. ₹2,000
 - ☐ 4. ₹3,000

Q.5 What is the smallest multiple of 13 which when divided by 3, 4, 5 and 7 leaves the remainders of 1, 2, 3 and 5 respectively?

- Ans**
- ☐ 1. 2964
 - ☐ 2. 3016
 - ☒ 3. 2938
 - ☐ 4. 2652

Q.6 When the price of an article was reduced by 10% its sale increased by 60%. What was the net effect on the revenue?

- Ans**
- ☒ 1. Increase of 44%
 - ☐ 2. Decrease of 24%
 - ☐ 3. Decrease of 44%
 - ☐ 4. Increase of 24%

Q.7 A person marks his goods x% above the cost price and allows a discount of 28% on the marked price. If his profit is 22.4%, then the value of x is:

- Ans**
- ☐ 1. 80
 - ☐ 2. 50
 - ☐ 3. 30
 - ☒ 4. 70

Q.8 A hollow ball is to be made with outer radius 7 units and inner radius 3.5 units.

How much material (in cubic units) will be required to make the ball (take $\pi = \frac{22}{7}$)?

- Ans
- ☐ 1. $\frac{3737}{3}$
 - ☐ 2. $\frac{7337}{3}$
 - ☒ 3. $\frac{3773}{3}$
 - ☐ 4. $\frac{7373}{3}$

Q.9 An athlete crosses 1950 m distance in 13 minutes. What is his speed in km/hr?

- Ans
- ☐ 1. 8
 - ☐ 2. 7
 - ☒ 3. 9
 - ☐ 4. 6

Q.10 Arman leaves ₹2,17,600 to be divided among four sons, three daughters and five nephews. If each daughter receives 3 times as much as each nephew and each son receives 5 times as much as each nephew, how much does each son receive?

- Ans
- ☐ 1. ₹25,600
 - ☐ 2. ₹18,200
 - ☐ 3. ₹36,000
 - ☒ 4. ₹32,000

Q.11 A person buys a horse for 15 pounds. After one year, he sells it for 20 pounds. After one year, again he buys the same horse for 30 pounds and sells it for 40 pounds. What is the overall profit percentage for that person over both the transactions?

- Ans
- ☐ 1. 40.33%
 - ☐ 2. 35.33%
 - ☐ 3. 30.33%
 - ☒ 4. 33.33%

Q.12 If the radius of a cylinder is decreased by 25% and the height is increased by 25% to form a new cylinder, what is the percentage decrease in new volume (rounded off to two digits after the decimal)?

- Ans
- ☒ 1. 29.69%
 - ☐ 2. 39.5%
 - ☐ 3. 27.5%
 - ☐ 4. 40.2%

Q.13 A policeman can catch a thief in fifteen minutes when the distance between them is 2 km. If the policeman starts chasing the thief at 9:00 a.m. and he catches the thief at 9:40 a.m., what was the initial distance between the thief and the policeman?

- Ans
- ☐ 1. $\frac{11}{3}$ km
 - ☐ 2. $\frac{22}{3}$ km
 - ☒ 3. $\frac{16}{3}$ km
 - ☐ 4. $\frac{8}{3}$ km

Q.14 The average of 8 numbers 127, 432, p, 89, q, 99, 842 and 76 is 221 and the numbers p and q are two-digit numbers. If the units digit of p is one less than that of q and tens digit of q is one less than that of p, then the sum of the digits of p is:

- Ans**
- ☒ 1. 11
 - ☐ 2. 13
 - ☐ 3. 12
 - ☐ 4. 14

Q.15 Kumar took a loan from a bank at the rate of 9.5% per annum at simple interest. After 6 years he had to pay ₹3,705 as interest only for the period. The principal amount borrowed by him was:

- Ans**
- ☐ 1. ₹8,200
 - ☐ 2. ₹2,100
 - ☐ 3. ₹5,800
 - ☒ 4. ₹6,500

Q.16 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 3% per year rate of interest for 2 years.

- Ans**
- ☐ 1. 120
 - ☐ 2. 140
 - ☐ 3. 220
 - ☒ 4. 180

Q.17 By selling an article for ₹880, a shopkeeper gains 10%. What would his gain percentage be if he sells the article for ₹900?

- Ans**
- ☐ 1. 20%
 - ☐ 2. 16%
 - ☒ 3. 12.5%
 - ☐ 4. 10%

Q.18 The average weight of 25 students of a school is 57 kg. If the weight of the teacher is included, the average weight increases by 0.8 kg. Find the weight of the teacher.

- Ans**
- ☐ 1. 75.8 kg
 - ☐ 2. 76.8 kg
 - ☒ 3. 77.8 kg
 - ☐ 4. 78.8 kg

Q.19 Three numbers are in the ratio 3 : 4 : 5 and their LCM is 2400. Their HCF is:

- Ans**
- ☒ 1. 40
 - ☐ 2. 30
 - ☐ 3. 25
 - ☐ 4. 60

Q.20 A class of 42 students took a Physics test. 18 students had an average score of 95. The other students had an average score of 73. What is the average score (rounded off to one decimal place) of the whole class?

- Ans**
- ☐ 1. 86.1
 - ☐ 2. 90.7
 - ☒ 3. 82.4
 - ☐ 4. 79.6

Section : Reasoning Ability and Problem Solving

Q.1 In a certain code language, 'sold the painting' is written as 'ju ri gi' and 'directors sold business' is coded as 'hu fe ju'. How is 'sold' coded in that language?

- Ans**
- ☐ 1. ri
 - ☐ 2. hu
 - ☒ 3. ju
 - ☐ 4. fe

Q.2 E, F, G, H, I and J are sitting around a round table facing the centre (but not necessarily in the same order). F is sitting to the immediate left of G and immediate right of E. J is sitting to the immediate right of H and immediate left of I. H is sitting to the immediate right of G. Who is sitting to the immediate left of E?

- Ans**
-  1. F
 -  2. J
 -  3. I
 -  4. H

Q.3 In a certain code language, 'listen to music' is written as 'fd si lr' and 'you should listen' is written as 'lr ep wi'. How is 'listen' written in the given language?

- Ans**
-  1. ep
 -  2. lr
 -  3. fd
 -  4. wi

Q.4 A, C, F, E, B, U and P are sitting around a circular table facing away from the centre (but not necessarily in the same order). F is sitting third to the right of E. P is sitting third to the left of A. U is sitting third to the right of C. E is an immediate neighbour to the left of P. C is not an immediate neighbour of P. Who among the following is sitting third to the right of U?

- Ans**
-  1. P
 -  2. A
 -  3. B
 -  4. E

Q.5 Find the missing term in the following series:
MM, LO, KQ, __, IU, HW.

- Ans**
-  1. JS
 -  2. KP
 -  3. JP
 -  4. KS

Q.6 OKRN is related to QMTP in a certain way based on the English alphabetical order. In the same way, RNUQ is related to TPWS. To which of the following is UQXT related following the same logic?

- Ans**
-  1. WSVZ
 -  2. SWZV
 -  3. WSZV
 -  4. SWVZ

Q.7 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$31 \times 961 \div 155 - 73 + 54 = ?$$

- Ans**
-  1. 44
 -  2. 42
 -  3. 24
 -  4. 22

Q.8 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

18, 37
22, 45

- Ans**
-  1. 27, 59
 -  2. 26, 53
 -  3. 24, 72
 -  4. 25, 57

Q.9 What should come in place of the question mark (?) in the given series?

47 60 86 125 177 ?

- Ans**
- ☒ 1. 236
 - ☒ 2. 242
 - ☒ 3. 203
 - ☒ 4. 211

Q.10 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. Select the pair in which the numbers are related in the same way as are the numbers of the given pairs. (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

13, 167

17, 287

- Ans**
- ☒ 1. 25, 255
 - ☒ 2. 18, 325
 - ☒ 3. 10, 98
 - ☒ 4. 23, 530

Q.11 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

•Some mats are yolks.

•Some toys are mats.

Conclusions:

(I)Some mats are jute.

(II)Toy is a yolk.

- Ans**
- ☒ 1. Only conclusion (II) follows
 - ☒ 2. Both conclusions (I) and (II) follow
 - ☒ 3. Only conclusion (I) follows
 - ☒ 4. Neither conclusion (I) nor (II) follows

Q.12 Select the number from among the given options that can replace the question mark (?) in the following series.

6 ,7, 9, 13, 21, ?

- Ans**
- ☒ 1. 40
 - ☒ 2. 39
 - ☒ 3. 38
 - ☒ 4. 37

Q.13 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $6 \div 3 \times 2 + 1 - 2 = ?$

- Ans**
- ☒ 1. 10
 - ☒ 2. 7
 - ☒ 3. 3
 - ☒ 4. 5

Q.14 11 is related to 127 following a certain logic. Following the same logic, 8 is related to 70. To which of the following is 14 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 217
 - ☒ 2. 240
 - ☒ 3. 202
 - ☒ 4. 194

Q.15 JK 3 is related to MH 6 in a certain way. In the same way, OD 11 is related to RA 14. To which of the following is RD 14 related, following the same logic?

- Ans**
- ☒ 1. UB 19
 - ☒ 2. UA 17
 - ☒ 3. UA 14
 - ☒ 4. UZ 17

Q.16 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some pillows are curtains.
No curtain is a bedsheet.

Conclusions:

(I) All pillows can never be bedsheets.
(II) Some curtains are not pillows.

- Ans**
- ☒ 1. Both conclusions I and II follow.
 - ☒ 2. Neither conclusion I nor II follows.
 - ☒ 3. Only conclusion I follows.
 - ☒ 4. Only conclusion II follows.

Q.17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

All lions are bears.
No lion is a cat.

Conclusions:

(I) No bear is a cat.
(II) No cat is a lion.

- Ans**
- ☒ 1. Neither conclusion I nor II follows.
 - ☒ 2. Both conclusions I and II follow.
 - ☒ 3. Only conclusion I follows.
 - ☒ 4. Only conclusion II follows.

Q.18 MKQO is related to TRXV in a certain way based on the English alphabetical order. In the same way, KIOM is related to RPVT. To which of the following is HFLJ related, following the same logic?

- Ans**
- ☒ 1. MOSQ
 - ☒ 2. OMSQ
 - ☒ 3. OMQS
 - ☒ 4. MOQS

Q.19 In a certain language, 'this college bag is expensive' is coded as 'br od hy jh pb' and 'your bag looks very heavy' is coded as 'mh sa tn dl od'. How is 'bag' coded in the given language?

- Ans**
- ☒ 1. br
 - ☒ 2. od
 - ☒ 3. mh
 - ☒ 4. jh

Q.20 In a certain code language, 'quip area flash' is coded as 'er to pg' and 'bacon quip bonus' is coded as 'to my te'. How is 'quip' coded in the given language?

- Ans**
- ☒ 1. pg
 - ☒ 2. my
 - ☒ 3. to
 - ☒ 4. er

Q.1	Who received 'Sangeet Natak Akademi' award 2022 for his/her contribution in the field of Kathak?
Ans	1. Rajendra Gangani 2. Shobha Koser 3. Jagdish Gangani 4. Nalini and Kamalini Asthana
Q.2	Who was appointed as the governor of Bengal by Sultan Balban after the revolt and subsequent death of Tughril Beg?
Ans	1. Mahmud Khan 2. Khizr Khan 3. Bughra Khan 4. Zafar Khan
Q.3	Which of the following languages was used by the Sangam poets for composing the texts?
Ans	1. Telugu 2. Tamil 3. Kannada 4. Malayalam
Q.4	Kathakali, one of the classical dance forms, is performed primarily in which state of India?
Ans	1. Tamil Nadu 2. Kerala 3. Punjab 4. Andhra Pradesh
Q.5	Which of the following organisations was established in Bombay by Atmaram Pandurang?
Ans	1. Prarthana Samaj 2. Satya Sodhak Samaj 3. Veda Samaj 4. Poona Sarvajanik Sabha
Q.6	Which of the following features of the Indian Constitution is added by the 97 th Constitutional Amendment Act?
Ans	1. Cooperative Societies 2. Foreign Policy 3. Independent Bodies 4. Elections to the Panchayats
Q.7	In which year was the Shri Mahila SEWA Sahakari Bank established?
Ans	1. 1975 2. 1974 3. 1972 4. 1971
Q.8	Which of the following location has NOT been selected for setting up the seven PM Mega Integrated Textile Region and Apparel (PM MITRA) Park for the textile sector announced by the Government of India in March 2023?
Ans	1. Karnataka 2. Gujarat 3. West Bengal 4. Maharashtra
Q.9	In which year did Roshan Mistry become the first Indian woman to win an Asian Games medal when she took the silver in the 100-m sprint?
Ans	1. 1951, Asian Games 2. 1958, Asian Games 3. 1954, Asian Games 4. 1962, Asian Games

Q.10 Which of the following is a NOT a natural fibre crop grown in India?

- Ans**
- ☒ 1. Polyester
 - ☐ 2. Hemp
 - ☐ 3. Jute
 - ☐ 4. Cotton

Q.11 The religious festival, 'Easter' is celebrated by which community?

- Ans**
- ☐ 1. Parsi community
 - ☒ 2. Christian community
 - ☐ 3. Jain community
 - ☐ 4. Muslim community

Q.12 As per National Multidimensional Poverty Index report 2023, what is the poverty rate of India (2019-21)?

- Ans**
- ☒ 1. 14.96%
 - ☐ 2. 20.89%
 - ☐ 3. 20.61%
 - ☐ 4. 15.47%

Q.13 In 1973, the first female high court judge of India Anna Chandy published her autobiography _____ in Malayalam.

- Ans**
- ☐ 1. The Test of My Life
 - ☒ 2. Atmakatha
 - ☐ 3. Playing it My Way
 - ☐ 4. The Race of My Life

Q.14 Where was the India House established to work for India's liberation from British possession?

- Ans**
- ☐ 1. San Francisco
 - ☒ 2. London
 - ☐ 3. Kabul
 - ☐ 4. Berlin

Q.15 Which physical feature of India is known for its lateritic soil which supports plantation crops?

- Ans**
- ☐ 1. The Himalayas
 - ☒ 2. Western Ghats
 - ☐ 3. Chhota Nagpur Pleateau
 - ☐ 4. Malabar Coast

Q.16 Select the correct order of the following metals in terms of their increasing reactivities.

- Ans**
- ☐ 1. Au, Mg, Cu and K
 - ☒ 2. Au, Cu, Mg and K
 - ☐ 3. K, Mg, Cu and Au
 - ☐ 4. K, Cu, Mg and Au

Q.17 Which of the following groups of plants are categorised as cryptogams?

- Ans**
- ☒ 1. Bryophytes and Thallophyta
 - ☐ 2. Gymnosperms and Angiosperms
 - ☐ 3. Pteridophyta and Angiosperms
 - ☐ 4. Thallophyta and Gymnosperms

Q.18 What is denatured alcohol?

- Ans**
- ☐ 1. Pure Ethanol
 - ☒ 2. Ethanol mixed with little methanol
 - ☐ 3. Propanol
 - ☐ 4. Pure Methanol

Q.19 Indian classical vocalist and Padma Vibhushan awardee Kishori Amonkar belongs to which of the following gharanas?

Ans  1. Mewati gharana
 2. Indore gharana
 3. Agra gharana
 4. Jaipur gharana

Q.20 Match the following and choose the correct option:

1 Multi-Party System	a) USA
2 Two Party system	b) China
3 Single Party system	c) India

Ans  1. 1 - b, 2 - c, 3 - a
 2. 1 - a, 2 - b, 3 - c
 3. 1 - c, 2 - b, 3 - a
 4. 1 - c, 2 - a, 3 - b

Q.21 What is the meaning of the term 'drop shot' in tennis?

Ans  1. A powerful overhead shot
 2. A shot that hits the lines on the court
 3. A shot played softly and close to the net
 4. A powerful service

Q.22 The elliptical shapes in temple architecture in Dravidian style are known by which of the given terms?

Ans  1. Gajaprishta
 2. Nasi
 3. Vrita
 4. Ayatasra

Q.23 Who among the following assumed the position of Central Vigilance Commissioner (CVC) in May 2023?

Ans  1. Rajeev Sinha
 2. Rajiv Gauba
 3. Amitabh Kant
 4. Praveen Kumar Srivastava

Q.24 Sedimentary rocks are formed by the process of deposition and compaction of fragments of rocks of various sizes. This process is called:

Ans  1. Iacoliths
 2. lithification
 3. weathering
 4. liquefaction

Q.25 According to the National Multidimensional Poverty Index of India: A Progress Review 2023, which of the following states has the LOWEST percentage of population being multidimensionally poor?

Ans  1. West Bengal
 2. Manipur
 3. Sikkim
 4. Rajasthan

Q.1 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The ambiguous statement of the leader raised criticism among the public.

- Ans**
- ☐ 1. Puzzled
 - ☒ 2. Clear
 - ☐ 3. Confusing
 - ☐ 4. Disorganised

Q.2 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Pursuit
 - ☐ 2. Stampede
 - ☐ 3. Almighty
 - ☒ 4. Sculpter

Q.3 Select the most appropriate synonym of the underlined word.

The corporator gathered heaps of curses, and his misdeeds can never be forgiven by the people.

- Ans**
- ☐ 1. Arguments
 - ☒ 2. Transgressions
 - ☐ 3. Confrontation
 - ☐ 4. Consequences

Q.4 Select the most appropriate option to fill in the blank.

Sarah said that she hates it when people _____ at her.

- Ans**
- ☐ 1. star
 - ☐ 2. stair
 - ☒ 3. stare
 - ☐ 4. steer

Q.5 Select the most appropriate ANTONYM of the underlined word

It is a betterment of his work.

- Ans**
- ☐ 1. Improvement
 - ☐ 2. Popularity
 - ☐ 3. Growth
 - ☒ 4. Worsening

Q.6 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Mischievous
 - ☐ 2. Questionnaire
 - ☐ 3. Occurred
 - ☐ 4. Peculiar

Q.7 Select the grammatically correct sentence from the given options.

- Ans**
- ☐ 1. He is more famous for all his contributions for weekly magazines.
 - ☐ 2. He is famous for all his contributions for weekly magazines.
 - ☒ 3. He is famous for all his contributions to weekly magazines.
 - ☐ 4. He is more famous for all his contributions to weekly magazines.

Q.8 The following sentence has been split into four segments. Identify the segment that contains an error.

I regret / in notify that / the model you want/ is out of stock.

- Ans**
- ☒ 1. in notify that
 - ☐ 2. is out of stock
 - ☐ 3. I regret
 - ☐ 4. the model you want

Q.9 Select the option that has an error in the usage of the present perfect tense.

- Ans**
- ☐ 1. I have completed my task.
 - ☐ 2. Rashi has completed her homework.
 - ☐ 3. Ravi has completed his project.
 - ☒ 4. Ravi has complete his homework.

Q.10 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

When Shina reached the bus stand, she realised that she has left her wallet at home.

- Ans**
- ☐ 1. she had been left her wallet
 - ☐ 2. she leaves her wallet
 - ☒ 3. she had left her wallet
 - ☐ 4. No improvement required

Q.11 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

Mary appeared for the test. She was waiting anxiously for the test result.

- Ans**
- ☐ 1. a piece of cake
 - ☐ 2. hitting the nail on the head
 - ☒ 3. on pins and needles
 - ☐ 4. jumping through hoops

Q.12 Select the most appropriate option to fill in the blank.

From contacting our loved ones to buying groceries for our daily needs, mobile phones fulfilled our every requirement during the COVID-19 pandemic. Not only during the pandemic, but mobile phones have also _____ our needs since the time of their invention.

- Ans**
- ☐ 1. exasperated
 - ☐ 2. annoyed
 - ☐ 3. incensed
 - ☒ 4. served

Q.13 Select the option that correctly rectifies the underlined spelling error.

He received an honarary degree for his contributions.

- Ans**
- ☒ 1. Honorary
 - ☐ 2. Honnaary
 - ☐ 3. Honnorary
 - ☐ 4. Honnary

Q.14 Select the most appropriate meaning of the given idiom.

Skeleton in the cupboard

- Ans**
- ☐ 1. A popular and known fact
 - ☐ 2. An interesting and thoughtful fact
 - ☐ 3. A famous and hidden fact
 - ☒ 4. An embarrassing and hidden fact

Q.15 From the given options, identify the sentence which is in the positive degree.

- Ans**
- ☐ 1. I have a greater idea in this regard.
 - ☐ 2. She is the most beautiful girl of the class.
 - ☐ 3. They are playing hockey with longer sticks.
 - ☒ 4. His brother is an intelligent boy.

Q.16 The following sentence has been split into four segments. Identify the segment that contains grammatical error(s).

At the zoo, a curious child / fed an elephant some peanuts, / while enthusiastic group of the visitors / watched in amazement.

- Ans**
- ☐ 1. watched in amazement.
 - ☐ 2. fed an elephant some peanuts
 - ☒ 3. while enthusiastic group of the visitors
 - ☐ 4. At the zoo, a curious child

Q.17 Select the most appropriate meaning of the given idiom.

Through thick and thin

- Ans**
- ☐ 1. To travel through thick and thin clouds
 - ☐ 2. To possess both thick and thin clothes
 - ☐ 3. To pass through thick and thin air
 - ☒ 4. To be supportive in both good and bad times

Q.18 Select the most appropriate synonym of the given word.

Contaminate

- Ans**
- ☐ 1. purify
 - ☒ 2. Pollute
 - ☐ 3. Clean
 - ☐ 4. Excel

Q.19 Select the option that can be used as a one-word substitute for the given phrase.

A medicine to counteract the effect of another medicine

- Ans**
- ☐ 1.
Alimony
 - ☐ 2.
Antibiotic
 - ☒ 3.
Antidote
 - ☐ 4.
Anticoagulant

Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
As he is not satisfied / with the jury's decision, / he appeal / in the higher court.

- Ans**
- ☐ 1. as he is not satisfied
 - ☐ 2. in the higher court
 - ☒ 3. he appeal
 - ☐ 4. with the jury's decision

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was Saturday evening last week. My parents and younger sister had (1)_____ to my uncle's house to (2)_____ the day. I had stayed back to prepare for a class test. At 5:00 p.m, someone (3)_____ the door bell. To my shock and dismay, one of my distant relatives, Mr. Sinha (4)_____ standing with his suitcase. I had to call him in most unwillingly. He was a big bore and nothing less than a chatterbox. I asked his preference (5)_____ coffee and tea.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.++))

- Ans**
- ☒ 1. going
 - ☒ 2. go
 - ☒ 3. went
 - ☒ 4. gone

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was Saturday evening last week. My parents and younger sister had (1)_____ to my uncle's house to (2)_____ the day. I had stayed back to prepare for a class test. At 5:00 p.m, someone (3)_____ the door bell. To my shock and dismay, one of my distant relatives, Mr. Sinha (4)_____ standing with his suitcase. I had to call him in most unwillingly. He was a big bore and nothing less than a chatterbox. I asked his preference (5)_____ coffee and tea.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.++))

- Ans**
- ☒ 1. spends
 - ☒ 2. spend
 - ☒ 3. spent
 - ☒ 4. spending

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was Saturday evening last week. My parents and younger sister had (1)_____ to my uncle's house to (2)_____ the day. I had stayed back to prepare for a class test. At 5:00 p.m, someone (3)_____ the door bell. To my shock and dismay, one of my distant relatives, Mr. Sinha (4)_____ standing with his suitcase. I had to call him in most unwillingly. He was a big bore and nothing less than a chatterbox. I asked his preference (5)_____ coffee and tea.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.++))

- Ans**
- ☒ 1. ring
 - ☒ 2. rings
 - ☒ 3. rung
 - ☒ 4. rang

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was Saturday evening last week. My parents and younger sister had (1)_____ to my uncle's house to (2)_____ the day. I had stayed back to prepare for a class test. At 5:00 p.m, someone (3)_____ the door bell. To my shock and dismay, one of my distant relatives, Mr. Sinha (4)_____ standing with his suitcase. I had to call him in most unwillingly. He was a big bore and nothing less than a chatterbox. I asked his preference (5)_____ coffee and tea.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.++))

- Ans**
- ☒ 1. was
 - ☒ 2. is
 - ☒ 3. been
 - ☒ 4. were

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

It was Saturday evening last week. My parents and younger sister had (1)_____ to my uncle's house to (2)_____ the day. I had stayed back to prepare for a class test. At 5:00 p.m, someone (3)_____ the door bell. To my shock and dismay, one of my distant relatives, Mr. Sinha (4)_____ standing with his suitcase. I had to call him in most unwillingly. He was a big bore and nothing less than a chatterbox. I asked his preference (5)_____ coffee and tea.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.++)

Ans

 1. among

 2. between

 3. on

 4. around

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	05/11/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 A luggage bag is bought for ₹4,000 and sold for ₹5,200. Find the profit percentage.

- Ans
- ☐ 1. 26%
 - ☐ 2. 28%
 - ☒ 3. 30%
 - ☐ 4. 24%

Q.2 If the numbers $X + 2$, $X + 5$, $2X - 3$ and $3X - 5$ are in proportion, then which of the following pairs of values is possible for X ?

- Ans
- ☐ 1. 4 and 2
 - ☐ 2. 5 and 3
 - ☒ 3. 5 and 1
 - ☐ 4. 3 and 2

Q.3 Evaluate the following.

$$108 \div 12 \times \frac{8}{9} \text{ of } 5 - 70 \div 5 + 28 \div \frac{4}{7} \times \frac{20}{7} (25 \div 5 \div 5 \div 5)$$

- Ans
- ☒ 1. 54
 - ☐ 2. 52
 - ☐ 3. 45
 - ☐ 4. 56

Q.4 A solid iron pole consists of a cylinder of height 3.5 m and base diameter 0.8 m. It is surmounted by another co-axial cylinder of height 0.75 m and radius 0.2 m. What is the total surface area (in m^2 rounded off to the nearest tens place) of the pole? (Take $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 16
 - ☐ 2. 8
 - ☐ 3. 12
 - ☒ 4. 10

Q.5 The area (in cm^2) of circle that can be inscribed in a square of side 12 cm is:

- Ans
- ☐ 1. 144π
 - ☐ 2. 72π
 - ☐ 3. 24π
 - ☒ 4. 36π

Q.6 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 9% per year rate of interest for 5 years.

- Ans
- ☐ 1. 1390
 - ☐ 2. 1290
 - ☐ 3. 1310
 - ☒ 4. 1350

Q.7 The monthly incomes of Selva for 3 months of a year are ₹19,500, ₹21,500 and ₹22,000. What is Selva's average income per month for these 3 months?

- Ans**
- ☒ 1. ₹21,500
 - ☒ 2. ₹21,000
 - ☒ 3. ₹20,000
 - ☒ 4. ₹20,500

Q.8 A reservoir is in the shape of a frustum of a right circular cone. It is 26 m across at the top and 2 m across at the bottom. It is 5 m deep. Find the area of its curved surface. (Take $\pi = \frac{22}{7}$)

- Ans**
- ☒ 1. 607 m²
 - ☒ 2. 572 m²
 - ☒ 3. 2157 m²
 - ☒ 4. 440 m²

Q.9 What is the difference between the average of prime numbers between 30 and 50 and the average of multiples of 3 between 20 and 50?

- Ans**
- ☒ 1. 3.2
 - ☒ 2. 2.6
 - ☒ 3. 4.5
 - ☒ 4. 5.3

Q.10 A number is increased by 24% and then decreased by 25%. What is the net increase or decrease percentage?

- Ans**
- ☒ 1. Decrease 7%
 - ☒ 2. Increase 7%
 - ☒ 3. Decrease 8%
 - ☒ 4. Increase 8%

Q.11 By selling an article for ₹20, a dealer makes a profit of 20%. By how much should he increase his selling price (in ₹, rounded off to two decimal place) so as to make a profit of 30%?

- Ans**
- ☒ 1. 2.67
 - ☒ 2. 3.67
 - ☒ 3. 1.67
 - ☒ 4. 4.67

Q.12 Ramesh Chandra purchased 360 bulbs for ₹18 each. However, 20 bulbs were fused and had to be thrown away. The remaining were sold at ₹20 each. Find the gain or loss per cent.

- Ans**
- ☒ 1. $4\frac{76}{81}\%$ Profit
 - ☒ 2. $7\frac{46}{81}\%$ Profit
 - ☒ 3. $4\frac{76}{81}\%$ Loss
 - ☒ 4. $7\frac{46}{81}\%$ Loss

Q.13 The average weight of 5 persons sitting in a boat is 28 kg. If the average weight of the boat and the persons sitting in the boat is 56 kg, what is the weight of the boat?

- Ans**
- ☒ 1. 232 kg
 - ☒ 2. 242 kg
 - ☒ 3. 122 kg
 - ☒ 4. 196 kg

Q.14 A policeman notices a thief from a distance of 220 m. He chases the thief when he started running the moment he saw the police. The thief and policeman run at the rate of 9 km/h and 11 km/h respectively. How much distance policeman has to cover for catching the thief?

- Ans**
- ☐ 1. 1.48 km
 - ☐ 2. 0.86 km
 - ☐ 3. 0.98 km
 - ☒ 4. 1.21 km

Q.15 The LCM of 16,20 and 24 is:

- Ans**
- ☒ 1. 240
 - ☐ 2. 180
 - ☐ 3. 260
 - ☐ 4. 135

Q.16 Rakesh marks an item for ₹5,400 and offers two successive discounts of 15% and 5%, respectively. What is the selling price of the item?

- Ans**
- ☐ 1. ₹4,300
 - ☐ 2. ₹4,500
 - ☐ 3. ₹4,400
 - ☒ 4. ₹4,360.50

Q.17 The average of all the numbers between 8 and 68 that are divisible by 9 is:

- Ans**
- ☐ 1. 33
 - ☐ 2. 40.5
 - ☐ 3. 31.5
 - ☒ 4. 36

Q.18 Ram borrows a sum of ₹24,000 from his friend Soham on 31December 2021 on the condition that he will return the same after one year with simple interest at 18% per annum. However, Ram is able to return the money on 1August 2022. What amount does Ram have to return to Soham?

- Ans**
- ☐ 1. ₹25,250
 - ☒ 2. ₹26,520
 - ☐ 3. ₹26,250
 - ☐ 4. ₹25,520

Q.19 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 8% per year rate of interest for 5 years.

- Ans**
- ☒ 1. 1000
 - ☐ 2. 1040
 - ☐ 3. 940
 - ☐ 4. 960

Q.20 A and B start running on a circular race track whose length is 3240 m. A and B start from the same point and at the same time, but in opposite directions. If A runs at a speed of 10 m/s and they cross each other 3 minutes after they start running, then what is B's speed (in m/s)?

- Ans**
- ☐ 1. 8.5
 - ☐ 2. 7.5
 - ☒ 3. 8
 - ☐ 4. 9

Q.1 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$310 \times 2 - 3 \div 40 + 170 = ?$$

- Ans**
- ☒ 1. 129
 - ☒ 2. 142
 - ☒ 3. 105
 - ☒ 4. 151

Q.2 22 is related to 43 following a certain logic. Following the same logic, 35 is related to 69. To which of the following is 81 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 161
 - ☒ 2. 162
 - ☒ 3. 160
 - ☒ 4. 163

Q.3 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

JBM, MEJ, PHG, SKD, ?

- Ans**
- ☒ 1. VNA
 - ☒ 2. WNA
 - ☒ 3. VNC
 - ☒ 4. WNB

Q.4 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some cameras are phones.

No phone is a laptop.

Conclusions:

(I) Some phones are cameras.

(II) Some laptops are phones.

- Ans**
- ☒ 1. Only conclusion I follows
 - ☒ 2. Both conclusion I and II follow
 - ☒ 3. Only conclusion II follows
 - ☒ 4. Neither conclusion I nor II follows

Q.5 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

10, 49
14, 69

- Ans**
- ☒ 1. 18, 88
 - ☒ 2. 17, 89
 - ☒ 3. 18, 89
 - ☒ 4. 17, 88

Q.6 U, V, W, X, Y, Z and A are sitting around a circular table facing the centre (but not necessarily in the same order). Only one person sits between Y and X when counted from the left of X. A sits third to the right of U. V sits third to the left of W. A sits to the immediate right of V. Z is not an immediate neighbour of V. How many people sit between Z and X when counted from the right of Z?

- Ans**
- ☐ 1. One
 - ☐ 2. Four
 - ☐ 3. Two
 - ☒ 4. Three

Q.7 In a code language, 'JASMINE' is coded as '213' and 'TULIP' is coded as '234'. How will 'CHAMELI' be coded in the same language?

- Ans**
- ☒ 1. 153
 - ☐ 2. 148
 - ☐ 3. 157
 - ☐ 4. 143

Q.8 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:All apples are mangoes. Some mangoes are oranges.

Conclusion (I): Some apples are oranges.

Conclusion (II): At least some oranges are mangoes.

- Ans**
- ☐ 1. Both conclusions I and II follow
 - ☐ 2. Only conclusion I follows
 - ☒ 3. Only conclusion II follows
 - ☐ 4. Neither conclusion I nor II follows

Q.9 In a certain code language, 'I Love biryani' is written as 'qs vx pg' and 'biryani was good' is written as 'vx pm ed'. How is 'biryani' written in the given code language?

- Ans**
- ☐ 1. pm
 - ☒ 2. vx
 - ☐ 3. ed
 - ☐ 4. qs

Q.10 EHJD is related to LOQK in a certain way based on the English alphabetical order. In the same way, GJLF is related to NQSM. To which of the following is ILNH related, following the same logic?

- Ans**
- ☐ 1. PSOU
 - ☒ 2. PSUO
 - ☐ 3. SPOU
 - ☐ 4. SPUO

Q.11 16 is related to 63 following a certain logic. Following the same logic, 19 is related to 75. To which of the following is 23 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 91
 - ☐ 2. 93
 - ☐ 3. 89
 - ☐ 4. 95

Q.12 EJ 536 is related to CH 425 in a certain way. In the same way, LO 397 is related to JM 286. To which of the following is XU 856 related following the same logic?

- Ans**
- ☐ 1. GT 925
 - ☐ 2. RJ 727
 - ☒ 3. VS 745
 - ☐ 4. DH 937

Q.13 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). D is sitting second to the left of B. Exactly two people are sitting between B and A when counted from the right of B. G is sitting to the immediate left of A. F is not an immediate neighbour of C. What is the position of G with respect to D?

- Ans**
- ☒ 1. Third to the left of
 - ☐ 2. Second to the left of
 - ☐ 3. Second to the right of
 - ☐ 4. Third to the right of

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some cameras are radios.

All radios are routers.

Conclusions:

(I): Some cameras are routers.

(II): No camera is a router.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow.
 - ☐ 2. Only conclusion (II) follows.
 - ☐ 3. Neither conclusion (I) nor (II) follows.
 - ☒ 4. Only conclusion (I) follows.

Q.15 In a certain code language, 'do it correctly' is written as 'nq sd fo' and 'Please do this' is written as 'rt fo in'. How is 'do' written in the given code language?

- Ans**
- ☒ 1. fo
 - ☐ 2. sd
 - ☐ 3. nq
 - ☐ 4. rt

Q.16 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $25 + 20 \times 10 \div 2 - 5 = ?$

- Ans**
- ☒ 1. 26
 - ☐ 2. 19
 - ☐ 3. 10
 - ☐ 4. 39

Q.17 Select the number from among the given options that can replace the question mark (?) in the following series.
18 , 37 , 75 , 151 , ? , 607 , 1215

- Ans**
- ☐ 1. 302
 - ☐ 2. 301
 - ☒ 3. 303
 - ☐ 4. 304

Q.18 PS 41 is related to KN 47 in a certain way. In the same way, TW 30 is related to OR 36. To which of the following is VY 27 related following the same logic?

- Ans**
- ☐ 1. HL 33
 - ☒ 2. QT 33
 - ☐ 3. LH 33
 - ☐ 4. TQ 33

Q.19	In a certain code language, 'POST' is coded as '3854' and 'TIPS' is coded as '5648'. What is the code for 'O' in that language?
Ans	 1. 4  2. 6  3. 3  4. 8
Q.20	What should come in place of the question mark (?) in the given series? 736, 689, 642, 595, 548 ?
Ans	 1. 499  2. 511  3. 501  4. 481

Section : **General Awareness**

Q.1	Before the introduction of Periodic Labour Force Survey (PLFS), what type of surveys did the National Statistical Office (NSO) conduct for employment and unemployment indicators in India?
Ans	 1. Decennial surveys  2. Quinquennial surveys  3. Biennial surveys  4. Monthly surveys
Q.2	Which volume of the 'Akbar-Nama' is known as Ain-i-Akbari and deals with Akbar's administration, household, army and the revenues and geography of his empire?
Ans	 1. Third  2. Fourth  3. Second  4. Fifth
Q.3	The 'Mahawat' term is associated with which season in North-West India?
Ans	 1. Winter rainfall  2. Rainy season  3. Summer rainfall  4. Post Monsoons rainfall
Q.4	Who among the following was appointed as the Director of the Central Bureau of Investigation (CBI) in May 2023?
Ans	 1. Rakesh Asthana  2. Shantanu Roy  3. Debadatta Chand  4. Praveen Sood
Q.5	In his autobiography, Babur described his interest in planning and laying out formal gardens, placed within rectangular walled enclosures and divided into four quarters by artificial channels. These gardens are known as _____ .
Ans	 1. Teen Bagh  2. Panch Bagh  3. Saat Bagh  4. Chahar Bagh
Q.6	Padma Shri Pandit Rajeev Tharanath, the famous _____ player is from the state of Karnataka.
Ans	 1. sitar  2. flute  3. violin  4. sarod

Q.7 Which of the following Articles is automatically suspended when an emergency is declared on the grounds of external aggression?

- Ans**
-  1. Article 22
 -  2. Article 32
 -  3. Article 35
 -  4. Article 19

Q.8 The Anusandhan National Research Foundation Bill, 2023 was introduced in Lok Sabha on 4 August 2023, which repeals the _____.

- Ans**
-  1. Science and Engineering Research Board Act, 2007
 -  2. Science and Engineering Research Board Act, 2006
 -  3. Science and Engineering Research Board Act, 2008
 -  4. Science and Engineering Research Board Act, 2009

Q.9 In which athletics event did Eldhose Paul win a gold medal at the Commonwealth Games 2022?

- Ans**
-  1. Triple Jump
 -  2. Long Jump
 -  3. Shot Put
 -  4. Javelin Throw

Q.10 Kelucharan Mohapatra is associated with which of the following dances?

- Ans**
-  1. Odissi
 -  2. Dumhal
 -  3. Fugdi
 -  4. Bihu

Q.11 Which of the following Census decades in India recorded the highest crude death rate?

- Ans**
-  1. 1911-1921
 -  2. 1991-2001
 -  3. 1941-1951
 -  4. 1931-1941

Q.12 Which day is celebrated as International Day of Non-Violence?

- Ans**
-  1. 31st October
 -  2. 15th August
 -  3. 2nd October
 -  4. 31st January

Q.13 Rita Mustaphi who is honoured with Mcknight Fellowship of 2023 for her excellent innovation in which of the following Indian Dance Forms?

- Ans**
-  1. Kathak
 -  2. Manipuri
 -  3. Yakshagana
 -  4. Kathakali

Q.14 At 1 bar pressure, the volume of a fixed amount of hydrogen gas is 2.27 litre. What will be the volume if the pressure is kept at 0.2 bar?

- Ans**
-  1. 10270 cm³
 -  2. 11350 cm³
 -  3. 12250 cm³
 -  4. 11.35 cm³

Q.15 The English novel 'Morning Face' is written by:

- Ans**
- ☐ 1. RK Narayan
 - ☒ 2. Mulk Raj Anand
 - ☐ 3. Anita Desai
 - ☐ 4. Vikram Seth

Q.16 The Swaraj party was formed within _____ with the thought of contesting elections to enter the legislative councils with a view to obstructing the governance of the colonial government.

- Ans**
- ☐ 1. The Unionist Party
 - ☐ 2. All India Muslim League
 - ☐ 3. Independent Labour Party
 - ☒ 4. Indian National Congress

Q.17 Select the correct sentence about the water table.

- Ans**
- ☒ 1. The water table varies from place to place.
 - ☐ 2. The lower level of the groundwater layer is called water table.
 - ☐ 3. Water cannot be found below the water table.
 - ☐ 4. The water table cannot be changed at a given place.

Q.18 How does salt contribute to the preservation of food?

- Ans**
- ☐ 1. By acting as an antioxidant.
 - ☐ 2. By promoting the Maillard reaction.
 - ☐ 3. By reducing the pH of the food.
 - ☒ 4. By inhibiting the growth of microorganisms through osmosis.

Q.19 Who among the following was a contemporary of Buddha, but is not considered the first founder of the religion?

- Ans**
- ☒ 1. Mahavira Swami
 - ☐ 2. Bhadrabahu
 - ☐ 3. Arishtanemi
 - ☐ 4. Rishabhanath

Q.20 Brahmo Samaj, the theistic movement within Hinduism, was founded by Raja Ram Mohan Roy in the year _____.

- Ans**
- ☐ 1. 1839
 - ☒ 2. 1828
 - ☐ 3. 1856
 - ☐ 4. 1879

Q.21 Which of the following is the main objective of the DWCRA model of SHGs?

- Ans**
- ☐ 1. To provide housing support for rural families
 - ☐ 2. To provide education opportunities for rural children
 - ☒ 3. To provide self-employment opportunities for rural women
 - ☐ 4. To provide healthcare services to rural women

Q.22 The shotgun (in the shooting sport) is a _____ gauge having a calibre of 18.5-millimetres (The gauge is a unit of measurement for firearms).

- Ans**
- ☐ 1. 15
 - ☐ 2. 18
 - ☒ 3. 12
 - ☐ 4. 10

Q.23 If the body of an animal can be divided into two indistinguishable left and right halves through only one plane, then it possesses:

- Ans**
- ☒ 1. bilateral symmetry
 - ☐ 2. centre of symmetry
 - ☐ 3. asymmetry
 - ☐ 4. radial symmetry

Q.24 Which of the following is NOT a private sector industry in India?

- Ans**
-  1. Bajaj Auto Ltd.
 -  2. Tata Iron and Steel Company (TISCO)
 -  3. Bharat Heavy Electricals Limited (BHEL)
 -  4. Dabur Industries

Q.25 Under Article 165, the Governor appoints a person who is qualified to be appointed a Judge of a High Court to be the _____ for the State.

- Ans**
-  1. Advocate-General
 -  2. Attorney General
 -  3. Chief Minister
 -  4. Comptroller Auditor General

Section : **English Language and Comprehension**

Q.1 Select the word segment that substitutes the bracketed word segment correctly and completes the sentence meaningfully.

The movie was (mostly over) when we entered the hall.

- Ans**
-  1. more done
 -  2. almost over
 -  3. most over
 -  4. most done

Q.2 Select the most appropriate synonym of the underlined word.
The politician's speech was an attempt to mitigate the concerns of the citizens.

- Ans**
-  1. Understand
 -  2. Aggravate
 -  3. Lessen
 -  4. Establish

Q.3 Identify the word that can replace the INCORRECTLY spelt word in the given sentence.
The bakery is known for its scrumptious pastries, especially the cinnamon rolls.

- Ans**
-  1. scrummpiouss
 -  2. scrumptuos
 -  3. scrumptious
 -  4. scrumptiouss

Q.4 select the most appropriate synonym of the word given in brackets.

Despite facing numerous challenges, her [tenacious] determination never faded one bit.

- Ans**
-  1. weak
 -  2. confused
 -  3. stubborn
 -  4. gentle

Q.5 Select the most appropriate option to fill in the blank.
I need to _____ my shoelaces before going out.

- Ans**
-  1. tye
 -  2. thai
 -  3. tie
 -  4. thigh

Q.6 Select the option that does NOT contain an adverb.

- Ans**
-  1. Maya was quite absent-minded during class today.
 -  2. He never forgets his homework.
 -  3. She ran swiftly to catch the thief.
 -  4. Rohit loves chocolate.

Q.7 Select the option that has an error in the use of present tense.

- Ans**
- ☐ 1. I have performed all my duties with utmost sincerity.
 - ☐ 2. The mother cooks delicious food for her children.
 - ☐ 3. The painter is painting the wall right now.
 - ☒ 4. I am observing your mischievous activities for half an hour.

Q.8 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Forgotten
 - ☒ 2. Indoulgent
 - ☐ 3. Veneration
 - ☐ 4. Happiness

Q.9 Select the most appropriate meaning of the given idiom.
To throw caution to the wind

- Ans**
- ☐ 1. To roam here and there aimlessly
 - ☐ 2. To do something with care and attention
 - ☒ 3. To do something without worrying about risk
 - ☐ 4. To give answer with utmost attention

Q.10 Select the most appropriate **ANTONYM** to substitute the underlined word in the given sentence.
How would you describe your ideal vacation destination?

- Ans**
- ☐ 1. instant
 - ☐ 2. gloomy
 - ☒ 3. faulty
 - ☐ 4. reproving

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.

John's coffee is hot than Jack's.

- Ans**
- ☐ 1. more hotter
 - ☒ 2. hotter
 - ☐ 3. most hot
 - ☐ 4. hottest

Q.12 Select the most appropriate option to fill in the blanks.

An adventurer packed _____ backpack and _____ assortment of survival gear for the challenging trek through the wilderness.

- Ans**
- ☐ 1. an; an
 - ☐ 2. a; a
 - ☒ 3. a; an
 - ☐ 4. an; a

Q.13 Identify the INCORRECTLY spelt word from the given sentence.
Comprehensiveness constitutes wisdom and many examples from history illustrate this fact.

- Ans**
- ☐ 1. Illustrate
 - ☐ 2. Comprehensiveness
 - ☒ 3. Constitues
 - ☐ 4. Wisdom

Q.14 Select the most appropriate option to fill in the blank.
We all _____ at the sky as it was full of stars that night.

- Ans**
- ☒ 1. Gazed
 - ☐ 2. Packed
 - ☐ 3. Saw
 - ☐ 4. Hooked

Q.15 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.
He looked extremely smart and handsomest in the black suit.

- Ans**
- ☐ 1. most handsome
 - ☐ 2. handsomely
 - ☒ 3. handsome
 - ☐ 4. handsomer

Q.16 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
Yesterday, / my surgeon / operate on my knee.

- Ans**
- ☐ 1. Yesterday
 - ☐ 2. No error
 - ☐ 3. my surgeon
 - ☒ 4. operate on my knee

Q.17 Select the most appropriate synonym of the underlined word.
The news of her promotion left her feeling buoyant, with a sense of accomplishment and pride in her work.

- Ans**
- ☐ 1. Shy
 - ☐ 2. Dour
 - ☐ 3. Peculiar
 - ☒ 4. Cheerful

Q.18 Select the most appropriate meaning of the underlined phrase.

Can you please stop continuously complaining about the student's shortcomings?

- Ans**
- ☒ 1. Whining
 - ☐ 2. Jestng
 - ☐ 3. Crying
 - ☐ 4. Grunting

Q.19 Select the most appropriate meaning of the given idiom.

Hanging by a thread.

- Ans**
- ☐ 1. To do something very risky
 - ☐ 2. To avoid danger or trouble
 - ☐ 3. Crude and lacking sophistication
 - ☒ 4. To be perilously close to failing, dying, or resulting in a bad outcome

Q.20 Select the most appropriate option that can substitute the underlined words in the given sentence.

After the heavy rains last Thursday, the water in the river raised another three feet.

- Ans**
- ☐ 1. will raise another three feet
 - ☐ 2. raise another three feet
 - ☒ 3. rose another three feet
 - ☐ 4. risen another three feet

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the realm of literature, metaphors and similes are like (1) _____ tools for writers. They serve to (2) _____ the reader's understanding and make the text more (3) _____. However, it's crucial for writers to (4) _____ use them, as excessive figurative language can (5) _____ the clarity of the writing.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. concision
 - ☐ 2. believable
 - ☒ 3. indispensable
 - ☐ 4. inoperative

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the realm of literature, metaphors and similes are like (1) _____ tools for writers. They serve to (2) _____ the reader's understanding and make the text more (3) _____. However, it's crucial for writers to (4) _____ use them, as excessive figurative language can (5) _____ the clarity of the writing.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. illuminate
 - ☐ 2. flaw
 - ☐ 3. abdicate
 - ☐ 4. cavitate

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the realm of literature, metaphors and similes are like (1) _____ tools for writers. They serve to (2) _____ the reader's understanding and make the text more (3) _____. However, it's crucial for writers to (4) _____ use them, as excessive figurative language can (5) _____ the clarity of the writing.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. meaning
 - ☒ 2. vivid
 - ☐ 3. ambiguity
 - ☐ 4. substantiality

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the realm of literature, metaphors and similes are like (1) _____ tools for writers. They serve to (2) _____ the reader's understanding and make the text more (3) _____. However, it's crucial for writers to (4) _____ use them, as excessive figurative language can (5) _____ the clarity of the writing.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. pathetically
 - ☐ 2. indiscriminately
 - ☒ 3. judiciously
 - ☐ 4. spatially

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the realm of literature, metaphors and similes are like (1) _____ tools for writers. They serve to (2) _____ the reader's understanding and make the text more (3) _____. However, it's crucial for writers to (4) _____ use them, as excessive figurative language can (5) _____ the clarity of the writing.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. simplify
 - ☒ 2. detract from
 - ☐ 3. clarify
 - ☐ 4. enhance

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	05/11/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 At what rate of simple interest will a sum of money double itself in 12 years?

- Ans
- ☐ 1. 18%
 - ☒ 2. $8\frac{1}{3}\%$
 - ☐ 3. $16\frac{2}{3}\%$
 - ☐ 4. 12%

Q.2 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 9% per year rate of interest for 5 years.

- Ans
- ☐ 1. 1065
 - ☐ 2. 1165
 - ☒ 3. 1125
 - ☐ 4. 1085

Q.3 A supermarket gives two successive discounts on a mobile phone marked ₹19,000. The first discount given is 14%. If the customer pays ₹15,048 for the phone, then what was the second discount (rounded up to two decimal points)?

- Ans
- ☐ 1. 7.51%
 - ☐ 2. 9.26%
 - ☒ 3. 7.91%
 - ☐ 4. 8.00%

Q.4 A shopkeeper sells an article for ₹450.30 with a loss of 21%. What is the cost price (in ₹) of the article?

- Ans
- ☐ 1. 521
 - ☐ 2. 485
 - ☐ 3. 429
 - ☒ 4. 570

Q.5 A dealer made some profit by selling a laptop for ₹88,000, which is equal to the amount of loss incurred on selling the same laptop for ₹72,000. If he had sold the laptop for ₹96,000, then his profit percentage would have been:

- Ans
- ☒ 1. 20%
 - ☐ 2. 25%
 - ☐ 3. 37.5%
 - ☐ 4. 31.7%

Q.6 The average of a non-zero number and its square is 7 times the number. The number is:

- Ans
- ☒ 1. 13
 - ☐ 2. 14
 - ☐ 3. 7
 - ☐ 4. 91

Q.7 The length of a rectangle is four-fifths of the side of the square, whose area is 1225 units². What is the area (in units²) of the rectangle if the breadth is 12 units?

- Ans
- ☐ 1. 300
 - ☒ 2. 336
 - ☐ 3. 425
 - ☐ 4. 225

Q.8 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 4% per year rate of interest for 5 years.

- Ans**
- ☒ 1. 700
 - ☐ 2. 740
 - ☐ 3. 640
 - ☐ 4. 660

Q.9 A hemispherical container of oil is 396 cm round the brim. $\frac{1}{3}$ of the volume of the container is empty. This oil is to be transferred in small hemispherical bowls having radius of 2.1 cm. How many bowls will be required? (Take $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 9000
 - ☐ 2. 27000
 - ☒ 3. 18000
 - ☐ 4. 900

Q.10 In a factory, the average monthly salary of 25 unskilled workers is ₹11,950, that of 20 mechanics is ₹24,000 and that of 5 supervisors is ₹35,000. The average monthly salary of all the employees is:

- Ans**
- ☐ 1. ₹19,180
 - ☒ 2. ₹19,075
 - ☐ 3. ₹19,055
 - ☐ 4. ₹19,225

Q.11 A library has an average number of 768 visitors on Monday, and 258 visitors on others day. Find the average number of visitors per day in a month of 30 days, beginning with Tuesday.

- Ans**
- ☐ 1. 236
 - ☐ 2. 362
 - ☐ 3. 263
 - ☒ 4. 326

Q.12

Refer to the given table and answer the question that follows.

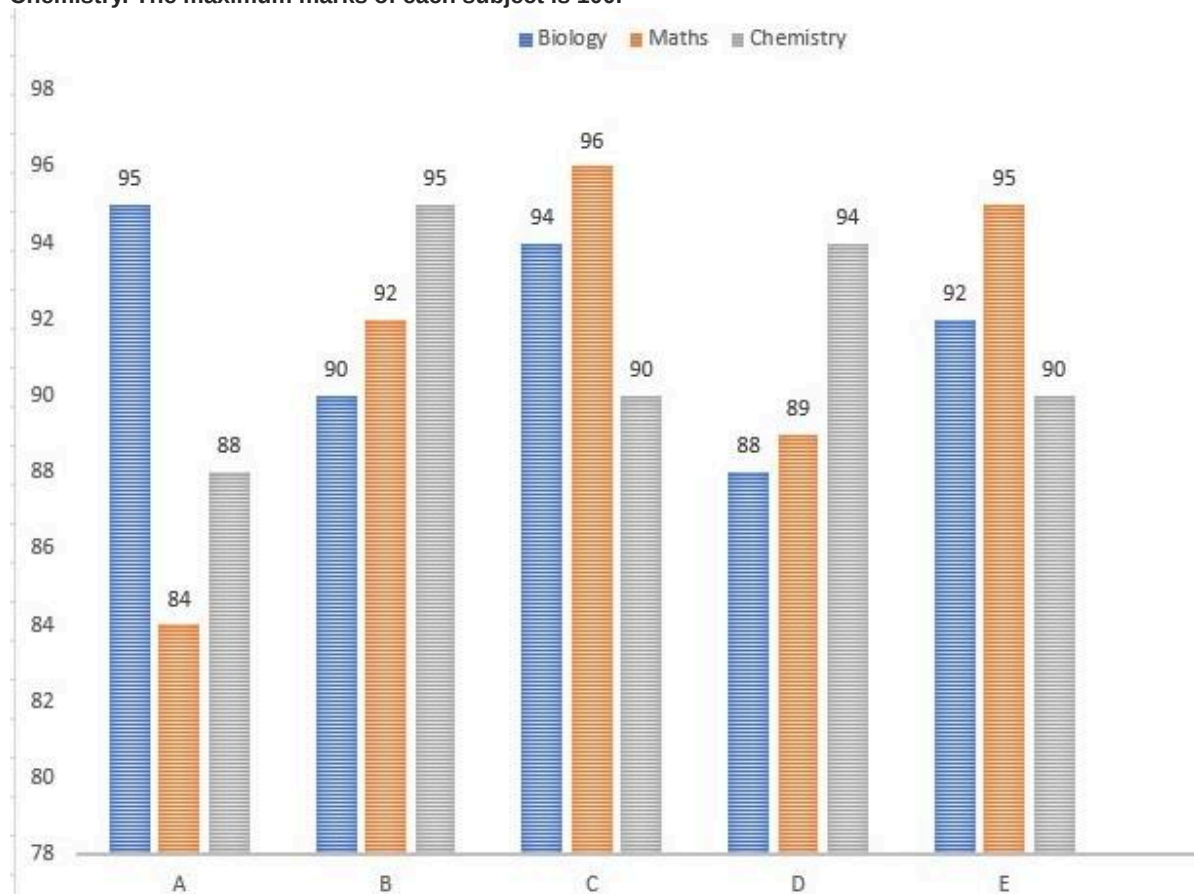
Items	Monthly expenses (in thousands)
Labour	30
Raw materials	60
Interest	50
Rent	40

Raw materials and labour are how much present percent of the total expenses?

- Ans**
- ☐ 1. 45%
 - ☐ 2. 55%
 - ☐ 3. 40%
 - ☒ 4. 50%

Q.13 Study the given bar graph and answer the question that follows.

The given bar graph shows the annual exam average marks for five sections of class XI in Biology, Mathematics and Chemistry. The maximum marks of each subject is 100.



Find the ratio between the average marks of five sections scored in Biology to the average marks scored in Chemistry.

- Ans
- ☒ 1. 59 : 37
 - ☒ 2. 459 : 457
 - ☒ 3. 1 : 3
 - ☒ 4. 2 : 5

Q.14 A trapezium has parallel sides 6 units and 10 units. Other two opposite sides are of same length 8 units and two diagonals are of equal length. What is the area of the trapezium (in square units)?

- Ans
- ☒ 1. $32\sqrt{3}$
 - ☒ 2. $16\sqrt{3}$
 - ☒ 3. $32\sqrt{5}$
 - ☒ 4. $16\sqrt{15}$

Q.15 Find the average of the first 10 natural numbers.

- Ans
- ☒ 1. 50
 - ☒ 2. 50.5
 - ☒ 3. 5.5
 - ☒ 4. 55.5

Q.16 The ratio of two numbers is 3:4 and their HCF is 4. Then, their LCM is:

- Ans
- ☒ 1. 28
 - ☒ 2. 38
 - ☒ 3. 48
 - ☒ 4. 24

Q.17 A thief is 150 metres away from a policeman. If the speed of the thief is 93 km/h and the speed of the policeman is 108 km/h, then the time taken by the policeman to catch the thief is:

- Ans**
- ☐ 1. 38 seconds
 - ☐ 2. 32 seconds
 - ☐ 3. 40 seconds
 - ☒ 4. 36 seconds

Q.18 If $\sqrt{5} : \sqrt{42} :: \sqrt{7} : x$, then what is the value of x?

- Ans**
- ☒ 1. $\frac{7}{5}\sqrt{30}$
 - ☐ 2. $\frac{7}{5}\sqrt{42}$
 - ☐ 3. $\frac{6}{5}\sqrt{30}$
 - ☐ 4. $\frac{6}{5}\sqrt{42}$

Q.19 A person divided a certain sum among his three sons in the ratio 3 : 4 : 5. Had he divided the sum in the ratio $\frac{1}{3} : \frac{1}{4} : \frac{1}{5}$, the son, who got the least share earlier, would have got ₹1,188 more. The sum (in ₹) was:

- Ans**
- ☒ 1. 6768
 - ☐ 2. 6876
 - ☐ 3. 6678
 - ☐ 4. 6687

Q.20 A 296-m long train is running at a speed of 72 km/h. In how much time will it pass a 144-m long bridge?

- Ans**
- ☐ 1. 27.5 seconds
 - ☐ 2. 30 seconds
 - ☐ 3. 25 seconds
 - ☒ 4. 22 seconds

Section : Reasoning Ability and Problem Solving

Q.1 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). B is sitting second to the right of A and to the immediate left of C. C is sitting second to the left of D. F is sitting to the immediate right of A. E is not an immediate neighbour of A. How many people are sitting between D and A when counted from the left of A?

- Ans**
- ☐ 1. Two
 - ☐ 2. None
 - ☐ 3. Three
 - ☒ 4. One

Q.2 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All books are racks.
All tables are books.

Conclusions:
(I) At least some racks are tables.
(II) All racks are books.

- Ans**
- ☒ 1. Only conclusion (I) follows
 - ☐ 2. Both conclusions (I) and (II) follow
 - ☐ 3. Only conclusion (II) follows
 - ☐ 4. Neither conclusion (I) nor (II) follows

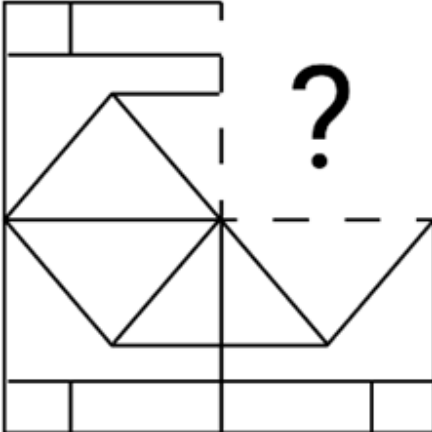
Q.3 In a certain code language, 'get a driver' is written as 'ki jo hu' and 'better get out' is written as 'ji hy ki'. How is 'get' written in the given language?

- Ans
- ☒ 1. hy
 - ☒ 2. jo
 - ☒ 3. ji
 - ☒ 4. ki

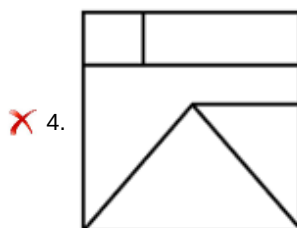
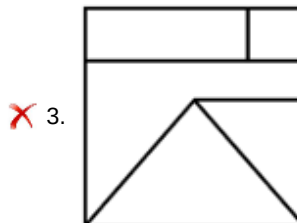
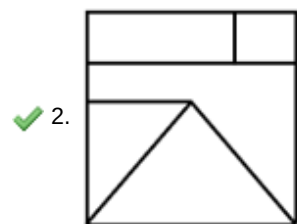
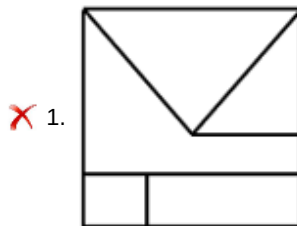
Q.4 HN74 is related to TZ55 in a certain way . In the same way, XD60 is related to JP41. To which of the following is ZF55 related, following the same logic?

- Ans
- ☒ 1. LR36
 - ☒ 2. RL36
 - ☒ 3. LR46
 - ☒ 4. RL46

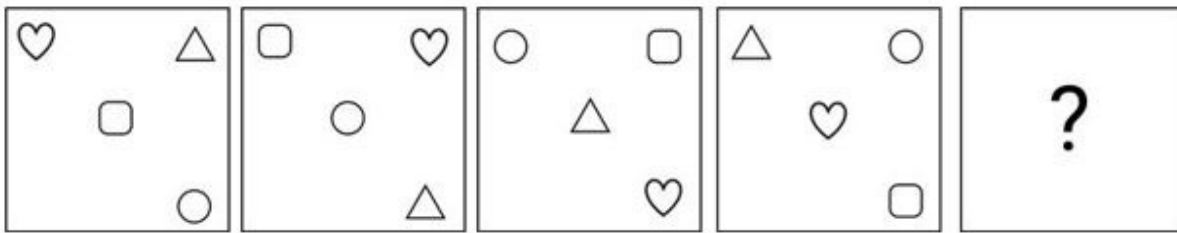
Q.5 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.



Ans

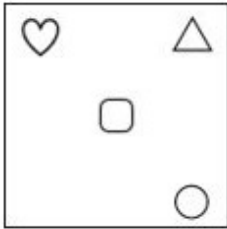


Q.6 Identify the figure given in the options that when put in place of the question mark (?) will logically complete the series.

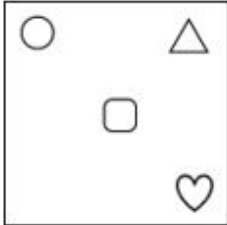


Ans

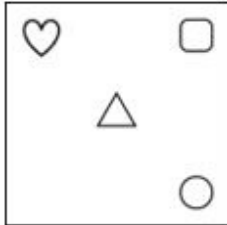
✓ 1.



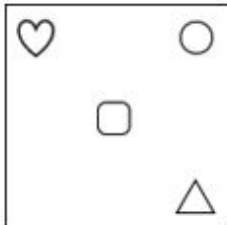
✗ 2.



✗ 3.



✗ 4.



Q.7 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$41 \div 6 + 99 \times 3 - 9 = ?$$

Ans ✗ 1. 226

✓ 2. 222

✗ 3. 220

✗ 4. 224

Q.8 Select the number from among the given options that can replace the question mark (?) in the following series.
12, 16, 22, 32, ?

Ans ✗ 1. 44

✓ 2. 46

✗ 3. 47

✗ 4. 45

Q.9 In a certain code language, 'GIRL' is coded as '3571' and 'TAGS' is coded as '4685'. What is the code for 'G' in that language?

- Ans**
- ☒ 1. 5
 - ☐ 2. 8
 - ☐ 3. 3
 - ☐ 4. 4

Q.10 CHUM is related to DJVO in a certain way based on the English alphabetical order. In the same way, NOPA is related to OQQC. To which of the following is DYIE related, following the same logic?

- Ans**
- ☐ 1. CBGI
 - ☐ 2. DBHG
 - ☒ 3. EAJG
 - ☐ 4. CCHI

Q.11 In a certain code language, 'CLOSE' is coded as '48793' and 'LOSER' is coded as '89243'. What is the code for 'R' in the given code language?

- Ans**
- ☐ 1. 8
 - ☒ 2. 2
 - ☐ 3. 4
 - ☐ 4. 7

Q.12 11 is related to 65 following a certain logic. Following the same logic, 16 is related to 90. To which of the following is 21 related following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 112
 - ☐ 2. 114
 - ☐ 3. 113
 - ☒ 4. 115

Q.13 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$22 \times 484 \div 44 - 93 + 12 = ?$$

- Ans**
- ☐ 1. 86
 - ☒ 2. 83
 - ☐ 3. 68
 - ☐ 4. 38

Q.14 What should come in place of the question mark (?) in the following series based on the English alphabetical order? SWS, TUQ, USO, VQM, ?

- Ans**
- ☐ 1. VOL
 - ☒ 2. WOK
 - ☐ 3. VOK
 - ☐ 4. WOL

Q.15 Six persons P1, P2, P3, P4, P5 and P6 sit around a circular table facing towards the centre (not necessarily in the same order). P2 sits second to the left of P5. One person sits between P2 and P6 when counted from the left of P2. P3 and P2 are not neighbours of P5 and P4, respectively.

Which of the following statement(s) is/are correct?

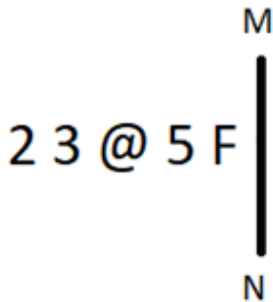
I. One person sits between P1 and P6 when counted from the right of P1.

II. P3 is an immediate neighbour of P2.

- Ans**
- ☐ 1. Neither I nor II
 - ☒ 2. Only II
 - ☐ 3. Only I
 - ☐ 4. Both I and II

- Q.16** Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(10, 360, 3)
(12, 720, 5)
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
- Ans** ☒ 1. (13, 1009, 7)
☒ 2. (8, 576, 6)
☒ 3. (17, 816, 3)
☒ 4. (11, 956, 8)

- Q.17** Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans** ☒ 1. 5 F @ 23
☒ 2. 7 2 @ 3 7
☒ 3. 7 5 @ 3 5
☒ 4. 7 2 @ 3 5

- Q.18** Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

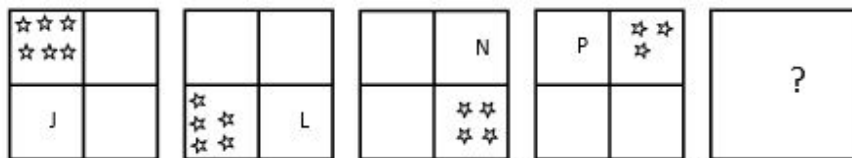
Statements: Some papers are pens. All the pencils are pens.

Conclusions (I): Some pens are pencils.

Conclusions (II): Some pens are papers.

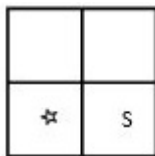
- Ans** ☒ 1. Only conclusion (I) follows.
☒ 2. Only conclusion (II) follows.
☒ 3. Both conclusions (I) and (II) follow.
☒ 4. Neither conclusion (I) nor (II) follows.

Q.19 Identify the figure given in the options which when put in place of ? will logically complete the series.



Ans

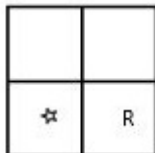
✗ 1.



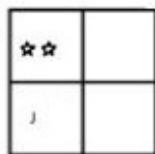
✓ 2.



✗ 3.



✗ 4.



Q.20 In a certain code language, 'will you go' is coded as 'rp zs tu' and 'you come here' is written as 'ar cm tu'. How is 'you' coded in that code language?

Ans ✓ 1. tu

✗ 2. ar

✗ 3. rp

✗ 4. zs

Section : General Awareness

Q.1 Which of the following options correctly matches Column-A with Column-B?

Column-A (Cell organelles)

i. Cell membrane

ii. Smooth Endoplasmic Reticulum

iii. Golgi apparatus

iv. Ribosomes

Column-B (Function)

a. Protein synthesis

b. Important site of formation of glycoproteins and glycolipids

c. Synthesis of lipid

d. Transport of the molecules

Ans ✗ 1. i-c, ii-d, iii-a, iv-b

✓ 2. i-d, ii-c, iii-b, iv-a

✗ 3. i-c, ii-d, iii-b, iv-a

✗ 4. i-c, ii-a, iii-d, iv-b

Q.2 Which virus is responsible for causing AIDS?

Ans ✗ 1. Human papillomavirus (HPV)

✓ 2. Human immunodeficiency virus (HIV)

✗ 3. Influenza virus

✗ 4. Herpes simplex virus (HSV)

Q.3 Panch Mahal, a palace in Fatehpur Sikri, was built by the Mughal Emperor _____.

- Ans**
- ☒ 1. Shah Jahan
 - ☒ 2. Akbar
 - ☒ 3. Jahangir
 - ☒ 4. Babar

Q.4 Consider the following pairs:

	Work	Writer
1	Rajtaringini	Kalhan
2	Gita Govinda	Chandbardai
3	Vikramarjuna - Vijaya	Pampa

Which of the above pairs is/are correctly matched?

- Ans**
- ☒ 1. Only 2
 - ☒ 2. Only 3
 - ☒ 3. Both 1 and 3
 - ☒ 4. Both 1 and 2

Q.5 According to the census of India 2011, which of the following states is least urbanised?

- Ans**
- ☒ 1. Uttar Pradesh
 - ☒ 2. Himachal Pradesh
 - ☒ 3. Chhattisgarh
 - ☒ 4. Bihar

Q.6 The historical novel, 'Train to Pakistan' was written by:

- Ans**
- ☒ 1. Jawaharlal Nehru
 - ☒ 2. Shashi Tharoor
 - ☒ 3. Khushwant Singh
 - ☒ 4. Arundhati Roy

Q.7 The Jhaveri Sisters are known for keeping alive the temple tradition of which of the following classical dances of India?

- Ans**
- ☒ 1. Sattriya
 - ☒ 2. Manipuri
 - ☒ 3. Kathak
 - ☒ 4. Kathakali

Q.8 A hockey ground is rectangular in shape, measuring 91.4 m in length and _____ in width.

- Ans**
- ☒ 1. 55 m
 - ☒ 2. 70 m
 - ☒ 3. 50 m
 - ☒ 4. 60 m

Q.9 Which Bharatanatyam dancer is the recipient of one of India's top civilian award, the Padma Vibhushan 1977?

- Ans**
- ☒ 1. T Balasaraswati
 - ☒ 2. Mallika Sarabhai
 - ☒ 3. Kelucharan Mohapatra
 - ☒ 4. Yamini Krishnamurthy

Q.10 Against which of the following were 'Swadeshi' and 'Boycott' used as the means of protest and struggle, for the first time in India?

- Ans**
- ☒ 1. Jallianwala Bagh massacre
 - ☒ 2. Partition of Bengal
 - ☒ 3. Simon Commission
 - ☒ 4. Rowlatt Act

Q.11	What is the quorum of the Lok Sabha at the time of the Presidential address, which is held at the opening of each session of the Lok Sabha?
Ans	✗ 1. One-fourth ✓ 2. One-tenth ✗ 3. One-twelfth ✗ 4. One-third
Q.12	Which of the following Articles of the Constitution of India emphasises the participation of workers in the management of industries?
Ans	✗ 1. Article 42B ✗ 2. Article 44C ✓ 3. Article 43A ✗ 4. Article 46D
Q.13	Where was the inaugural season of Ultimate Kho-Kho League held in 2022?
Ans	✗ 1. Amravati ✗ 2. Thane ✓ 3. Pune ✗ 4. Bhusawal
Q.14	In May 2023, the Supreme Court interpreted which article related to the governance structure of Delhi, which outlines the principles of federalism, participatory democracy and collective responsibility?
Ans	✓ 1. Article 239AA ✗ 2. Article 226 ✗ 3. Article 323A ✗ 4. Article 243B
Q.15	Emani Sankara Sastry and Doraiswamy Iyengar are both associated with which musical instrument?
Ans	✗ 1. Violin ✗ 2. Flute ✗ 3. Ghatam ✓ 4. Veena
Q.16	As of July 2023, who was the Member of Parliament from the parliamentary constituency of Varanasi?
Ans	✗ 1. Smriti Irani ✗ 2. Rajnath Singh ✓ 3. Narendra Modi ✗ 4. Yogi Adityanath
Q.17	The Indravati National Park is located in which state?
Ans	✗ 1. Tamil Nadu ✗ 2. Rajasthan ✗ 3. Tripura ✓ 4. Chhattisgarh
Q.18	Which of the following best represents the Revenue Deficit?
Ans	✗ 1. Primary Deficit + Fiscal Deficit ✗ 2. Revenue Expenditure + Revenue Receipts ✗ 3. Primary Deficit – Fiscal Deficit ✓ 4. Revenue Expenditure – Revenue Receipts
Q.19	Which dynasty defeated the Kanva dynasty?
Ans	✗ 1. Sakas Dynasty ✗ 2. Kushan Dynasty ✗ 3. Sunga Dynasty ✓ 4. Satavahana Dynasty

Q.20	Which of the following two properties of metals are exploited to prepare very thin sheets of silver to decorate sweets?
Ans	 1. Lustre and sonorous  2. Malleability and lustre  3. Ductility and lustre  4. Malleability and sonorous
Q.21	The navigable portion of Barak River in India is the 121 km stretch between Lakhipur and Bhanga, which was declared as _____ in the year 2016.
Ans	 1. NW-16  2. NW-10  3. NW-5  4. NW-8
Q.22	The National Population Register was created under the provisions of _____ and _____. a. the Citizenship Act, 1965 b. the Citizenship Rules, 2004 c. the Citizenship Act, 1955 d. the Citizenship Rules, 2003
Ans	 1. a; c  2. a; b  3. c; d  4. b; d
Q.23	Nishagandhi festival is celebrated in which of the following states?
Ans	 1. Maharashtra  2. Uttarakhand  3. Kerala  4. Jharkhand
Q.24	The non-metallic mineral mica is used in which of the following industries?
Ans	 1. Cement industry  2. Steel industry  3. Electrical industry  4. Glass industry
Q.25	The Muhammadan Anglo-Oriental College in Aligarh was founded by _____.
Ans	 1. Muzaffar Ahmed  2. Maulana Abul Kalam Azad  3. Sir Syed Ahmed Khan  4. Mohammad Ali Jinnah

Section : **English Language and Comprehension**

Q.1	Select the option that expresses the given sentence in future continuous tense form. Shall I meet you soon?
Ans	 1. Shall I be meeting you soon?  2. Will I be meeting you soon?  3. Will we be meeting soon?  4. Shall I have met you soon?
Q.2	Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. Her team played exceptionally <u>more well</u> in the competition.
Ans	 1. No substitution required  2. more well  3. most well  4. well

Q.3 Select the most appropriate option to substitute the underlined segment in the given sentence.

The company ran about of stock due to unexpectedly high demand for the product.

- Ans**
- ☒ 1. ran on of stock due to
 - ☒ 2. ran out of stock due to
 - ☒ 3. ran around of stock due to
 - ☒ 4. ran across of stock due to

Q.4 Select the option that can be used as a one-word substitute for the given group of words.
The rules of behaviour which guide one in a formal situation

- Ans**
- ☒ 1. Bargain
 - ☒ 2. Affidavit
 - ☒ 3. Protocol
 - ☒ 4. Impropriety

Q.5 Select the most appropriate degree to fill in the blank.

Doctors should never be _____ than others when patients come for their treatment.

- Ans**
- ☒ 1. least caring
 - ☒ 2. more caring
 - ☒ 3. less caring
 - ☒ 4. most caring

Q.6 Select the most appropriate idiom that can substitute the underlined segment.
Despite the difficulties, Sarah started her business with great energy and hard work, and performed remarkably well in the industry.

- Ans**
- ☒ 1. let sleeping dogs lie
 - ☒ 2. hit the ground running
 - ☒ 3. hit the hay
 - ☒ 4. spilled the beans

Q.7 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Cautios
 - ☒ 2. Bashful
 - ☒ 3. Curious
 - ☒ 4. Anxious

Q.8 Select the most appropriate meaning of the underlined word in the given sentence.
Disclaimer on products in the markets saves manufacturer from unusual results on usage.

- Ans**
- ☒ 1. Approval
 - ☒ 2. Clause
 - ☒ 3. Guarantee
 - ☒ 4. Acceptance

Q.9 Select the word that has the same meaning (SYNONYM) as the underlined word in the given sentence.

The doctor made a tentative diagnosis as he did not have the reports of her blood tests.

- Ans**
- ☒ 1. provisional
 - ☒ 2. obsolete
 - ☒ 3. hazardous
 - ☒ 4. tedious

Q.10 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The mother told the child to erase the extra dots from the given graph.

- Ans**
- ☒ 1. Shatter
 - ☒ 2. Create
 - ☒ 3. Efface
 - ☒ 4. Delete

Q.11 Select the most appropriate meaning of the given idiom.

Clear the decks

- Ans**
- ☒ 1. To take something away
 - ☒ 2. Prepare for an event or course of action by dealing with anything that might hinder progress
 - ☒ 3. To remove unnecessary things for further work
 - ☒ 4. To draw something down

Q.12 Select the option that rectifies the underlined spelling error.

The panel submitted the findings to the ministry.

- Ans**
- ☒ 1. submitted
 - ☒ 2. sumitted
 - ☒ 3. submittad
 - ☒ 4. submittd

Q.13 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
She oftenly goes / shopping with / her friends / on Saturdays.

- Ans**
- ☒ 1. her friends
 - ☒ 2. on Saturdays
 - ☒ 3. She oftenly goes
 - ☒ 4. shopping with

Q.14 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

No sooner had she enter her apartment than she found a bouquet of flowers on her table.

- Ans**
- ☒ 1. No sooner has she enter her apartment than
 - ☒ 2. No sooner did she entered her apartment than
 - ☒ 3. No substitution
 - ☒ 4. No sooner did she enter her apartment than

Q.15 Select the most appropriate ANTONYM of the underlined word in the given sentence.
He was appointed as the Manager.

- Ans**
- ☒ 1. Disordered
 - ☒ 2. Disappointed
 - ☒ 3. Assigned
 - ☒ 4. Dismissed

Q.16 The following sentence has been split into four parts. Identify the part that contains a grammatical error.

A student becomes / dearer to the teachers / via participating and actively working / towards the glory of the school.

- Ans**
- ☒ 1. dearer to the teachers
 - ☒ 2. towards the glory of the school.
 - ☒ 3. A student becomes
 - ☒ 4. via participating and actively working

Q.17 Select the most appropriate synonym of the underlined word.
The order will be operational from 1st of November.

- Ans**
- ☒ 1. considered
 - ☒ 2. effective
 - ☒ 3. provoked
 - ☒ 4. scrapped

Q.18 Identify the INCORRECTLY spelt word from the given sentence.
Enthusiasm is one of those vital elements that transforms an individual and his failures into victories and success.

- Ans**
- ☒ 1. Victories
 - ☒ 2. Success
 - ☒ 3. Failures
 - ☒ 4. Individual

Q.19 Select the most appropriate option to fill in the blank.
I have never _____ this kind of pain before surgery.

- Ans**
- ☒ 1. experienced
 - ☐ 2. dedicated
 - ☐ 3. trained
 - ☐ 4. practised

Q.20 Identify the error in the following sentence.
The zoo is under the street from the temple.

- Ans**
- ☒ 1. under
 - ☐ 2. temple
 - ☐ 3. zoo
 - ☐ 4. from

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Indian villages showcase the country's rich culture and customs. Most Indians live in villages, (1)_____ agriculture, modest living and close-knit communities are the norms. Villagers wake up to roosters crowing and farm (2)_____ day. Farming is the main employment, and generations labour (3)_____ the same land. Traditions, communal events and a slower pace (4)_____ village life from metropolitan life. Villagers' togetherness and shared duty make it part of India's identity, (5)_____ the lack of contemporary conveniences.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. when
 - ☐ 2. what
 - ☒ 3. where
 - ☐ 4. which

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Indian villages showcase the country's rich culture and customs. Most Indians live in villages, (1)_____ agriculture, modest living and close-knit communities are the norms. Villagers wake up to roosters crowing and farm (2)_____ day. Farming is the main employment, and generations labour (3)_____ the same land. Traditions, communal events and a slower pace (4)_____ village life from metropolitan life. Villagers' togetherness and shared duty make it part of India's identity, (5)_____ the lack of contemporary conveniences.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☐ 1. after
 - ☒ 2. all
 - ☐ 3. before
 - ☐ 4. towards

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Indian villages showcase the country's rich culture and customs. Most Indians live in villages, (1)_____ agriculture, modest living and close-knit communities are the norms. Villagers wake up to roosters crowing and farm (2)_____ day. Farming is the main employment, and generations labour (3)_____ the same land. Traditions, communal events and a slower pace (4)_____ village life from metropolitan life. Villagers' togetherness and shared duty make it part of India's identity, (5)_____ the lack of contemporary conveniences.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. at
 - ☒ 2. on
 - ☐ 3. in
 - ☐ 4. with

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Indian villages showcase the country's rich culture and customs. Most Indians live in villages, (1)_____ agriculture, modest living and close-knit communities are the norms. Villagers wake up to roosters crowing and farm (2)_____ day. Farming is the main employment, and generations labour (3)_____ the same land. Traditions, communal events and a slower pace (4)_____ village life from metropolitan life. Villagers' togetherness and shared duty make it part of India's identity, (5)_____ the lack of contemporary conveniences.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. distinguish
 - ☐ 2. balance
 - ☐ 3. equate
 - ☐ 4. compare

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Indian villages showcase the country's rich culture and customs. Most Indians live in villages, (1)_____ agriculture, modest living and close-knit communities are the norms. Villagers wake up to roosters crowing and farm (2)_____ day. Farming is the main employment, and generations labour (3)_____ the same land. Traditions, communal events and a slower pace (4)_____ village life from metropolitan life. Villagers' togetherness and shared duty make it part of India's identity, (5)_____ the lack of contemporary conveniences.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. despite
 - ☐ 2. in spite
 - ☐ 3. instead of
 - ☐ 4. beside

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	11/11/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Find the gain percentage, given that Siddhi sold her scooter for ₹28935 gaining $\frac{1}{5}$ th of the selling price.

- Ans
- ☐ 1. 45%
 - ☒ 2. 25%
 - ☐ 3. 30%
 - ☐ 4. 50%

Q.2 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 6% per year rate of interest for 3 years.

- Ans
- ☐ 1. 580
 - ☐ 2. 480
 - ☒ 3. 540
 - ☐ 4. 500

Q.3 A thief saw a policeman from a distance of 300 m and started running. At the same time, the policeman started chasing the thief. If the speed of the thief is 12 km/h and that of the policeman 15 km/h, then the distance (in km) covered by the policeman to catch the thief is:

- Ans
- ☐ 1. 2.5
 - ☐ 2. 1.0
 - ☐ 3. 2.0
 - ☒ 4. 1.5

Q.4 The sum of two numbers is 36, and their HCF and LCM are 3 and 105, respectively. What will be the sum of the squares of these two numbers?

- Ans
- ☒ 1. 666
 - ☐ 2. 325
 - ☐ 3. 740
 - ☐ 4. 596

Q.5 The difference between successive discounts of 25% followed by 12% and 20% followed by 15% on the marked price of a saree is ₹50. The marked price of the saree is:

- Ans
- ☐ 1. ₹5,000
 - ☐ 2. ₹1,250
 - ☒ 3. ₹2,500
 - ☐ 4. ₹625

Q.6 A cylinder has curved surface area equal to area of the flat surfaces of the cylinder. If the diameter of the cylinder is r units, then the total surface area of the cylinder (in square units) will be ____.

- Ans
- ☐ 1. $\frac{\pi r^2}{2}$
 - ☐ 2. $\frac{\pi r^2}{4}$
 - ☐ 3. $2\pi r^2$
 - ☒ 4. πr^2

Q.7 A cylinder has a total surface area of 2112 cm^2 . Find the radius of the cylinder if its curved surface area is $\frac{5}{12}$ of total surface area.

$\left(\text{Use } \pi = \frac{22}{7} \right)$

- Ans**
- ☐ 1. 15 cm
 - ☐ 2. 13 cm
 - ☒ 3. 14 cm
 - ☐ 4. 12 cm

Q.8 There are 20 cricket balls in the showroom. Among these 20 balls, some are yellow and some are white. The average cost of all the balls is ₹75. If the average cost of yellow balls is ₹80 and that of white is ₹60, then the number of yellow balls is:

- Ans**
- ☐ 1. 6
 - ☒ 2. 15
 - ☐ 3. 14
 - ☐ 4. 5

Q.9 A sum of ₹717 becomes ₹874.74 in 5 years at a certain rate of simple interest. If the rate of interest is increased by 3.1%, then what will be the simple interest (in ₹) of ₹717 in 5 years?

- Ans**
- ☐ 1. 201.135
 - ☐ 2. 211.115
 - ☐ 3. 279.125
 - ☒ 4. 268.875

Q.10 Find the total surface area of a cone having base radius 49 cm and slant height 61 cm.

- Ans**
- ☒ 1. $16,940 \text{ cm}^2$
 - ☐ 2. $16,040 \text{ cm}^2$
 - ☐ 3. $15,940 \text{ cm}^2$
 - ☐ 4. $15,900 \text{ cm}^2$

Q.11 The rate of oil is increased by 12% every year. The rate in the next year would be ₹125.44 per litre. What is the difference between the prices (in ₹) per litre of the oil in the last year and this year?

- Ans**
- ☒ 1. 12
 - ☐ 2. 14.5
 - ☐ 3. 15.5
 - ☐ 4. 17.5

Q.12 Find the HCF of 10, 35 and 55.

- Ans**
- ☒ 1. 5
 - ☐ 2. 25
 - ☐ 3. 15
 - ☐ 4. 10

Q.13 The average of 5 consecutive natural numbers is 7. Which is the largest number among these?

- Ans**
- ☐ 1. 8
 - ☐ 2. 10
 - ☐ 3. 7
 - ☒ 4. 9

Q.14 The average of 11 numbers is 17. If the average of the first five numbers is 16 and the average of the last five numbers is 19, then the sixth number is:

- Ans**
- ☐ 1. 15
 - ☐ 2. 17
 - ☐ 3. 14
 - ☒ 4. 12

Q.15 A, B and C start running around a circular track and complete one round in 16, 20 and 28 seconds, respectively. In how much time will they meet again at the starting point?

- Ans**
- ☐ 1. 510 seconds
 - ☒ 2. 560 seconds
 - ☐ 3. 220 seconds
 - ☐ 4. 310 seconds

Q.16 A shirt was sold at a profit of 20%. If both the cost price and the selling price of the shirt were decreased by ₹75, the profit would be 5% more. The original cost price (in ₹) of the shirt was:

- Ans**
- ☒ 1. 375
 - ☐ 2. 450
 - ☐ 3. 400
 - ☐ 4. 325

Q.17 Sohan buys 16 oranges for ₹80 and sells 30 oranges for ₹168. Find the percentage of his profit.

- Ans**
- ☐ 1. 10%
 - ☐ 2. 11%
 - ☒ 3. 12%
 - ☐ 4. 14%

Q.18 The average of 10 numbers is 29. The average of the first 6 numbers is 22 and that of the last 6 numbers is 32. What is the average of the 5th number and the 6th number?

- Ans**
- ☐ 1. 20
 - ☐ 2. 27
 - ☒ 3. 17
 - ☐ 4. 24

Q.19 What sum (in ₹) will earn a simple interest of ₹360 in 3 years at 16% per year rate of interest?

- Ans**
- ☐ 1. 1000
 - ☐ 2. 1500
 - ☒ 3. 750
 - ☐ 4. 375

Q.20 Three friends M, N and R divided an amount of ₹93,775 in the ratio 2 : 4 : 5. How much more money (in ₹) does R have than M?

- Ans**
- ☐ 1. 18,775
 - ☐ 2. 41,560
 - ☒ 3. 25,575
 - ☐ 4. 35,705

Section : Reasoning Ability and Problem Solving

Q.1 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All cars are bus. All buses are truck.

Conclusions:

- (I) Some trucks are cars.
- (II) All cars are trucks.

- Ans**
- ☐ 1. Only Conclusion (I) follows.
 - ☒ 2. Both conclusion (I) and (II) follow.
 - ☐ 3. Only Conclusion (II) follows.
 - ☐ 4. Neither conclusion (I) nor (II) follows.

Q.2 KP 41 is related to OT 82 in a certain way. In the same way, RG 33 is related to VK 66. To which of the following is SN 24 related following the same logic?

- Ans**
- ☒ 1. WR 48
 - ☐ 2. RT 43
 - ☐ 3. SU 54
 - ☐ 4. ST 53

Q.3 In a certain code language, 'SLAM' is coded as '4918' and 'LAME' is coded as '2184'. What is the code for 'S' in the given language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 1
 - ☒ 3. 9
 - ☐ 4. 4

Q.4 Seven friends - L, M, N, O, D, E, and F - are seated around a circular table, facing the centre (but not necessarily in the same order). O is sitting fifth to the right of L. M has F and O as immediate neighbours. N and L are immediate neighbours of E. Who is sitting to the immediate left of D?

- Ans**
- ☐ 1. L
 - ☒ 2. O
 - ☐ 3. M
 - ☐ 4. F

Q.5 What should come in place of the question mark (?) in the given series?

28, 31, 36, 43, 54, ?

- Ans**
- ☒ 1. 67
 - ☐ 2. 65
 - ☐ 3. 64
 - ☐ 4. 66

Q.6 In a certain code language, 'park his vehicle' is written as 'ht fo mr' and 'go to park' is written as 'ty up mr'. How is 'park' written in the given language?

- Ans**
- ☐ 1. ht
 - ☐ 2. up
 - ☐ 3. fo
 - ☒ 4. mr

Q.7 JHMK is related to PNSQ in a certain way based on the English alphabetical order. In the same way, NLQO is related to TRWU. To which of the following is QOTR related, following the same logic?

- Ans**
- ☐ 1. UWZX
 - ☒ 2. WUZX
 - ☐ 3. UWXZ
 - ☐ 4. WUXZ

Q.8 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
HCJ, JGL, LKN, ? , PSR

- Ans**
- ☐ 1. NQP
 - ☐ 2. OOP
 - ☒ 3. NOP
 - ☐ 4. MST

- Q.9** Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g., 13 – Operations on 13 such as adding / subtracting / multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(15, 14, 13)
(12, 10, 8)
- Ans**  1. (15, 15, 15)
 2. (10, 12, 8)
 3. (13, 11, 7)
 4. (11, 22, 12)
-
- Q.10** In a certain code language, 'FROM' is coded as '7519' and 'MADE' is coded as '2146'. What is the code for 'M' in the given code language?
- Ans**  1. 9
 2. 2
 3. 7
 4. 1
-
- Q.11** Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).
- Statements:** All shirts are pants. No shirt is a tie.
Conclusion (I): No pant is a tie.
Conclusion (II): No tie is a shirt.
- Ans**  1. Both conclusions I and II follow
 2. Only conclusion I follows
 3. Neither conclusion I nor II follows
 4. Only conclusion II follows
-
- Q.12** Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).
- Statements:**
All shirts are pants.
Some shirts are watches.
- Conclusions:**
(I) Some pants are watches.
(II) Some watches are not shirts.
- Ans**  1. Only conclusion I follows.
 2. Both conclusions I and II follow.
 3. Only conclusion II follows.
 4. Neither conclusion I nor II follows.
-
- Q.13** DA2 is related to GD10 in a certain way. In the same way, SP7 is related to VS35. To which of the following is JG10 related following the same logic?
- Ans**  1. GF50
 2. MJ70
 3. GF70
 4. MJ50
-
- Q.14** In a code language, 'PORTER' is written as 'RVYALP' and 'REMOTE' is written as 'ELTVAR'. How will 'CLOUDY' be written in the same language?
- Ans**  1. YTVBKC
 2. XTVBKC
 3. YSVBKC
 4. XSVBKC

Q.15 When the signs + and ÷ as well as the numbers 5 and 10 are interchanged, which option will be the correct one?

- Ans**
-  1. $5 \div 1 + 10 = 1$
 -  2. $6 \div 10 + 5 = 6$
 -  3. $5 + 10 \div 2 = 4$
 -  4. $3 + 5 \div 10 = 2$

Q.16 Which two numbers should be interchanged to make the following equation correct?

$$(54 \div 18) \times 5 + 9 \times 2 - 45 + 12 \times 3 = 57$$

(Note: Interchange should be done of the entire number and not individual digits of a given number.)

- Ans**
-  1. 9 and 12
 -  2. 2 and 5
 -  3. 5 and 3
 -  4. 18 and 9

Q.17 Select the number from among the given options that can replace the question mark (?) in the following series.
7, 16, 34, 70, 142, ?

- Ans**
-  1. 288
 -  2. 369
 -  3. 286
 -  4. 311

Q.18 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(11, 25, 14)
(21, 85, 64)

- Ans**
-  1. (2, 11, 7)
 -  2. (12, 17, 9)
 -  3. (5, 7, 4)
 -  4. (15, 23, 8)

Q.19 4 is related to 34 following a certain logic. Following the same logic, 7 is related to 61. To which of the following is 11 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
-  1. 88
 -  2. 99
 -  3. 98
 -  4. 97

Q.20 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). E sits second to the right of A. B sits fourth to the right of D. F is an immediate neighbour of E and G. Who sits third to the right of C?

- Ans**
-  1. G
 -  2. D
 -  3. F
 -  4. E

Section : **General Awareness**

Q.1	Which of the following was the capital of Vatsa Mahajanapada?
Ans	☒ 1. Kausambi ☐ 2. Vaishali ☐ 3. Ahichchatra ☐ 4. Ujjayini
Q.2	In june 2023, which state government among the following has announced the 'Shakti' scheme for free bus travel for women and trans people within the state?
Ans	☐ 1. Telangana ☐ 2. Kerala ☒ 3. Karnataka ☐ 4. Tamil Nadu
Q.3	Drains exiting from Mohenjo-Daro had _____ doors that were probably closed at night to prevent vagrants or negative elements from entering the city through that access.
Ans	☐ 1. mud ☒ 2. wooden ☐ 3. sandstone ☐ 4. iron
Q.4	Where was the Hindustan Socialist Republican Association established in the year 1928?
Ans	☒ 1. Delhi ☐ 2. Lahore ☐ 3. Kanpur ☐ 4. Agra
Q.5	Who among the following received the Nritya Kalanidhi for the year 2022?
Ans	☐ 1. Kalyanasundaram Pillai ☒ 2. Bragha Bessell ☐ 3. Chitra Visweswaran ☐ 4. Geeta Chandran
Q.6	Which of the following is NOT a commercial bank?
Ans	☒ 1. National Bank for Agriculture and Rural Development ☐ 2. Development Bank of Singapore ☐ 3. The Industrial Credit and Investment Corporation of India Bank ☐ 4. State Bank of India
Q.7	In which weight category did Nitu Ghanghas win the IBA Women's World Boxing Championship event, 2023?
Ans	☐ 1. 75 kg ☐ 2. 50 kg ☐ 3. 81 kg ☒ 4. 48 kg
Q.8	Former Indian actress Vyjayanthimala was trained in which classical dance form?
Ans	☐ 1. Sattriya ☐ 2. Odissi ☒ 3. Bharatanatyam ☐ 4. Manipuri
Q.9	Vitamin D is synthesised using sunshine, by the:
Ans	☐ 1. mouth ☒ 2. skin ☐ 3. blood veins ☐ 4. leg

Q.10	Bhamidipati Srivalli Rashmika is associated with which game?
Ans	 1. Kho-Kho  2. Badminton  3. Football  4. Lawn Tennis
Q.11	What is the title of Sania Mirza's autobiography?
Ans	 1. Wings of Fire  2. Ace Against Odds  3. The Test of My Life  4. Changing India
Q.12	The institution like Lokpal or Lokayukta (Ombudsman) was first created in which of the following countries?
Ans	 1. Britain  2. New Zealand  3. Norway  4. Sweden
Q.13	According to the Human Development Index 2023-24, what is the rank of India?
Ans	 1. 134  2. 132  3. 129  4. 130
Q.14	In which of the following years was a Hindu College in Benaras established to impart education from the ancient Sanskrit texts?
Ans	 1. 1791  2. 1790  3. 1801  4. 1794
Q.15	Which structure within the nucleus contains genetic information in the form of DNA?
Ans	 1. Ribosome  2. Chromosome  3. Vacuole  4. Nucleolus
Q.16	Which of the following is the first planned industrial city in India?
Ans	 1. Indore  2. Chandigarh  3. Navi Mumbai  4. Jamshedpur
Q.17	Which festival is celebrated at Sabarimala temple, on the occassion of Makar Sakranti?
Ans	 1. Ugadi  2. Makaravilakku  3. Vishu  4. Onam
Q.18	In which year was Pt. Deen Dayal Upadhyaya Grameen Kaushalya Yojana (Scheme) announced by the Government of India?
Ans	 1. 2012  2. 2013  3. 2010  4. 2014

Q.19 In 2017, who became the first Indian singer to make it to Delhi's Madame Tussauds Museum?

- Ans**
- ☒ 1. Shreya Ghoshal
 - ☐ 2. Sunidhi Chauhan
 - ☐ 3. Kavita Krishnamurthy
 - ☐ 4. Alisha Chinai

Q.20 Who among the following was the first sultan of Delhi Sultanate to visit the Ajmer shrine of Khwaja Muinuddin Chishti?

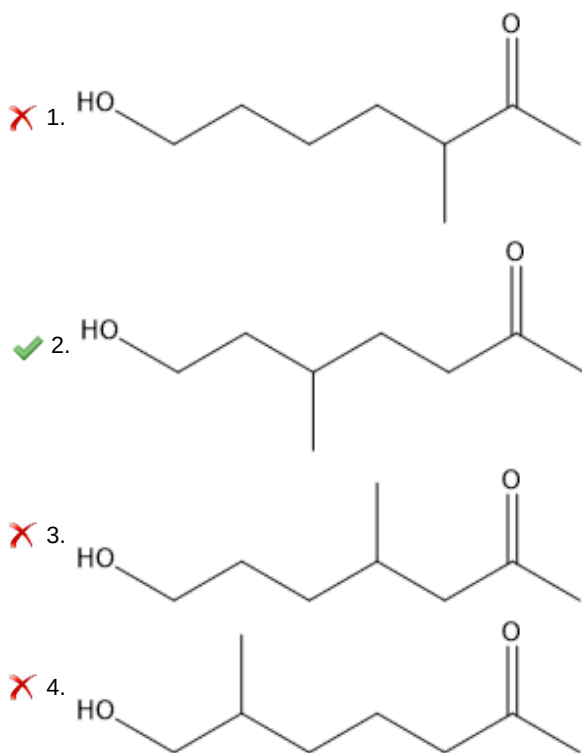
- Ans**
- ☐ 1. Ghiyasuddin Balban
 - ☒ 2. Muhammad bin Tughlaq
 - ☐ 3. Jalaluddin Khalji
 - ☐ 4. Khizr Khan

Q.21 In Kerala and coastal area of Karnataka the pre-monsoon shower is known as _____.

- Ans**
- ☐ 1. Kalbaisakhi
 - ☐ 2. Bardoisila
 - ☒ 3. Mango shower
 - ☐ 4. Blossom shower

Q.22 Which of the following structures has the IUPAC name 7-hydroxy-5-methylheptan-2-one?

Ans



Q.23 As on 31st October 2023, the youngest member of parliament (in terms of age) in the 17th Lok Sabha, Chandrani Murmu, represents which political party?

- Ans**
- ☐ 1. Bharatiya Janata Party
 - ☐ 2. Aam Admi Party
 - ☒ 3. Biju Janata Dal
 - ☐ 4. Indian National Congress

Q.24 Plutonic rocks are formed when lava cools _____.

- Ans**
- ☐ 1. in the core
 - ☐ 2. at the surface
 - ☐ 3. in the asthenosphere
 - ☒ 4. in the crust

Q.25 According to Article _____, no religious instruction shall be provided in any educational institution wholly maintained out of State funds.

- Ans**
- ☒ 1. 29
 - ☒ 2. 28
 - ☒ 3. 30
 - ☒ 4. 27

Section : **English Language and Comprehension**

Q.1 Select the most appropriate synonym of the given word.

Insist

- Ans**
- ☒ 1. Rebut
 - ☒ 2. Urge
 - ☒ 3. Wage
 - ☒ 4. Barge

Q.2 Select the most appropriate ANTONYM of the given word.

Boisterous

- Ans**
- ☒ 1. Noisy
 - ☒ 2. Quiet
 - ☒ 3. Bossy
 - ☒ 4. Cheerful

Q.3 Select the most appropriate synonym of the underlined word.

Army officers are given training to decipher the secret messages sent during war time.

- Ans**
- ☒ 1. Decide
 - ☒ 2. Defy
 - ☒ 3. Decode
 - ☒ 4. Encode

Q.4 Select the most appropriate option that can substitute the underlined words in the given sentence.

We rely on Hiren because he is most intelligent than many other boys in our school quiz team.

- Ans**
- ☒ 1. more intelligent
 - ☒ 2. less intelligent
 - ☒ 3. least intelligent
 - ☒ 4. only intelligent

Q.5 Select the correctly spelt word to fill in the blank.

Macbeth believed the witches' _____ about his future.

- Ans**
- ☒ 1. tyranny
 - ☒ 2. questionnaire
 - ☒ 3. suprise
 - ☒ 4. prophecy

Q.6 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The Lal Chowk is a large open square surrounded by mansions of the wealthiest classes than educated ones.

- Ans**
- ☒ 1. the wealthy
 - ☒ 2. wealthy
 - ☒ 3. wealthier
 - ☒ 4. more wealthier

Q.7 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. sanguinity
 - ☒ 2. succluent
 - ☒ 3. subterfuge
 - ☒ 4. sufficient

Q.8 Select the most appropriate option to fill in the blank.

The teacher _____ the students to think critically about the topic.

- Ans**
- ☒ 1. advised
 - ☒ 2. admonished
 - ☒ 3. acquiesced
 - ☒ 4. assented

Q.9 Select the appropriate option that can substitute the underlined word in the following sentence to make it grammatically correct.

She is the most active and the more energetic social worker in our team.

- Ans**
- ☒ 1. most
 - ☒ 2. the most
 - ☒ 3. very
 - ☒ 4. the much

Q.10 Select the most appropriate idiom for the highlighted text in the given sentence.

The company was rapidly deteriorating when the chairman and some top officials were accused of fraud.

- Ans**
- ☒ 1. head over heels
 - ☒ 2. hell in a handbasket
 - ☒ 3. hitting the sack
 - ☒ 4. holding your horses

Q.11 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
She often goes for a walk / with her dog / in the night.

- Ans**
- ☒ 1. in the night
 - ☒ 2. No error
 - ☒ 3. She often goes for a walk
 - ☒ 4. with her dog

Q.12 Select the most appropriate synonym of the given word.
Excessive

- Ans**
- ☒ 1. Cute
 - ☒ 2. Exorbitant
 - ☒ 3. Dirty
 - ☒ 4. Scarce

Q.13 Select the most appropriate ANTONYM of the underlined word.

The strongest suit of documentary theatre lies not only in political insight and ignorance, but also in the variety of aesthetic approaches it makes possible.

- Ans**
- ☒ 1. Acumen
 - ☒ 2. Discrimination
 - ☒ 3. Mistake
 - ☒ 4. Perspicuity

Q.14 The following sentence has been split into four segments. Identify the segment that contains a grammatical/spelling error.

She has taken / nothing from yesterday / and is feeling / nauseatic now.

- Ans**
- ☒ 1. She has taken
 - ☒ 2. and is feeling
 - ☒ 3. nothing from yesterday
 - ☒ 4. nauseatic now

Q.15 Select the option that has used the correct tense.

- Ans**
- ☒ 1. He realised he had forgotten his keys after he had leave the house.
 - ☒ 2. He realised he had forgotten his keys after he was left the house.
 - ☒ 3. He realised he had forgotten his keys after he had left the house.
 - ☒ 4. He realised he had forgotten his keys after he has leave the house.

Q.16 Select the correctly spelled sentence.

- Ans**
- ☒ 1. The gardner planted colorful flowers in the gardin.
 - ☒ 2. The gardener planted colourful flowers in the garden.
 - ☒ 3. The gardner planted colorfull flowers in the garden.
 - ☒ 4. The gardener planted colourfull flowers in the gardin.

Q.17 Select the option that can be used as a one-word substitute for the highlighted group of words in the given sentence.

There is an increasing number of people who do not believe in the existence of God.

- Ans**
- ☒ 1. cynics
 - ☒ 2. fugitives
 - ☒ 3. atheists
 - ☒ 4. seers

Q.18 Select the most appropriate option to fill in the blank and complete the given phrase.

She was on cloud _____ after receiving the scholarship.

- Ans**
- ☒ 1. eight
 - ☒ 2. ten
 - ☒ 3. seven
 - ☒ 4. nine

Q.19 Select the word segment that can substitute the bracketed words correctly and complete the sentence meaningfully.
(My husband and I) are from Varanasi.

- Ans**
- ☒ 1. Either of us
 - ☒ 2. Both of us
 - ☒ 3. Each one of us
 - ☒ 4. Everyone of us

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

This was not only exciting but rewarding because I was able to experience adventure for the first time in my life.

- Ans**
- ☒ 1. This was not only excited but also rewarding
 - ☒ 2. This was not only exciting but also rewarding
 - ☒ 3. No substitution
 - ☒ 4. This was not only exciting but also rewarded

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As 2023 closes as the warmest year on (1) _____, there is growing global concern about the rise of extreme weather (2) _____ such as floods, droughts and heatwaves. The atmosphere and oceans are warming due to increasing (3) _____ of greenhouse gases, largely caused by burning fossil fuels. This has led to a greater risk of (4) _____ rainfall and flooding. For every 1°C rise in average global temperature, the atmosphere can hold an extra 7% water vapour. When the right atmospheric 'triggers' are in place, this extra water vapour is (5) _____ as intense rainfall.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. blankness
 - ☒ 2. erasure
 - ☒ 3. absence
 - ☒ 4. record

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As 2023 closes as the warmest year on (1) _____, there is growing global concern about the rise of extreme weather (2) _____ such as floods, droughts and heatwaves. The atmosphere and oceans are warming due to increasing (3) _____ of greenhouse gases, largely caused by burning fossil fuels. This has led to a greater risk of (4) _____ rainfall and flooding. For every 1°C rise in average global temperature, the atmosphere can hold an extra 7% water vapour. When the right atmospheric 'triggers' are in place, this extra water vapour is (5) _____ as intense rainfall.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. events
 - ☒ 2. inertness
 - ☒ 3. idleness
 - ☒ 4. quietude

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As 2023 closes as the warmest year on (1) _____, there is growing global concern about the rise of extreme weather (2) _____ such as floods, droughts and heatwaves. The atmosphere and oceans are warming due to increasing (3) _____ of greenhouse gases, largely caused by burning fossil fuels. This has led to a greater risk of (4) _____ rainfall and flooding. For every 1°C rise in average global temperature, the atmosphere can hold an extra 7% water vapour. When the right atmospheric 'triggers' are in place, this extra water vapour is (5) _____ as intense rainfall.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. collections
 - ☒ 2. immersions
 - ☒ 3. retentions
 - ☒ 4. emissions

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As 2023 closes as the warmest year on (1) _____, there is growing global concern about the rise of extreme weather (2) _____ such as floods, droughts and heatwaves. The atmosphere and oceans are warming due to increasing (3) _____ of greenhouse gases, largely caused by burning fossil fuels. This has led to a greater risk of (4) _____ rainfall and flooding. For every 1°C rise in average global temperature, the atmosphere can hold an extra 7% water vapour. When the right atmospheric 'triggers' are in place, this extra water vapour is (5) _____ as intense rainfall.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. extreme
 - ☐ 2. average
 - ☐ 3. gentle
 - ☐ 4. moderate

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

As 2023 closes as the warmest year on (1) _____, there is growing global concern about the rise of extreme weather (2) _____ such as floods, droughts and heatwaves. The atmosphere and oceans are warming due to increasing (3) _____ of greenhouse gases, largely caused by burning fossil fuels. This has led to a greater risk of (4) _____ rainfall and flooding. For every 1°C rise in average global temperature, the atmosphere can hold an extra 7% water vapour. When the right atmospheric 'triggers' are in place, this extra water vapour is (5) _____ as intense rainfall.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☐ 1. confiscated
 - ☐ 2. ensnared
 - ☐ 3. detained
 - ☒ 4. released

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	11/11/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The sum of the radii of spheres A and B is 14 cm, the radius of A being larger than that of B. The difference between their surface areas is $112\pi\text{ cm}^2$. What is the ratio of the volumes of B to A?

- Ans
- ☐ 1. 64 : 25
 - ☒ 2. 27 : 64
 - ☐ 3. 64 : 27
 - ☐ 4. 25 : 64

Q.2 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 69 kg and 36 kg is:

- Ans
- ☒ 1. 50
 - ☐ 2. 51
 - ☐ 3. 52
 - ☐ 4. 49

Q.3 ₹7,000 becomes ₹7,567 in 2 years at simple interest at a certain rate percentage. Find the principal amount (in ₹) that will become ₹24,050 in 5 years at the same rate of interest.

- Ans
- ☐ 1. 24,000
 - ☐ 2. 12,500
 - ☒ 3. 20,000
 - ☐ 4. 18,300

Q.4 In a class of 40 students the ratio of boys to girls is 3 : 5. If the average marks scored by the boys in Science is 70 and the average marks scored by the whole class in Science is 60, then find the average marks scored by the girls in Science.

- Ans
- ☐ 1. 50
 - ☒ 2. 54
 - ☐ 3. 52
 - ☐ 4. 56

Q.5 Rajesh sold an article at 15.5% loss. If he had sold the article for ₹2,465 more, he would have gained 13.5%. Find the cost price of the article.

- Ans
- ☒ 1. ₹8,500
 - ☐ 2. ₹8,050
 - ☐ 3. ₹5,080
 - ☐ 4. ₹5,800

Q.6 The ratio of the radius of the base and the perpendicular height of a right circular cone is given as 3 : 4 and the curved surface area of the cone is given as 2310 cm^2 .

Find the radius (in cm) of the base of the given cone. (Use $\pi = \frac{22}{7}$.)

- Ans
- ☐ 1. 35
 - ☐ 2. 24
 - ☒ 3. 21
 - ☐ 4. 28

Q.7 Rahul and Rohit start running on a circular track (of length 360 m) from the same point simultaneously with a speed of 3 m/s and 4 m/s. After how much time from the start, they will meet again at the starting point?

- Ans**
- ☐ 1. 12 minutes
 - ☐ 2. 2 minutes
 - ☒ 3. 6 minutes
 - ☐ 4. 3 minutes

Q.8 The speeds of three trains are in the ratio 5 : 3 : 7. What is the ratio of the time taken by them to travel the same distance?

- Ans**
- ☐ 1. $\frac{1}{8} : \frac{1}{5} : \frac{1}{9}$
 - ☐ 2. $\frac{1}{4} : \frac{1}{2} : \frac{1}{7}$
 - ☒ 3. $\frac{1}{5} : \frac{1}{3} : \frac{1}{7}$
 - ☐ 4. $\frac{1}{6} : \frac{1}{5} : \frac{1}{3}$

Q.9 C.P. of 21 books is equal to S.P. of 20 books. What is the gain percentage?

- Ans**
- ☐ 1. 10%
 - ☐ 2. 6%
 - ☐ 3. 4%
 - ☒ 4. 5%

Q.10 If the height of a triangle is 45 cm and base is 70 cm, then the area of the triangle is:

- Ans**
- ☐ 1. 3150 cm^2
 - ☒ 2. 1575 cm^2
 - ☐ 3. 3200 cm^2
 - ☐ 4. 4000 cm^2

Q.11 Manoj buys 1 kg tomato for ₹80 and sells it for ₹90. He also uses a weight of 800 gm in place of 1 kg. What is Manoj's actual profit percentage on the sale of 1 kg tomato?

- Ans**
- ☐ 1. 12.5%
 - ☐ 2. 37.5%
 - ☐ 3. 25%
 - ☒ 4. 40.625%

Q.12 In a stationary shop, a pen is marked as ₹80 and it is sold at a discount of 15%. The shopkeeper also offers a special discount of ₹8 on the pen. Find the cost price of the pen if the shopkeeper earns a profit of 20%.

- Ans**
- ☒ 1. ₹50
 - ☐ 2. ₹60
 - ☐ 3. ₹62
 - ☐ 4. ₹75

Q.13 I walk at a speed of 10 km/h and reach my destination in 2 hrs. If I increase my speed by 2 km/h, how early would I reach my destination?

- Ans**
- ☐ 1. 100 min
 - ☐ 2. 50 min
 - ☒ 3. 20 min
 - ☐ 4. 40 min

Q.14 Out of his monthly income, Mr. Sharma spends 24% on house rent and 70% on household expenses and saves the balance. If every month, he saves ₹1,200, then what is his monthly income?

- Ans**
- ☐ 1. ₹27,000
 - ☒ 2. ₹20,000
 - ☐ 3. ₹32,000
 - ☐ 4. ₹25,000

Q.15 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 3% per year rate of interest for 3 years.

- Ans**
- ☐ 1. 355
 - ☒ 2. 315
 - ☐ 3. 275
 - ☐ 4. 255

Q.16 The average marks obtained by 75 students in a certain examination is 38. Find the total marks.

- Ans**
- ☐ 1. 113
 - ☒ 2. 2850
 - ☐ 3. 4294
 - ☐ 4. 1406

Q.17 In an examination, the average marks obtained by 15 students was 96, by 12 other students was 84 and by 13 other students was 68. Find the average marks of all 40 students.

- Ans**
- ☐ 1. 68.5
 - ☒ 2. 83.3
 - ☐ 3. 78.6
 - ☐ 4. 87.6

Q.18 The HCF of 204 and 1547 is:

- Ans**
- ☐ 1. 15
 - ☐ 2. 19
 - ☐ 3. 18
 - ☒ 4. 17

Q.19 The value of $\left[1\frac{1}{2} \div \left\{2\frac{1}{5} - \frac{1}{5}\left(1\frac{1}{2} - \frac{1}{3} - \frac{1}{4}\right)\right\}\right] \div \left(\frac{1}{11} \text{ of } 1\frac{4}{11}\right)$ is:

- Ans**
- ☒ 1. 6
 - ☐ 2. 2
 - ☐ 3. 3
 - ☐ 4. 4

Q.20 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 5% per year rate of interest for 2 years.

- Ans**
- ☒ 1. 250
 - ☐ 2. 190
 - ☐ 3. 290
 - ☐ 4. 210

Section : Reasoning Ability and Problem Solving

Q.1 In a certain code language, 'MINT' is coded as '5289' and 'TIME' is coded as '9758'. What is the code for 'N' in the given code language?

- Ans**
- ☐ 1. 9
 - ☒ 2. 2
 - ☐ 3. 8
 - ☐ 4. 7

Q.2 This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.
Statements:
All apricots are buns.
All buns are sweet.
Conclusions
(I) Some apricots are sweet.
(II) Some buns are apricots.

Ans  1. Only conclusion (II) follows
 2. Only conclusion (I) follows
 3. Neither conclusion (I) nor (II) follows
 4. Both conclusions (I) and (II) follow

Q.3 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(7, 3, 63)
(9, 5, 225)
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans  1. (5, 6, 180)
 2. (11, 4, 166)
 3. (4, 9, 314)
 4. (7, 5, 165)

Q.4 KRAV is related to GNWR in a certain way based on the English alphabetical order. In the same way, UBKF is related to QXGB. To which of the following is IPYT related, following the same logic?

Ans  1. ELPU
 2. ELUP
 3. LUPE
 4. PELU

Q.5 12 is related to 139 following a certain logic. Following the same logic, 17 is related to 284. To which of the following is 18 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

Ans  1. 319
 2. 312
 3. 309
 4. 324

Q.6 What should come in place of the question mark (?) in the given series based on the English alphabetical order ?
CEH, FHK, IKN, LNQ, ?

Ans  1. MOP
 2. PRU
 3. NPS
 4. OQT

Q.7 In a certain code language, 'EVIL' is coded as '5731' and 'BEAD' is coded as '4816'. What is the code for 'E' in the given code language?

Ans  1. 1
 2. 8
 3. 5
 4. 3

Q.8 Adesh, Rinki, Narendra, Priya, Kiara, Sahil, and Lakshmi are sitting around a circular table, facing the centre (but not necessarily in the same order).
Kiara sits third to the left of Sahil. Rinki sits to the immediate right of Priya, who sits with Sahil. Adesh sits second to the right of Lakshmi.
Who is sitting to the immediate left of Adesh?

Ans  1. Sahil
 2. Rinki
 3. Narendra
 4. Kiara

Q.9 FH 61 is related to JL 69 in a certain way. In the same way, QS 76 is related to UW 84. To which of the following is LN 46 related, following the same logic?

Ans  1. PR 54
 2. HU 52
 3. CG 51
 4. NK 56

Q.10 In a certain code language, 'GOAT' is coded as '2684' and 'OPEN' is coded as '3598'.What is the code for 'O' in the given code language?

Ans  1. 8
 2. 3
 3. 5
 4. 6

Q.11 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $111 - 1 + 36 \div 2 \times 12 = ?$

Ans  1. 160
 2. 106
 3. 144
 4. 120

Q.12 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).
Statements: Some greens are red. All reds are yellow.
Conclusions:
(I) All yellows are greens.
(II) All reds are green.

Ans  1. Only conclusion (II) follows.
 2. Only conclusion (I) follows.
 3. Both conclusion (I) and (II) follow.
 4. Neither conclusion (I) nor (II) follows.

Q.13 What should come in place of the question mark (?) in the given series?
81, 102, 133, ?, 225, 286

Ans  1. 194
 2. 184
 3. 164
 4. 174

Q.14 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(6, 24, 36)

(8, 11, 25)

Ans  1. (15, 23, 34)

 2. (2, 14, 20)

 3. (5, 19, 30)

 4. (18, 2, 47)

Q.15 What should come in place of the question mark (?) in the following series?

12, 18, 36, 90, 252, ?

Ans  1. 789

 2. 876

 3. 800

 4. 738

Q.16 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$15 \div 15 - 30 + 225 \times 25 = ?$

Ans  1. 246

 2. 236

 3. 426

 4. 146

Q.17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some parks are gardens.

Some gardens are museums.

Conclusions:

(I) Some parks are museums.

(II) All gardens are parks.

Ans  1. Both conclusions I and II follow.

 2. Only conclusion II follows.

 3. Only conclusion I follows.

 4. Neither conclusion I nor II follows.

Q.18 Seven friends - M, N, O, P, Q, R, and S - are sitting around a circular table, facing the centre (but not necessarily in the same order). O is sitting third to the right of S. N is sitting second to the right of O. Q is an immediate neighbour of both M and S. P is an immediate neighbour of both O and N. Who is sitting to the immediate right of R?

Ans  1. O

 2. S

 3. N

 4. M

Q.19 RNYO is related to QOXP in a certain way based on the English alphabetical order. In the same way, UPLV is related to TQKW. To which of the following is QG XK related, following the same logic?

Ans  1. OHXL

 2. QHWM

 3. PJWK

 4. PHWL

Q.20 In a certain code language, 'FEEDING' is coded as 'ECBDJPJ' and 'SURFACE' is coded as 'RSOFBEH'. How will 'MIGRATE' be coded in the same language?

- Ans**
- ☐ 1. LGERBVG
 - ☐ 2. LHDRBUH
 - ☒ 3. LGDRBVH
 - ☐ 4. LGCRCUI

Section : **General Awareness**

Q.1 Which of the following is the federal feature of the Indian Constitution?

- Ans**
- ☒ 1. Bicameralism
 - ☐ 2. All India Service
 - ☐ 3. Single Citizenship
 - ☐ 4. Integrated Judiciary

Q.2 The autobiography, 'An Autobiography' by Jawaharlal Nehru is also known as _____.

- Ans**
- ☐ 1. The Accidental Prime Minister
 - ☐ 2. The Unfinished Innings
 - ☐ 3. My Idea of Education
 - ☒ 4. Toward Freedom

Q.3 What is the female literacy rate in India, as per the 2011 census?

- Ans**
- ☐ 1. 66.44%
 - ☒ 2. 65.46%
 - ☐ 3. 64.66%
 - ☐ 4. 65.64%

Q.4 The Mayurbhanj District in Odisha is a part of which Biosphere Reserve from the following?

- Ans**
- ☐ 1. Nokrek
 - ☐ 2. Pachmarhi
 - ☒ 3. Similipal
 - ☐ 4. Dehang Debang

Q.5 The Great Granary was one of the largest granaries in the _____.

- Ans**
- ☐ 1. Mayan Civilization
 - ☒ 2. Harappan Civilization
 - ☐ 3. Mesopotamian Civilization
 - ☐ 4. Egyptian Civilization

Q.6 In which of the following states is the groundnut fair, 'Kadalekayi Parishe' celebrated on the last Monday of the Karthika month of the Hindu calendar?

- Ans**
- ☒ 1. Karnataka
 - ☐ 2. Kerala
 - ☐ 3. Tamil Nadu
 - ☐ 4. Madhya Pradesh

Q.7 Dandiya Raas is a famous dance form of which state?

- Ans**
- ☐ 1. Chhattisgarh
 - ☐ 2. Punjab
 - ☐ 3. Uttar Pradesh
 - ☒ 4. Gujarat

Q.8 Forward Bloc was founded in 1939-40 by which of the following leaders?

- Ans**
-  1. Rash Behari Bose
 -  2. Subhash Chandra Bose
 -  3. Jawahar Lal Nehru
 -  4. Chittaranjan Das

Q.9 Which of the following neighbouring countries of India is most populous?

- Ans**
-  1. Bhutan
 -  2. Afghanistan
 -  3. Pakistan
 -  4. Bangladesh

Q.10 The earthquakes that are generated due to the explosion of chemical or nuclear devices are known as:

- Ans**
-  1. Collapse earthquakes
 -  2. Explosion earthquakes
 -  3. Tectonic earthquakes
 -  4. Reservoir-induced earthquakes

Q.11 Who among the following athletes was conferred with the Arjuna Award, 2021 by President Ram Nath Kovind?

- Ans**
-  1. Tajinder Pal Singh Toor
 -  2. Arpinder Singh
 -  3. Swapna Barman
 -  4. Dutee Chand

Q.12 As per Ministry of Road Transport and Highways, what is the total length of National Highways in India as of November 2022?

- Ans**
-  1. 1,85,633 kilometres
 -  2. 1,45,897 kilometres
 -  3. 1,44,634 kilometres
 -  4. 1,86,908 kilometres

Q.13 Who among the following was the founder of 'Satnami movement' in the central India?

- Ans**
-  1. Narayan Guru
 -  2. Saint Haridas
 -  3. Jyoti Rao Phule
 -  4. Ghasidas

Q.14 What does a budget deficit indicate?

- Ans**
-  1. Government spending exceeds government revenue
 -  2. The government is not allocating enough funds for public services
 -  3. Government revenue exceeds government spending
 -  4. The government is saving for future projects

Q.15 In the year 1940, the national games were hosted by which of the following cities?

- Ans**
-  1. Patiala
 -  2. Lahore
 -  3. Lucknow
 -  4. Bombay

Q.16 When a sailor jumps out of a rowing boat, the boat moves backwards. This represents:

- Ans**
-  1. the First law of motion
 -  2. the Third law of motion
 -  3. rectilinear motion
 -  4. the Second law of motion

Q.17	Who among the following Indian dancers was honoured with the Padma Vibhushan in 1971, who was also known as the father of modern Indian dance?
Ans	☒ 1. Uday Shankar ☐ 2. Pandit Birju Maharaj ☐ 3. Pandit Durga Lal ☐ 4. Kelucharan
Q.18	As on February 2024, Nitish Kumar is the 9 th time Chief Minister of which state?
Ans	☐ 1. Odisha ☐ 2. Chattisgarh ☐ 3. Jharkhand ☒ 4. Bihar
Q.19	In December 2023, who became the first women Chief of Central Industrial Security Force (CISF) in India?
Ans	☐ 1. Rashmi Shukla ☐ 2. Archana Ramasundaram ☐ 3. Vimla Mehra ☒ 4. Nina Singh
Q.20	Palkigundu Minor Rock Edicts of Ashoka are located in _____.
Ans	☐ 1. Tamil Nadu ☐ 2. Telangana ☐ 3. Maharashtra ☒ 4. Karnataka
Q.21	When the body is deprived of energy from food, which of the following tissues is used to feed on its own?
Ans	☐ 1. Epithelial tissue ☒ 2. Adipose tissue ☐ 3. Collenchyma tissue ☐ 4. Nervous tissue
Q.22	In which of the following years was the state of Golconda finally annexed into the Mughal empire?
Ans	☒ 1. 1687 ☐ 2. 1690 ☐ 3. 1685 ☐ 4. 1697
Q.23	Which of the following gases is generally used to flush bags of chips by the manufacturers?
Ans	☐ 1. Oxygen ☐ 2. Carbon dioxide ☐ 3. Compressed air ☒ 4. Nitrogen
Q.24	In the 1974 edition of the Guinness Book of Records, which playback singer was mentioned as the most recorded artist in human history?
Ans	☒ 1. Lata Mangeshkar ☐ 2. Alka Yagnik ☐ 3. KS Chithra ☐ 4. Pulapaka Susheela
Q.25	Which of the following is/are the highest judiciary in India?
Ans	☐ 1. High Courts ☐ 2. District Courts ☐ 3. Parliament ☒ 4. Supreme Court

Q.1 Select the most appropriate ANTONYM of the word in brackets to fill in the blank.
The mountain peak offers a breathtaking view, a striking contrast to the _____ (peculiar) scenery below.

- Ans**
- ☒ 1. odd
 - ☒ 2. beautiful
 - ☒ 3. ordinary
 - ☒ 4. abnormal

Q.2 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options.
Select the correct alternative.
They had a least celebration on her birthday.

- Ans**
- ☒ 1. lesser
 - ☒ 2. less
 - ☒ 3. little
 - ☒ 4. most less

Q.3 Select the most appropriate option to substitute the underlined segment in the given sentence.

Ramgopal is having a very big house in Mumbai.

- Ans**
- ☒ 1. having
 - ☒ 2. were having
 - ☒ 3. have
 - ☒ 4. has

Q.4 Based on the context of the given sentence, select the most appropriate idiom to fill in the blank.

Siri was feeling _____ after receiving praise from her professor for completing the project ahead of schedule.

- Ans**
- ☒ 1. in the same boat
 - ☒ 2. in the dark
 - ☒ 3. under the weather
 - ☒ 4. on top of the world

Q.5 Select the most appropriate synonym of the underlined word in the given sentence.
A lot of social work is hindered due to corrupt politicians.

- Ans**
- ☒ 1. Obstructed
 - ☒ 2. Helped
 - ☒ 3. Collided
 - ☒ 4. Abided

Q.6 Change the following sentence into positive degree.

The dog is the most faithful animal.

- Ans**
- ☒ 1. The dog is the only faithful animal.
 - ☒ 2. No other animal is as faithful as the dog.
 - ☒ 3. The dog is more useful than any other animal.
 - ☒ 4. The dog is the faithful animal.

Q.7 Select the most appropriate article to fill in the blank. Select 'no article' if no article is required.
The doctor asked the patient to have _____ MRI scan of his brain.

- Ans**
- ☒ 1. no article
 - ☒ 2. the
 - ☒ 3. an
 - ☒ 4. a

Q.8 Select the most appropriate synonym of the given word.
Regal

- Ans**
- ☒ 1. Ordinary
 - ☒ 2. Modest
 - ☒ 3. Majestic
 - ☒ 4. Humble

Q.9 Parts of the following sentence have been given as options. Select the option that contains an error.

My sister is allergic with peanuts, so be cautious when preparing her meal.

- Ans**
- ☒ 1. so be cautious
 - ☒ 2. My sister is
 - ☒ 3. allergic with peanuts
 - ☒ 4. when preparing her meal.

Q.10 Select the most appropriate ANTONYM of the word 'opacity' in the given sentence.

The diminishing and deteriorating visibility in winter leads to the revival of accident cases on the highway.

- Ans**
- ☒ 1. revival
 - ☒ 2. deteriorating
 - ☒ 3. diminishing
 - ☒ 4. visibility

Q.11 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

My mother is 51 years old, / and my uncle is 48 years old. / So my mother is old than my uncle.

- Ans**
- ☒ 1. and my uncle is 48 years old.
 - ☒ 2. So my mother is old than my uncle.
 - ☒ 3. No error
 - ☒ 4. My mother is 51 years old,

Q.12 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Misinterpret
 - ☒ 2. Unnecessary
 - ☒ 3. Argument
 - ☒ 4. Exaggerate

Q.13 Select the option that rectifies the INCORRECTLY spelt word in the given sentence.

She tried not to embarras her friend by bringing up the awkward incident at the party.

- Ans**
- ☒ 1. embarress
 - ☒ 2. embarrass
 - ☒ 3. embarrass
 - ☒ 4. emberrass

Q.14 Select the most appropriate meaning of the underlined idiom.

The poet had to draw on his fancy to write all his sonnets.

- Ans**
- ☒ 1. use his imagination
 - ☒ 2. use his memory
 - ☒ 3. use his clothes
 - ☒ 4. use his money

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Our team lost the game / only because of / a mistake / with one of our players.

- Ans**
- ☒ 1. a mistake
 - ☒ 2. with one of our players
 - ☒ 3. only because of
 - ☒ 4. Our team lost the game

Q.16 Select the most appropriate meaning of the underlined word.

The board will look into the matter.

- Ans**
- ☒ 1. A member of a family
 - ☒ 2. A group of members of a company
 - ☒ 3. A union of workers
 - ☒ 4. A group of elected politicians

Q.17 Select the INCORRECTLY spelt word.

- A) Occasion
- B) Privilege
- C) Bizzare
- D) Definitely

Ans  1. D
 2. B
 3. A
 4. C

Q.18 Select the most appropriate option to fill in the blank.

Her presentation was both informative and _____.

Ans  1. entertainer
 2. entertaining
 3. entertain
 4. entertainingly

Q.19 Select the option that can be used as a one-word substitute for the given phrase.
A person who does not believe in the institution of marriage

Ans  1. Misogamist
 2. Nihilist
 3. Misogynist
 4. Masochist

Q.20 Parts of the following sentence have been given as options. Select the option that contains an error.

Shyam approached an leading psychologist for his treatment of anxiety and depression.

Ans  1. Shyam approached
 2. an leading psychologist
 3. for his treatment
 4. of anxiety and depression.

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speaking is a powerful tool (1)_____ human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2)_____ not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3)_____ a skill and an art, enabling individuals to inspire, educate and persuade audiences. (4)_____ it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5)_____ clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

Ans  1. at
 2. on
 3. with
 4. for

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speaking is a powerful tool (1)_____ human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2)_____ not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3)_____ a skill and an art, enabling individuals to inspire, educate and persuade audiences. (4)_____ it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5)_____ clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. involving
 - ☒ 2. involves
 - ☒ 3. involved
 - ☒ 4. involve

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speaking is a powerful tool (1)_____ human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2)_____ not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3)_____ a skill and an art, enabling individuals to inspire, educate and persuade audiences. (4)_____ it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5)_____ clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. though
 - ☒ 2. until
 - ☒ 3. both
 - ☒ 4. and

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speaking is a powerful tool (1)_____ human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2)_____ not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3)_____ a skill and an art, enabling individuals to inspire, educate and persuade audiences. (4)_____ it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5)_____ clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. Neither
 - ☒ 2. Whether
 - ☒ 3. Whereas
 - ☒ 4. Because

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speaking is a powerful tool (1)_____ human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2)_____ not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3)_____ a skill and an art, enabling individuals to inspire, educate and persuade audiences. (4)_____ it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5)_____ clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. themselves
 - ☒ 2. itself
 - ☒ 3. herself
 - ☒ 4. ourselves

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	11/11/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 A solid sphere of radius 9 cm is melted to form a hollow, right circular cylindrical tube of length 12 cm and external radius 15 cm. The thickness (in cm) of the tube is:

- Ans
- ☐ 1. 2
 - ☐ 2. 1
 - ☒ 3. 3
 - ☐ 4. 4

Q.2 A dishonest shopkeeper promises to sell his goods at cost price. However, he uses a weight that actually weighs 33% less than what is written on it. Find his profit percentage.

- Ans
- ☐ 1. $51\frac{34}{67}\%$
 - ☐ 2. $48\frac{17}{67}\%$
 - ☐ 3. $50\frac{18}{67}\%$
 - ☒ 4. $49\frac{17}{67}\%$

Q.3 A sum was deposited at a certain rate of simple interest for 4 years. If it had been a 5% higher rate of interest, then it would have amounted to ₹5,200 more. The sum deposited is:

- Ans
- ☐ 1. ₹25,000
 - ☐ 2. ₹13,000
 - ☒ 3. ₹26,000
 - ☐ 4. ₹10,400

Q.4 The sum of three consecutive odd numbers is 58 more than the average of these numbers. Find the largest number.

- Ans
- ☒ 1. 31
 - ☐ 2. 33
 - ☐ 3. 37
 - ☐ 4. 27

Q.5 A man travels a certain distance at 10 km/h and returns to the starting point at 8 km/h. The total time taken by him for the entire journey is one and a half hours. The total distance (in km) covered by him is:

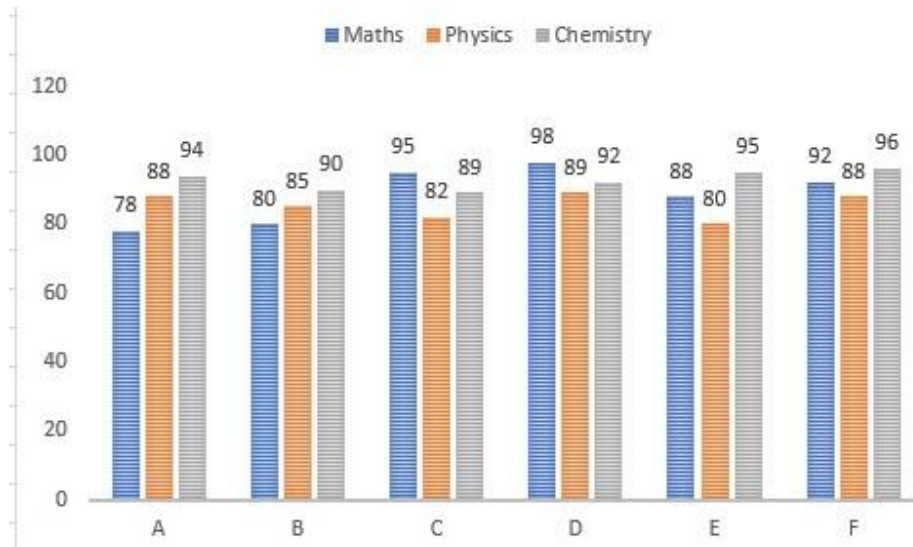
- Ans
- ☒ 1. $13\frac{1}{3}$
 - ☐ 2. $14\frac{2}{5}$
 - ☐ 3. $12\frac{2}{3}$
 - ☐ 4. $11\frac{1}{3}$

Q.6 The salary of a person was reduced by 20%. By what percentage should his reduced salary be raised so as to bring it at par with his original salary?

- Ans**
- ☒ 1. 22%
 - ☒ 2. 25%
 - ☒ 3. 20%
 - ☒ 4. 30%

Q.7 Study the given bar graph and answer the question that follows.

The bar-graph given below shows the average marks scored by six students (A, B, C, D, E and F) in Mathematics, Physics and Chemistry. The maximum marks of each subject is 100.



Find the difference between the total marks scored by B in Mathematics, Physics and Chemistry to the total marks scored by F in Mathematics, Physics and Chemistry.

- Ans**
- ☒ 1. 42
 - ☒ 2. 21
 - ☒ 3. 24
 - ☒ 4. 12

Q.8 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 8% per year rate of interest for 5 years.

- Ans**
- ☒ 1. 760
 - ☒ 2. 840
 - ☒ 3. 740
 - ☒ 4. 800

Q.9 The ratio between the monthly incomes of P and Q is 7 : 6 and the ratio between their expenditures is 6 : 5. If they save ₹480 each, then find P's monthly income.

- Ans**
- ☒ 1. ₹2,880
 - ☒ 2. ₹3,360
 - ☒ 3. ₹6,240
 - ☒ 4. ₹2,400

Q.10 Two trains start at the same time from two stations and travel towards each other with speeds of 72 km/h and 84 km/h, respectively. When they cross each other, it is found that one train has covered 108 km more than the other. What is the distance (in km) between the two stations, and after how many hours will they meet, respectively?

- Ans**
- ☒ 1. 1084; 7
 - ☒ 2. 1440; 10
 - ☒ 3. 1244; 8
 - ☒ 4. 1404; 9

Q.11 Amar buys a wall clock for ₹300 and sells it for ₹200. Find his percentage loss.

- Ans
- ☐ 1. 32.33% gain
 - ☐ 2. 31.33% gain
 - ☐ 3. 30.33% loss
 - ☒ 4. 33.33% loss

Q.12 What is the height of a solid right circular cylinder of radius 21 cm if its total surface area is 3828 cm^2 (use $\pi = \frac{22}{7}$)?

- Ans
- ☒ 1. 8 cm
 - ☐ 2. 6 cm
 - ☐ 3. 10 cm
 - ☐ 4. 12 cm

Q.13 The greatest number which exactly divides the numbers 38, 95 and 171 is:

- Ans
- ☒ 1. 19
 - ☐ 2. 21
 - ☐ 3. 13
 - ☐ 4. 9

Q.14 The table below shows the number of people who responded to a survey about their favourite style of music.

Age	18-35	36-50	51+
Classical	75	51	54
Pop	54	67	65
Hip-Hop	60	82	78
Rock	72	78	49
Total	261	278	246

What percentage of the total sample indicated that Classical is their favourite style of music? (Rounded off to 2 decimal places)

- Ans
- ☒ 1. 22.93%
 - ☐ 2. 21.15%
 - ☐ 3. 19.25%
 - ☐ 4. 26.32%

- Q.15 The total surface area of a solid cylinder of radius 8 cm, is 704 cm^2 . Find the volume of the cylinder.
(Use $\pi = \frac{22}{7}$)
- Ans
- ✓ 1. $1206\frac{6}{7} \text{ cm}^3$
- ✗ 2. $1602\frac{6}{7} \text{ cm}^3$
- ✗ 3. $1106\frac{6}{7} \text{ cm}^3$
- ✗ 4. $1026\frac{6}{7} \text{ cm}^3$

- Q.16 The average marks of 60 students was found to be 48. Later on, it was discovered that a score of 68 was misread as 56. Find the correct average corresponding to the correct score.
- Ans
- ✗ 1. 40.8
- ✗ 2. 44.2
- ✗ 3. 54.2
- ✓ 4. 48.2

- Q.17 In an examination, the average marks of the student in class were 85.4. If the student had got 8 more marks in History, 12 more marks in Science, 10 more marks in Computer Science, 15 less marks in Hindi and retained the same marks in other subjects, then the average would have been 87.9. How many subjects were there in the examination?
- Ans
- ✗ 1. 8
- ✗ 2. 5
- ✓ 3. 6
- ✗ 4. 7

- Q.18 The marked price of an article is ₹1,680 and it is sold at a discount of 19%. If there is a gain of 8%, then by what percentage above the cost price was the article marked?
- Ans
- ✗ 1. $32\frac{1}{3} \%$
- ✗ 2. $31\frac{1}{3} \%$
- ✓ 3. $33\frac{1}{3} \%$
- ✗ 4. $35\frac{1}{3} \%$

- Q.19 There are five baskets- A, B, C, D and E. Each basket has rings in it and the average number of rings in all five baskets is 42. If basket D is removed, the average number of rings in the remaining baskets is 38. How many rings are there in basket D?
- Ans
- ✗ 1. 42
- ✗ 2. 64
- ✓ 3. 58
- ✗ 4. 38

Q.20 How long (in years) will it take for a sum of money invested at 4% per annum on simple interest to increase its value by 30%?

- Ans**
-  1. $5\frac{1}{2}$
 -  2. $7\frac{1}{2}$
 -  3. $8\frac{1}{2}$
 -  4. $4\frac{1}{2}$

Section : Reasoning Ability and Problem Solving

Q.1 In a certain code language, 'KNOW' is coded as '2846' and 'WIDE' is coded as '5729'.What is the code for 'W' in the given code language?

- Ans**
-  1. 5
 -  2. 9
 -  3. 2
 -  4. 6

Q.2 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$234 \times 6 - 6 \div 66 + 60 = ?$$

- Ans**
-  1. 375
 -  2. 365
 -  3. 329
 -  4. 322

Q.3 Which of the following interchanges of signs would make the given equation correct?
 $8 - 4 + 144 \div 16 \times 27 = 14$

- Ans**
-  1. ÷ and -
 -  2. × and -
 -  3. + and ×
 -  4. - and +

Q.4 AI10 is related to YG12 in a certain way. In the same way, BJ20 is related to ZH22. To which of the following is CK30 related, following the same logic?

- Ans**
-  1. AB32
 -  2. AI32
 -  3. BC22
 -  4. BI22

Q.5 In a code language, 'MBXL' is coded as 'OXZH' and 'FKRG' is coded as 'HGTC'. How will 'LUGS' be coded in that language?

- Ans**
-  1. OPJN
 -  2. OQJP
 -  3. NQIO
 -  4. NPIN

Q.6 In a certain code language, 'FITS' is coded as 'ULID' and 'GIFT' is coded as 'IUZD'. What is the code for 'G' in the given code language?

- Ans**
-  1. D
 -  2. I
 -  3. Z
 -  4. U

Q.7 Select the option that is related to the third figure in the same way as the second figure is related to the first figure.
Follow the analogy-

Figure 1 : Figure 2 :: Figure 3 : ?

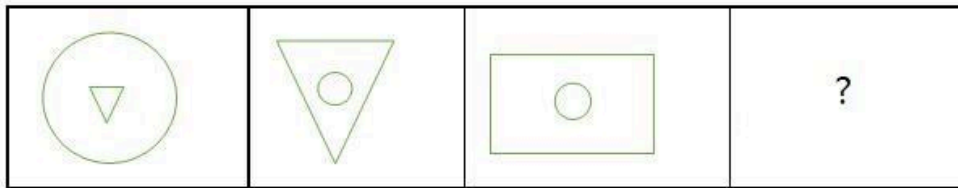


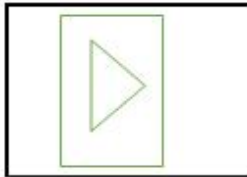
Figure 1

Figure 2

Figure 3

Ans

☒ 1.



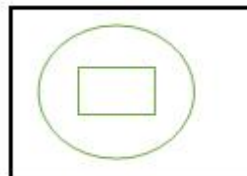
☒ 2.



☒ 3.



☒ 4.



Q.8 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All belts are wallets.

Some wallets are glasses.

Conclusions:

(I) Some belts are glasses.

(II) Some glasses are not wallets.

Ans ☒ 1. Only conclusion I follows.

☒ 2. Both conclusions I and II follow.

☒ 3. Neither conclusion I nor II follows.

☒ 4. Only conclusion II follows.

Q.9 Select the number from among the given options that can replace the question mark (?) in the following series.
86, 91, 101, 116, ?

Ans ☒ 1. 134

☒ 2. 126

☒ 3. 136

☒ 4. 159

Q.10 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

12, 108
20, 180

- Ans
- ☒ 1. 14, 125
 - ☒ 2. 30, 290
 - ☒ 3. 25, 225
 - ☒ 4. 18, 156

Q.11 A, B, L, N, S, T and Z are seven candidates sitting around a circular table, facing the centre (but not necessarily in the same order), for a group discussion. L is sitting third to the left of N. N is sitting exactly between T and B. Z is an immediate neighbour of B and is sitting third to the left of S. Z is also an immediate neighbour of A. Who is sitting second to the left of N?

- Ans
- ☒ 1. S
 - ☒ 2. A
 - ☒ 3. L
 - ☒ 4. Z

Q.12 Which figure should replace the question mark (?) in the following series if it were to be continued?

☆ =	6	H 6	=	
N	☆	= N	H	?
6	=		6	

Ans

☒ 1.

D	
N	
6	=

☒ 2.

D	
H	
=	6

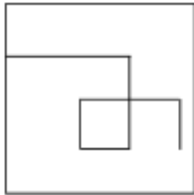
☒ 3.

H	
N	
6	=

☒ 4.

D	
N	
6	=

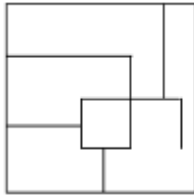
Q.13 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



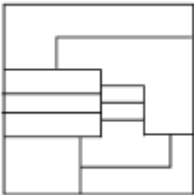
(X)

Ans

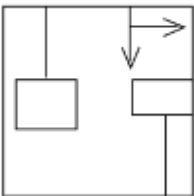
✓ 1.



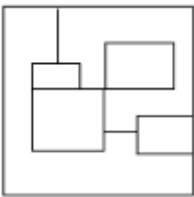
✗ 2.



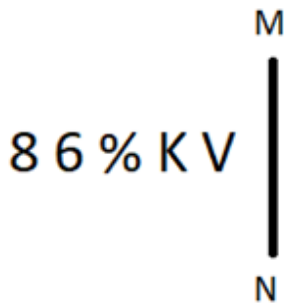
✗ 3.



✗ 4.

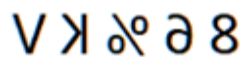


Q.14 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

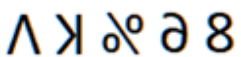


Ans

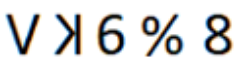
✓ 1.



✗ 2.



✗ 3.



✗ 4.



Q.15 6 is related to 77 following a certain logic. Following the same logic, 9 is related to 116. To which of the following is 11 related, following the same logic?
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

Ans

✓ 1. 142

✗ 2. 143

✗ 3. 141

✗ 4. 132

Q.16 OM 13 is related to RP 17 in a certain way. In the same way, WU 19 is related to ZX 23. To which of the following is IG 14 related, following the same logic?

- Ans**
- ☒ 1. LJ 18
 - ☐ 2. LJ 17
 - ☐ 3. KJ 18
 - ☐ 4. KJ 17

Q.17 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

Some babies are humans.

All babies are animals.

Conclusions:

(I) At least some animals are humans.

(II) All animals are babies.

- Ans**
- ☐ 1. Only conclusion (II) follows.
 - ☒ 2. Only conclusion (I) follows.
 - ☐ 3. Neither conclusion (I) nor (II) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.18 E, F, G, H, I, J and K are sitting around a circular table facing the centre (but not necessarily in the same order). I sits third to the left of J. E is an immediate neighbour of both G and H. G sits third to the right of J. F sits second to the right of I. What is the position of K with respect to H?

- Ans**
- ☐ 1. Immediate right
 - ☒ 2. Third to the left
 - ☐ 3. Second to the left
 - ☐ 4. Third to the right

Q.19 In a certain code language, 'BEND' is written as 'ADMC' and 'FISH' is written as 'EHRG'. How will 'EVIL' be written in that language?

- Ans**
- ☐ 1. FWJM
 - ☐ 2. DUJM
 - ☒ 3. DUHK
 - ☐ 4. DWHK

Q.20 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

FOM, ILJ, LIG, OFD, ?

- Ans**
- ☒ 1. RCA
 - ☐ 2. SCA
 - ☐ 3. SCB
 - ☐ 4. RCB

Section : **General Awareness**

Q.1 In rat-hole mining, which of the following minerals is mined?

- Ans**
- ☒ 1. Coal
 - ☐ 2. Gold
 - ☐ 3. Bauxite
 - ☐ 4. Nickel

Q.2 What approach did Dadabhai Naoroji use to calculate the Poverty Line?

- Ans**
- ☐ 1. Export-import data
 - ☐ 2. Agricultural productivity
 - ☐ 3. Industrial output
 - ☒ 4. Prisoner menu

Q.3	Which of the following Hindi novels is written by Vishnu Prabhakar?
Ans	☐ 1. Mujhe Chand Chahiye ☐ 2. Kyapa ☐ 3. Vinayak ☒ 4. Ardhnarishwar
Q.4	In which season of the Ultimate Kho-Kho League tournament was Ramji Kashyap awarded the Player of the tournament?
Ans	☐ 1. Season 3 ☐ 2. Season 4 ☒ 3. Season 2 ☐ 4. Season 1
Q.5	The Indian Ministry of Environment, Forest and Climate Change maintains a log of all the endangered species of India along with their conservation status. What is the name of this book?
Ans	☒ 1. Red Data Book ☐ 2. The Black Book ☐ 3. Indian Life Catalogue ☐ 4. The Book of Endangered Species
Q.6	The position of the President in the Indian Political system is that of a _____.
Ans	☐ 1. Real Executive ☒ 2. Nominal Executive ☐ 3. King ☐ 4. Dictator
Q.7	Where is the headquarters of the West Central Railway Zone?
Ans	☐ 1. Maligaon ☐ 2. Bilaspur ☐ 3. Hubli ☒ 4. Jabalpur
Q.8	The famous folk dance 'Dholacha Nach' is performed in which state?
Ans	☐ 1. Rajasthan ☒ 2. Maharashtra ☐ 3. Madhya Pradesh ☐ 4. Bihar
Q.9	Which team won the first edition of the Women's Premier League (WPL) event in the year 2023?
Ans	☒ 1. Mumbai Indians ☐ 2. Delhi Capitals ☐ 3. Gujarat Giants ☐ 4. Royal Challengers Bangalore
Q.10	The village servants or functionaries, who constituted of groups of families in Vijayanagar empire, were called _____.
Ans	☐ 1. vellalars ☐ 2. nayakas ☐ 3. amaranayakas ☒ 4. ayagars
Q.11	In 2023, the philanthropic organisation Carnegie Corporation of New York placed Ajay Banga, the President of _____, on its annual 'Great Immigrants' list. This list consists of honourees who have enriched and strengthened America and its democracy through their contributions and actions.
Ans	☐ 1. European Union ☒ 2. World Bank ☐ 3. African Union ☐ 4. Asian Development Bank

Q.12 At which of the following places was the first Singh Sabha founded in 1873?

- Ans**
- ☒ 1. Amritsar
 - ☐ 2. Multan
 - ☐ 3. Jullundur
 - ☐ 4. Lahore

Q.13 Which of the following national leaders of India inaugurated the first Akhil Bhartiya Kalidas Samman Samaroh held in Ujjain in 1958?

- Ans**
- ☒ 1. Rajendra Prasad
 - ☐ 2. Sardar Patel
 - ☐ 3. Lal Bahadur Shastri
 - ☐ 4. Jawaharlal Nehru

Q.14 On 11th December 2022, who among the following took over as the Deputy Chief Minister of Himachal Pradesh?

- Ans**
- ☐ 1. Shiv Pratap Shukla
 - ☒ 2. Mukesh Agnihotri
 - ☐ 3. Vikramaditya Singh
 - ☐ 4. Jairam Thakur

Q.15 Which state lies in the rain shadow region of the Arabian Sea branch of the southwest monsoon?

- Ans**
- ☒ 1. Tamil Nadu
 - ☐ 2. Goa
 - ☐ 3. Kerala
 - ☐ 4. Gujarat

Q.16 Gluten formation is observed in various foods like pasta, noodles, pizzas, and bread. Gluten occurs when two specific proteins are mixed with water. Name the two proteins responsible for gluten formation.

- Ans**
- ☐ 1. Glutenin and Glycine
 - ☒ 2. Glutenin and Gliadin
 - ☐ 3. Glutenin and Casein
 - ☐ 4. Glutenin and Albumin

Q.17 Which of the following is/are an example of a non-tax revenue receipt?

- Ans**
- ☐ 1. Income tax
 - ☒ 2. Interest income
 - ☐ 3. External commercial borrowings
 - ☐ 4. Disinvestment

Q.18 The National Apprenticeship Promotion Scheme (NAPS) was launched by the Government of India in the year _____.

- Ans**
- ☐ 1. 2022
 - ☐ 2. 2012
 - ☒ 3. 2016
 - ☐ 4. 2005

Q.19 Which of the following is an example of a physical change? In this example, there is no change in chemical composition of matter.

A: Coal changing into coal ash on burning

B: Preparing a sweet drink by mixing sugar in water

C: White washing walls using a solution of lime and water

D: Mixing salt and lemon juice in a beaker

- Ans**
- ☒ 1. Only B
 - ☐ 2. Only C
 - ☐ 3. Only D
 - ☐ 4. Only A

Q.20	Which of the following festivals is celebrated in the month of Chaitra?
Ans	 1. Ramnavami  2. Diwali  3. Janmashtami  4. Dussehra
Q.21	The Fourth Anglo-Mysore War was fought in the year _____.
Ans	 1. 1799  2. 1797  3. 1796  4. 1800
Q.22	Which of the following statements is/are correct temples of Khajuraho? a) Equal importance is given to human experience and spiritual pursuit. b) Jain and Hindu temples are also found at Khajuraho. c) Chausanth Yogini temple is one of the important temples here.
Ans	 1. Only b and c  2. All a, b and c  3. Only a and b  4. Only c and a
Q.23	Literal meaning of 'megalith' is _____.
Ans	 1. a big stone  2. a huge shelter  3. a cave  4. a mortuary
Q.24	For which song did Tanvi Shah become the first Indian woman to win a Grammy Award in 2010?
Ans	 1. Ae Watan  2. Jai Ho  3. Vande Mataram  4. Bharat Ki Beti
Q.25	Who was the Prime Minister when the 11th Fundamental Duty was incorporated into the Indian Constitution?
Ans	 1. Lal Bahadur Shastri  2. Indira Gandhi  3. Gulzari Lal Nanda  4. Atal Bihari Vajpayee

Section : **English Language and Comprehension**

Q.1	Select the most appropriate idiom that can substitute the underlined segment in the given sentence. We often go camping, but I have never been to that <u>particular part of town or country</u> before.
Ans	 1. get it in the neck  2. risk one's neck  3. knock on wood  4. neck of the woods
Q.2	Select the most appropriate synonym of the underlined word. I did not like his <u>bossy</u> attitude.
Ans	 1. idiosyncratic  2. sensible  3. controlling  4. benevolent

Q.3 Select the most appropriate synonym of the given word.

Collapse

- Ans**
- ☒ 1. Fall
 - ☐ 2. Surprise
 - ☐ 3. Side
 - ☐ 4. Jump

Q.4 Select the correct spelling from the given options to fill in the blank.
We _____ to keep you informed of any delay to your expected delivery date.

- Ans**
- ☐ 1. endavour
 - ☒ 2. endeavour
 - ☐ 3. endeavour
 - ☐ 4. endeavor

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Effective responses of climate change are imperative to protect the world's children and fulfil their rights.

- Ans**
- ☐ 1. responses with climate change
 - ☒ 2. responses to climate change
 - ☐ 3. responses at climate change
 - ☐ 4. responses from climate change

Q.6 Select the sentence that has a grammatical error.

- Ans**
- ☐ 1. She is an artist at a local gallery.
 - ☐ 2. Can you bring me the keys to the car?
 - ☐ 3. The cat is sleeping on a mat.
 - ☒ 4. They have an information about the event.

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

If I wrote an email / to my boss now, / he will react / by yelling at me tomorrow in the morning.

- Ans**
- ☐ 1. by yelling at me tomorrow in the morning.
 - ☒ 2. If I wrote an email
 - ☐ 3. he will react
 - ☐ 4. to my boss now,

Q.8 Select the most appropriate meaning of the underlined idiom from the alternatives.

Rajiv will understand some day that all his friends are fair weather friends.

- Ans**
- ☐ 1. True friends help you when you need them
 - ☐ 2. Friends generally have similar characteristics
 - ☒ 3. A friend who stays only when times are convenient
 - ☐ 4. A friend who meets you only during pleasant weather

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Always keep in mind leaner bodies need more calories than fattest ones.

- Ans**
- ☐ 1. more fatter
 - ☐ 2. the fattest
 - ☒ 3. fatter
 - ☐ 4. fat

Q.10 Select the most appropriate ANTONYM of the given word.

Brave

- Ans**
- ☐ 1. Earthly
 - ☐ 2. Dim
 - ☒ 3. Cowardly
 - ☐ 4. Boundless

Q.11 Select the option that can be used as a one-word substitute for highlighted group of words in the given sentence.

He devoted his entire life to the study of the human mind.

- Ans**
- ☒ 1. philology
 - ☒ 2. psychology
 - ☒ 3. physics
 - ☒ 4. physiology

Q.12 Select the option that rectifies the INCORRECT spelling in the given sentence.
If you try to convince people that money is not very important, then you are barking up the wrong tree.

- Ans**
- ☒ 1. convince
 - ☒ 2. conveence
 - ☒ 3. convincee
 - ☒ 4. canvince

Q.13 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

If the players don't wear sunscreen, / their faces will / get reddest.

- Ans**
- ☒ 1. get reddest
 - ☒ 2. No error
 - ☒ 3. If the players don't wear sunscreen,
 - ☒ 4. their faces will

Q.14 Select the INCORRECTLY spelt word from the given sentence.

The kitten's playful behaivor brought joy to the entire family.

- Ans**
- ☒ 1. Kitten's
 - ☒ 2. Playful
 - ☒ 3. Behavior
 - ☒ 4. Joy

Q.15 Select the most appropriate option to fill in the blank .

The company's decision to relocate had a negative _____ on its employees.

- Ans**
- ☒ 1. effect
 - ☒ 2. establish
 - ☒ 3. accommodation
 - ☒ 4. conclusion

Q.16 Select the most appropriate ANTONYM of the given word.

compassionate

- Ans**
- ☒ 1. hardworking
 - ☒ 2. disciplined
 - ☒ 3. confident
 - ☒ 4. cruel

Q.17 Select the most appropriate option that can substitute the underlined words in the given sentence.

I have never had and never will be dependent on him.

- Ans**
- ☒ 1. never been
 - ☒ 2. never has
 - ☒ 3. was never being
 - ☒ 4. has never been

Q.18 Select the most appropriate option to fill in the blank.
When we _____ ourselves, we activate a variety of psychological processes that help us achieve our objectives and improve our overall well-being.

- Ans**
- ☒ 1. believe in
 - ☐ 2. linger
 - ☐ 3. doubt
 - ☐ 4. demolish

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Rahul was angry of his brother as he broke his pen.

- Ans**
- ☐ 1. from
 - ☐ 2. of
 - ☒ 3. at
 - ☐ 4. on

Q.20 Select the option that can be used as a one-word substitute for the underlined word.
The old library had a musty smell from years of neglect.

- Ans**
- ☐ 1. casual
 - ☐ 2. fresh
 - ☒ 3. stale
 - ☐ 4. foggy

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the contemporary times, sports and games are emerging as one of the brightest careers. It expects to ____1____ at a very high moral plane. It demands honesty and transparency. Sports further demand continuous practice, hard work and ____2____ training. One must understand that sport not only has physical benefits but also ____3____ concentration and inner strength. Not only this, one who plays feels that ____4____ overall personality has undergone a change for better. Besides, social connectivity or networking, games develop ____5____ spirit in players.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. desynchronise
 - ☒ 2. operate
 - ☐ 3. dwell
 - ☐ 4. decide

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the contemporary times, sports and games are emerging as one of the brightest careers. It expects to ____1____ at a very high moral plane. It demands honesty and transparency. Sports further demand continuous practice, hard work and ____2____ training. One must understand that sport not only has physical benefits but also ____3____ concentration and inner strength. Not only this, one who plays feels that ____4____ overall personality has undergone a change for better. Besides, social connectivity or networking, games develop ____5____ spirit in players.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. relentless
 - ☐ 2. faltering
 - ☐ 3. abated
 - ☐ 4. paltry

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the contemporary times, sports and games are emerging as one of the brightest careers. It expects to ____1____ at a very high moral plane. It demands honesty and transparency. Sports further demand continuous practice, hard work and ____2____ training. One must understand that sport not only has physical benefits but also ____3____ concentration and inner strength. Not only this, one who plays feels that ____4____ overall personality has undergone a change for better. Besides, social connectivity or networking, games develop ____5____ spirit in players.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. deteriorates
 - ☐ 2. underlines
 - ☐ 3. controls
 - ☒ 4. boosts

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the contemporary times, sports and games are emerging as one of the brightest careers. It expects to ____1____ at a very high moral plane. It demands honesty and transparency. Sports further demand continuous practice, hard work and ____2____ training. One must understand that sport not only has physical benefits but also ____3____ concentration and inner strength. Not only this, one who plays feels that ____4____ overall personality has undergone a change for better. Besides, social connectivity or networking, games develop ____5____ spirit in players.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☐ 1. his
 - ☐ 2. it's
 - ☒ 3. one's
 - ☐ 4. their

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In the contemporary times, sports and games are emerging as one of the brightest careers. It expects to ____1____ at a very high moral plane. It demands honesty and transparency. Sports further demand continuous practice, hard work and ____2____ training. One must understand that sport not only has physical benefits but also ____3____ concentration and inner strength. Not only this, one who plays feels that ____4____ overall personality has undergone a change for better. Besides, social connectivity or networking, games develop ____5____ spirit in players.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☐ 1. captaincy
 - ☐ 2. companionship
 - ☐ 3. leadership
 - ☒ 4. sportsmanship

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	12/11/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 A vehicle moves at 65 km/h for 4 hours before slowing down to 52 km/h for the next 2.5 hours. Calculate the average speed.

- Ans**
- ☒ 1. 61.25 km/h
 - ☒ 2. 60 km/h
 - ☒ 3. 58.5 km/h
 - ☒ 4. 55 km/h

Q.2 A quadrilateral ABCD has sides $AB = 5$ units, $BC = 12$ units, $CD = DA$ and $\angle ABC = \angle ADC = 90^\circ$. What is the area of the quadrilateral (in square units)?

- Ans**
- ☒ 1. 72.25
 - ☒ 2. 74.75
 - ☒ 3. 74.25
 - ☒ 4. 72.75

Q.3 Find the value of P, if $10 - \{5 - (15 + 5 \div P)\} \times (0.5)^2 \div 1.25 = 1$.

- Ans**
- ☒ 1. $-1/4$
 - ☒ 2. $1/11$
 - ☒ 3. $1/4$
 - ☒ 4. $-1/11$

Q.4 The average score of 12 girls in a test was 16.5 and that of 18 boys in the same test was 16. The average score of girls and boys taken together in the same test was:

- Ans**
- ☒ 1. 16.7
 - ☒ 2. 16.4
 - ☒ 3. 16.1
 - ☒ 4. 16.2

Q.5 I walk at a speed of 10 km/h and reach the destination in 2 hours. If I increase my speed by 5 km/h, how early would I reach my destination?

- Ans**
- ☒ 1. 30 min
 - ☒ 2. 40 min
 - ☒ 3. 20 min
 - ☒ 4. 50 min

Q.6 If the perimeter of an equilateral triangle is 24 cm, then the length of each median is:

- Ans**
- ☒ 1. $4\sqrt{3}$ cm
 - ☒ 2. $3\sqrt{3}$ cm
 - ☒ 3. $3\sqrt{2}$ cm
 - ☒ 4. $4\sqrt{2}$ cm

Q.7 If goods are purchased for ₹800 and one-fourth is sold at a loss of 20%, at what gain percentage should the remaining goods be sold to achieve a 10% gain on the whole transaction?

- Ans**
- ☐ 1. 30%
 - ☒ 2. 20%
 - ☐ 3. 15%
 - ☐ 4. 10%

Q.8 What sum (in ₹) will earn a simple interest of ₹240 in 4 years at 20% per year rate of interest?

- Ans**
- ☐ 1. 450
 - ☒ 2. 300
 - ☐ 3. 150
 - ☐ 4. 600

Q.9 When a number is first increased by 18% and then decreased by 18%, the change in the number is _____.

- Ans**
- ☐ 1. 3.24% increase
 - ☐ 2. 32.4% increase
 - ☐ 3. 0%
 - ☒ 4. 3.24 % decrease

Q.10 The average age of a man and his son is 48 years. The ratio of their ages is 5 : 3. What is the son's age?

- Ans**
- ☐ 1. 35 years
 - ☒ 2. 36 years
 - ☐ 3. 38 years
 - ☐ 4. 34 years

Q.11 A man buys 15 identical articles for a total of ₹15. If he sells each of them for ₹1.32, then his profit percentage is:

- Ans**
- ☐ 1. 50%
 - ☒ 2. 32%
 - ☐ 3. 23%
 - ☐ 4. 8%

Q.12 What is the radius of the largest right circular cone that can be cut out from a cube of edge 8.4 cm ?

- Ans**
- ☐ 1. 2.1 cm
 - ☐ 2. 4.1 cm
 - ☒ 3. 4.2 cm
 - ☐ 4. 2.2 cm

Q.13 The average of seven consecutive natural numbers is 56. The greatest number among them is:

- Ans**
- ☐ 1. 61
 - ☒ 2. 59
 - ☐ 3. 60
 - ☐ 4. 58

Q.14 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 4% per year rate of interest for 6 years.

- Ans**
- ☐ 1. 560
 - ☒ 2. 600
 - ☐ 3. 640
 - ☐ 4. 540

Q.15 If $40 : 35 :: 35 : x$, find the value of x .

Ans

- ☐ 1. $\frac{49}{8}$
- ☐ 2. $\frac{49}{16}$
- ☐ 3. $\frac{49}{14}$
- ☒ 4. $\frac{245}{8}$

Q.16 A man sold his bicycle for ₹810 losing two-fifth of its cost price. What is the loss percentage?

Ans

- ☒ 1. 40%
- ☐ 2. 45%
- ☐ 3. 50%
- ☐ 4. 35%

Q.17 The LCM of $\frac{2}{3}, \frac{5}{6}, \frac{5}{12}$ and $\frac{7}{18}$ is:

Ans

- ☒ 1. $\frac{70}{3}$
- ☐ 2. $\frac{80}{11}$
- ☐ 3. $\frac{45}{7}$
- ☐ 4. $\frac{50}{3}$

Q.18 A printer with a marked price of ₹9,000 is offered on successive discounts of 30%, 20%, and 15%. Identify the printer's selling price.

Ans

- ☐ 1. ₹4,250
- ☐ 2. ₹4,264
- ☒ 3. ₹4,284
- ☐ 4. ₹4,274

Q.19 A person lent a sum of ₹30,000 on simple interest for 12 years, with an interest rate of 8% per annum for the first 4 years, 10% per annum for the next 3 years, and 15% per annum for last 5 years. How much interest (in ₹) will he earn at the end of 12 years?

Ans

- ☒ 1. 41100
- ☐ 2. 38000
- ☐ 3. 40800
- ☐ 4. 40200

Q.20 In an office having 160 staff members, 40% are females and the remaining are males. The average weight of females is 58 kg and that of males is 63 kg. Find the average weight of all staff members.

- Ans**
-  1. 68 kg
 -  2. 61 kg
 -  3. 58 kg
 -  4. 79 kg

Section : Reasoning Ability and Problem Solving

Q.1 OJNI is related to GBFA in a certain way based on the English alphabetical order. In the same way, QLPK is related to IDHC. To which of the following is VQUP related, following the same logic?

- Ans**
-  1. INMH
 -  2. INHM
 -  3. NIHM
 -  4. NIMH

Q.2 Select the set in which the numbers are related in the same way as are the numbers of the given sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
(5, 25, 125)
(6, 36, 216)

- Ans**
-  1. (8, 64, 712)
 -  2. (9, 81, 729)
 -  3. (11, 110, 1110)
 -  4. (3, 9, 81)

Q.3 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$29 \times 841 \div 87 + 37 - 59 = ?$$

- Ans**
-  1. 55
 -  2. 65
 -  3. 52
 -  4. 25

Q.4 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
AEH, DHK, GKN, JNQ, ?

- Ans**
-  1. MQT
 -  2. PQT
 -  3. NRU
 -  4. MQX

Q.5 AWKN is related to CYMP in a certain way based on the English alphabetical order. In the same way, GVSX is related to IXUZ. To which of the following is KLTQ related, following the same logic?

- Ans**
-  1. KNVR
 -  2. MNVR
 -  3. MNVS
 -  4. MNWS

Q.6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

No soap is a lotion.

No lotion is a conditioner.

Conclusions:

(I) No soap is a conditioner.

(II) Some conditioners are lotions.

- Ans**
- ☒ 1. Neither conclusion I nor II follows
 - ☐ 2. Only conclusion I follows
 - ☐ 3. Only conclusion II follows
 - ☐ 4. Both conclusion I and II follow

Q.7 In a certain code language, 'CAKE' is coded as '5913' and 'SHARP' is coded as '24658'. How is 'A' coded in the given language?

- Ans**
- ☒ 1. 5
 - ☐ 2. 4
 - ☐ 3. 1
 - ☐ 4. 6

Q.8 Which two numbers should be interchanged to make the given equation correct?

$$(12 \div 3) \times 18 - 2 \times 4 + 42 \div 6 = 69$$

(Note: Interchange should be done of entire number and not individual digits of a given number)

- Ans**
- ☐ 1. 18 and 12
 - ☐ 2. 3 and 4
 - ☐ 3. 3 and 6
 - ☒ 4. 2 and 6

Q.9 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

No lizard is a snake.

All lizards are reptiles.

Conclusions:

(I) At least some reptiles are snakes.

(II) All reptiles are lizards.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow.
 - ☐ 2. Only conclusion (I) follows.
 - ☐ 3. Only conclusion (II) follows.
 - ☒ 4. Neither conclusion (I) nor (II) follows.

Q.10 What should come in place of the question mark (?) in the following series?

313, 317, 326, 342, 367, ?

- Ans**
- ☐ 1. 401
 - ☐ 2. 404
 - ☒ 3. 403
 - ☐ 4. 402

Q.11 What should come in place of the question mark (?) in the following series?

3, 7, 15, 31, 63, ?

- Ans**
- ☐ 1. 576
 - ☐ 2. 177
 - ☐ 3. 168
 - ☒ 4. 127

Q.12 In a certain code language, 'you are a good friend' is coded as 'es an pz fd mq' and 'his friend is very kind' is coded as 'ck mq pn ag sb'. How is 'friend' coded in the given language?

- Ans**
- ☒ 1. es
 - ☒ 2. mq
 - ☐ 3. fd
 - ☐ 4. ck

Q.13 In a code language, 'ROASTER' is coded as '96' and 'GUM' is coded as '41'. How will 'ARTIST' be coded in the same language?

- Ans**
- ☒ 1. 87
 - ☐ 2. 77
 - ☐ 3. 82
 - ☐ 4. 88

Q.14 13 is related to 103 following a certain logic. Following the same logic, 9 is related to 71. To which of the following is 15 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 119
 - ☐ 2. 117
 - ☐ 3. 109
 - ☐ 4. 112

Q.15 The second number in the given number pairs is obtained by performing certain mathematical operation(s) on the first number. Select the pair in which the numbers are related in the same way as are the numbers of the given pairs.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

11, 88
14, 112

- Ans**
- ☐ 1. 24, 196
 - ☐ 2. 28, 226
 - ☐ 3. 19, 151
 - ☒ 4. 16, 128

Q.16 JQMT is related to PWSZ in a certain way based on the English alphabetical order. In the same way, HOKR is related to NUQX. To which of the following is FMIP related, following the same logic?

- Ans**
- ☐ 1. OSLV
 - ☒ 2. LSOV
 - ☐ 3. OLSV
 - ☐ 4. LOSV

Q.17 In a certain code language, 'MOTH' is coded as '2514' and 'TOME' is coded as '1453'. What is the code for 'E' in that language?

- Ans**
- ☐ 1. 4
 - ☒ 2. 3
 - ☐ 3. 1
 - ☐ 4. 5

Q.18 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). B is sitting second to the left of C. Only two people are sitting between B and D. D is an immediate neighbour of C. A is sitting third to the right of F. E is sitting to the immediate left of G. What is the position of E with respect to B?

- Ans**
- ☒ 1. Second to the left
 - ☐ 2. To the immediate left
 - ☐ 3. To the immediate right
 - ☐ 4. Third to the right

Q.19 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All bricks are walls.

All walls are rooms.

Conclusions:

(I) At least some walls are bricks.

(II) All rooms are walls.

- Ans**
- ☐ 1. Both conclusions I and II follow.
 - ☐ 2. Neither conclusion I nor II follows.
 - ☐ 3. Only conclusion II follows.
 - ☒ 4. Only conclusion I follows.

Q.20 Six persons – L, M, N, O, P and Q – are sitting around a circular table facing the centre, but not necessarily in the same order. O is sitting second to the left of Q. P is not an immediate neighbour of Q. M is sitting second to the right of L. N is sitting to the immediate right of Q.
Who is an immediate neighbour of both, L and N?

- Ans**
- ☐ 1. M
 - ☐ 2. O
 - ☐ 3. Q
 - ☒ 4. P

Section : **General Awareness**

Q.1 Which of these state governments has implemented PESA act in November 2022?

- Ans**
- ☐ 1. Rajasthan
 - ☐ 2. Punjab
 - ☐ 3. Uttar Pradesh
 - ☒ 4. Madhya Pradesh

Q.2 Padma Bhushan awardee Mogubai Kurdikar was associated with which of the following music styles?

- Ans**
- ☐ 1. Folk music
 - ☒ 2. Hindustani Classical music
 - ☐ 3. Theatre music
 - ☐ 4. Jazz music

Q.3 _____ was awarded, Padma Shri in 1970 for his contribution to the field of Kuchipudi dance.

- Ans**
- ☐ 1. Sthanam NarasimhaRao
 - ☐ 2. Mushtaq Husain Khan
 - ☒ 3. V Satyanarayana Sarma
 - ☐ 4. Dwaram Venkataswami Naidu

Q.4 Which of the following iron and steel plants is located in Jharkhand?

- Ans**
- ☐ 1. Durgapur
 - ☐ 2. Salem
 - ☐ 3. Vijay Nagar
 - ☒ 4. Bokaro

Q.5 Which of the following peaks is NOT located in India?

- Ans**
- ☐ 1. Mahendragiri
 - ☒ 2. Dhaulagiri
 - ☐ 3. Guru Shikar
 - ☐ 4. Nanda Devi

Q.6 Which state in India hosted the 77th edition of the Santosh Trophy?

- Ans**
-  1. Madhya Pradesh
 -  2. Uttar Pradesh
 -  3. Arunanchal Pradesh
 -  4. Himanchal Pradesh

Q.7 Which of the following vitamins includes cobalt as an essential component?

- Ans**
-  1. Vitamin D
 -  2. Vitamin E
 -  3. Vitamin A
 -  4. Vitamin B12

Q.8 Who among the following was the first woman President of the Indian National Congress?

- Ans**
-  1. Sucheta Kriplani
 -  2. Annie Besant
 -  3. Sarojini Naidu
 -  4. Aruna Asaf Ali

Q.9 Who became the Nawab of Bengal after the death of Alivardi Khan in the year 1756?

- Ans**
-  1. Saadat Ali Khan
 -  2. Shuja-Ud-Daulah
 -  3. Wazir Ali
 -  4. Siraj-Ud-Daulah

Q.10 What is a 'double fault' in tennis?

- Ans**
-  1. A serve that goes out of bounds
 -  2. A fault called by the linesman
 -  3. A serve that hits the net and goes into the correct service box
 -  4. Serving two faults in a row

Q.11 Which of the following statements is/are true for the Religious Festivals in India?

- 1.Losar festival is majorly celebrated by Buddhist community of India.
2.Navroz festival is majorly celebrated by the Parsi community of India.
3.Saga Dawa is majorly celebrated by the Muslim community of India.

- Ans**
-  1. Both 2 and 3
 -  2. Only 1
 -  3. Both 1 and 2
 -  4. Only 2

Q.12 Which of the following Census recorded negative population growth in India?

- Ans**
-  1. 1991
 -  2. 1971
 -  3. 2011
 -  4. 1921

Q.13 In which year did John Dalton present his atomic theory, the second part of which states that all atoms of a particular element are equal?

- Ans**
-  1. 1808
 -  2. 1825
 -  3. 1811
 -  4. 1800

Q.14 The construction of Mehrangarh fort of Jodhpur was initiated during the reign of which ruler?

- Ans**
-  1. Sawai Man Singh
 -  2. Rao Jodha
 -  3. Maharawal Jaswant Singh
 -  4. Rao Bika

Q.15 With reference to medieval history, consider the following statements.
1. The founder of the Chola dynasty called the 'Imperial Cholas' was Vijayalaya (9th century AD).
2. One of the important dynasties which ruled in northern India was Gurjara-Pratiharas.
3. Palas ruled in western India and Rashtrakutas ruled in southern India in the early years (750 -1000).
Which of the given statement(s) is/are correct?

- Ans**
- ☐ 1. 1 and 3 only
 - ☐ 2. 2 only
 - ☒ 3. 1 and 2 only
 - ☐ 4. 1 only

Q.16 Kharavela was an important ruler of which dynasty?

- Ans**
- ☐ 1. Gupta Dynasty
 - ☒ 2. Chedi Dynasty
 - ☐ 3. Vardhan Dynasty
 - ☐ 4. Sunga Dynasty

Q.17 The 11th Fundamental Duty to the Indian Constitution was added in the year _____ by the 86th Constitutional Amendment Act.

- Ans**
- ☐ 1. 2004
 - ☒ 2. 2002
 - ☐ 3. 2001
 - ☐ 4. 2000

Q.18 The cold subarctic climate region possesses forest lands having conifers as main vegetation. These forest lands are known as:

- Ans**
- ☐ 1. Mangrove
 - ☐ 2. Tundra
 - ☒ 3. Taiga
 - ☐ 4. Savanna

Q.19 Which of the following is an informal group consisting of 4 to 10 individuals who seek loans against mutual guarantee?

- Ans**
- ☒ 1. Joint liability group
 - ☐ 2. Grameen model bank
 - ☐ 3. Rural cooperatives
 - ☐ 4. Self-help group

Q.20 The national animal of Nepal is:

- Ans**
- ☒ 1. cow
 - ☐ 2. tiger
 - ☐ 3. snow leopard
 - ☐ 4. camel

Q.21 Who is the author of the historical fiction novel 'The Mauryan: The Legend of Ashoka'?

- Ans**
- ☐ 1. Sanjeev Sanyal
 - ☐ 2. Amish Tripathi
 - ☐ 3. Chetan Bhagat
 - ☒ 4. Komal Bhanver

Q.22 Who among the following elect(s) the presiding officer of the Vidhan Sabha in India?

- Ans**
- ☒ 1. Members of Vidhan Sabha
 - ☐ 2. Governor
 - ☐ 3. President
 - ☐ 4. Members of Vidhan Parishad

Q.23 Who has been appointed as the new Chief of the Special Protection Group (SPG) by the centre in November 2023?

- Ans**
- ☐ 1. Anil Kumar Dhasmana
 - ☐ 2. Rakesh Asthana
 - ☐ 3. Ashok Kumar Mishra
 - ☒ 4. Alok Sharma

Q.24 The major carbohydrate of milk is

- Ans**
- ☒ 1. lactose
 - ☐ 2. maltose
 - ☐ 3. starch
 - ☐ 4. Fructose

Q.25 Birju Maharaj is related to which of the following classical dance forms?

- Ans**
- ☒ 1. Kathak
 - ☐ 2. Garba
 - ☐ 3. Kathakali
 - ☐ 4. Bharatanatyam

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to fill in the blank.

The way Sonam performs live on stage can be called the _____ one.

- Ans**
- ☐ 1. perfectable
 - ☐ 2. mostly perfect
 - ☒ 3. most perfect
 - ☐ 4. more perfect

Q.2 Select the option that corrects the Phrasal Verb (appearing in bold letters) in the given sentence.

The burglars**broke off** my neighbour's house when they were away.

- Ans**
- ☐ 1. broke down
 - ☐ 2. broke with
 - ☒ 3. broke into
 - ☐ 4. broke away

Q.3 Select the most appropriate synonym of the underlined word in the given sentence.

He is a complete novice when it comes to driving a car.

- Ans**
- ☐ 1. Expert
 - ☒ 2. Amateur
 - ☐ 3. Swindler
 - ☐ 4. Zealous

Q.4 Select the most appropriate option to fill in the blank.

My brother plays the guitar _____ than I do.

- Ans**
- ☒ 1. better
 - ☐ 2. good
 - ☐ 3. well
 - ☐ 4. best

Q.5 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Ravi said that / his red jacket is / the cheaper than all other jackets.

- Ans**
- ☒ 1. the cheaper than all other jackets.
 - ☐ 2. No error
 - ☐ 3. his red jacket is
 - ☐ 4. Ravi said that

Q.6 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Whenever she is coming / here, she brings / many gifts for everyone.

- Ans**
- ☒ 1. many gifts for everyone.
 - ☒ 2. No Error
 - ☒ 3. here, she brings
 - ☒ 4. Whenever she is coming

Q.7 Select the most appropriate ANTONYM of the given word:

Grapple

- Ans**
- ☒ 1. Wrestle
 - ☒ 2. Release
 - ☒ 3. Clasp
 - ☒ 4. Grumble

Q.8 Select the meaningful and correctly spelt word from the given options to fill in the blank.

The oceans cover more than 70% of the Earth's surface, making them the largest _____ on the planet.

- Ans**
- ☒ 1. habitat
 - ☒ 2. habit
 - ☒ 3. habitude
 - ☒ 4. hybrid

Q.9 Select the most appropriate synonym of the underlined word in the following sentence.
Don't fight over such a trivial issue.

- Ans**
- ☒ 1. Complex
 - ☒ 2. Insignificant
 - ☒ 3. Tricky
 - ☒ 4. Controversial

Q.10 Select the most appropriate option to fill in the blank.
The assignment was _____ early in the morning.

- Ans**
- ☒ 1. doe
 - ☒ 2. due
 - ☒ 3. do
 - ☒ 4. dew

Q.11 Rectify the sentence by selecting the correct spelling from the options.
After the storm passed, the sun emarged from behind the clouds.

- Ans**
- ☒ 1. amarged
 - ☒ 2. emergad
 - ☒ 3. emerged
 - ☒ 4. amergad

Q.12 Select the most appropriate meaning of the given idiom.
Straight from the horse's mouth

- Ans**
- ☒ 1. Hearing something that is difficult to understand
 - ☒ 2. Hearing something coming from a horse's mouth
 - ☒ 3. Hearing something from a reliable and credible source
 - ☒ 4. Hearing something that is untrue or a lie

Q.13 Select the most appropriate option to fill in the blank.

The author's use of vivid imagery _____ the reader's senses, making the story come alive.

- Ans**
- ☒ 1. heightens
 - ☒ 2. actions
 - ☒ 3. dulls
 - ☒ 4. confuses

Q.14 Select the most appropriate option to fill in the blank.

He is an intelligent person who always thinks before he _____.

- Ans**
- ☒ 1. acts
 - ☐ 2. acting
 - ☐ 3. acted
 - ☐ 4. act

Q.15 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Bureaucracy
 - ☒ 2. Lieutnant
 - ☐ 3. Augment
 - ☐ 4. Rendezvous

Q.16 Select the most appropriate **ANTONYM** for the underlined word.

They want to bifurcate the states.

- Ans**
- ☐ 1. Divide
 - ☒ 2. Combine
 - ☐ 3. Examine
 - ☐ 4. Support

Q.17 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

My sister performed / brilliant / in the competition / yesterday.

- Ans**
- ☐ 1. yesterday
 - ☒ 2. brilliant
 - ☐ 3. my sister performed
 - ☐ 4. in the competition

Q.18 Select the appropriate option that can substitute the underlined word in the following sentence to make it grammatically correct.

Smart watches are the last gadgets used by younger generations.

- Ans**
- ☐ 1. later
 - ☐ 2. the later
 - ☒ 3. the latest
 - ☐ 4. latest

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution'.

The pineapple dessert was so delicious that we couldn't help eat it.

- Ans**
- ☒ 1. so delicious that we couldn't help eating it
 - ☐ 2. so that delicious we couldn't help eating it
 - ☐ 3. No substitution
 - ☐ 4. so delicious that we couldn't helping eat it

Q.20 Select the most appropriate meaning of the given idiom.

Straight from the horse's mouth

- Ans**
- ☐ 1. Rumours begin at home
 - ☐ 2. Giving no expression at all
 - ☒ 3. Directly from the person involved
 - ☐ 4. Directly eating from the provider

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank:

In the realm of literature, words are the (1) _____ of creation, and authors are the (2) _____ of meaning. They skillfully weave stories with (3) _____ narratives that can (4) _____ the depths of human emotion. A well-crafted novel can (5) _____ readers into its world, making them forget the passage of time.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. isolate
 - ☒ 2. tools
 - ☒ 3. mundane
 - ☒ 4. convey

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank:

In the realm of literature, words are the (1) _____ of creation, and authors are the (2) _____ of meaning. They skillfully weave stories with (3) _____ narratives that can (4) _____ the depths of human emotion. A well-crafted novel can (5) _____ readers into its world, making them forget the passage of time.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. keepers
 - ☒ 2. vibrators
 - ☒ 3. coward
 - ☒ 4. direction

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank:

In the realm of literature, words are the (1) _____ of creation, and authors are the (2) _____ of meaning. They skillfully weave stories with (3) _____ narratives that can (4) _____ the depths of human emotion. A well-crafted novel can (5) _____ readers into its world, making them forget the passage of time.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. defrost
 - ☒ 2. mundane
 - ☒ 3. vivid
 - ☒ 4. convey

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank:

In the realm of literature, words are the (1) _____ of creation, and authors are the (2) _____ of meaning. They skillfully weave stories with (3) _____ narratives that can (4) _____ the depths of human emotion. A well-crafted novel can (5) _____ readers into its world, making them forget the passage of time.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. sailor
 - ☒ 2. banker
 - ☒ 3. pilot
 - ☒ 4. teacher

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank:

In the realm of literature, words are the (1) _____ of creation, and authors are the (2) _____ of meaning. They skillfully weave stories with (3) _____ narratives that can (4) _____ the depths of human emotion. A well-crafted novel can (5) _____ readers into its world, making them forget the passage of time.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. install
 -  2. immerse
 -  3. isolate
 -  4. repel

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	12/11/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The average of the first, second and third observations is 39, while the average of the second, third and fourth observations is 35. If the fourth observation is $\frac{3}{5}$ times that of the first, then the value of the fourth observation is:

- Ans
- ☒ 1. 18
 - ☐ 2. 36
 - ☐ 3. 45
 - ☐ 4. 27

Q.2 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 6% per year rate of interest for 6 years.

- Ans
- ☐ 1. 1040
 - ☐ 2. 1020
 - ☐ 3. 1120
 - ☒ 4. 1080

Q.3 A's income and expenditure are in the ratio 5 : 4. If his total savings are ₹56,000, what is his expenditure in ₹?

- Ans
- ☒ 1. 2,24,000
 - ☐ 2. 4,42,000
 - ☐ 3. 2,44,000
 - ☐ 4. 2,42,000

Q.4 The circumference of the base of a cone is 66 cm and its height is 20 cm. Find the volume of the cone. (Use $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 2310 cu.cm
 - ☐ 2. 3087 cu.cm
 - ☐ 3. 465 cu.cm
 - ☐ 4. 2000 cu.cm

Q.5 Anith buys an item for ₹236.50 and sells it for ₹275.50. Find the profit percentage (rounded off to 2 decimal places).

- Ans
- ☐ 1. 16.94%
 - ☐ 2. 14.69%
 - ☐ 3. 15.5%
 - ☒ 4. 16.49%

Q.6 A man rows downstream 27 km and upstream 18 km, taking one hour each time. What is the speed of the current?

- Ans
- ☐ 1. 9 km/h
 - ☒ 2. 4.5 km/h
 - ☐ 3. 1.5 km/h
 - ☐ 4. 6 km/h

Q.7 A shopkeeper marked the price of a commodity at ₹37,000 more than the actual cost. If the shopkeeper allowed a 15% discount, it would fetch ₹ 7,500 more than if he allowed a 20% discount. Find the cost price.

- Ans**
- ☐ 1. ₹1,50,000
 - ☐ 2. ₹1,23,000
 - ☒ 3. ₹1,13,000
 - ☐ 4. ₹1,31,000

Q.8 If 5 litres of vinegar containing 20% of water is mixed with 10 litres of vinegar containing 5% of water, then what percentage of the new vinegar mixture is water?

- Ans**
- ☐ 1. 15%
 - ☒ 2. 10%
 - ☐ 3. 11.11%
 - ☐ 4. 20%

Q.9 If the cost price of a house is 86% of the selling price, then what is the profit percentage, correct up to two decimals?

- Ans**
- ☒ 1. 16.27%
 - ☐ 2. 13.22%
 - ☐ 3. 11.17%
 - ☐ 4. 14.07%

Q.10 What sum of money (in ₹) will produce ₹75 as simple interest in 4 years at $1\frac{1}{2}\%$ per annum?

- Ans**
- ☐ 1. 1,240
 - ☐ 2. 1,210
 - ☒ 3. 1,250
 - ☐ 4. 1,200

Q.11 If a reduction of 10% in the price of rice enables a person to obtain 22 kg more for ₹250, then the original price of the rice per kg is:
(correct to two decimal place)

- Ans**
- ☐ 1. ₹1.24
 - ☐ 2. ₹1.20
 - ☒ 3. ₹1.26
 - ☐ 4. ₹1.22

Q.12 The HCF of 28, 35 and 42 is:

- Ans**
- ☒ 1. 7
 - ☐ 2. 11
 - ☐ 3. 3
 - ☐ 4. 5

Q.13 A solid sphere of radius 12 cm is melted and cast into small spherical balls, each of diameter 2.4 cm. Find the number of balls thus obtained.

- Ans**
- ☐ 1. 980
 - ☐ 2. 500
 - ☐ 3. 1050
 - ☒ 4. 1000

Q.14 A man covers a total distance of 100 km on bicycle. For the first 2 h, the speed was 20 km/h and for the rest of the journey, it came down to 10 km/h. The average speed will be:

- Ans
- ☐ 1. 20 km/h
 - ☐ 2. $15\frac{1}{8}$ km/h
 - ☐ 3. 13 km/h
 - ☒ 4. $12\frac{1}{2}$ km/h

Q.15 The average age of a mother and her daughter is 42 years. The ratio of their ages is 9 : 5, respectively. Find the daughter's age (in years).

- Ans
- ☐ 1. 35
 - ☐ 2. 20
 - ☐ 3. 25
 - ☒ 4. 30

Q.16 Find the number of lead balls of diameter 4 cm each that can be made from a sphere of diameter 24 cm.

- Ans
- ☐ 1. 144
 - ☐ 2. 108
 - ☐ 3. 432
 - ☒ 4. 216

Q.17 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 3% per year rate of interest for 2 years.

- Ans
- ☒ 1. 150
 - ☐ 2. 190
 - ☐ 3. 90
 - ☐ 4. 110

Q.18 16 women can finish a task in 20 days and 20 men take 32 days to finish the same task. How many days will 8 women and 16 men take to finish the same task?

- Ans
- ☒ 1. 20
 - ☐ 2. 32
 - ☐ 3. 10
 - ☐ 4. 16

Q.19 Simplify the following.

$$\frac{\frac{1}{4} \div \frac{1}{4} \times \frac{1}{4}}{\frac{1}{4} \div \frac{1}{4} \text{ of } \frac{1}{4}} - \frac{1}{16}$$

- Ans
- ☐ 1. $\frac{1}{4}$
 - ☐ 2. -1
 - ☒ 3. 0
 - ☐ 4. 1

Q.20 A start from X at 9:00 A.M. and reaches Y at 1:00 P.M., on the same day, B also starts from Y at 9:00 A.M. and reaches X at 3:00 P.M. on the same day, following the same route as A. At what time do the two meet?

- Ans
- ☐ 1. 10:00 A.M.
 - ☐ 2. 11:12 A.M.
 - ☐ 3. 11:30 A.M.
 - ☒ 4. 11:24 A.M.

Q.1 In a certain code language, 'KIDS' is coded as '97&5' and 'DESK' is coded as 'R759'. What is the code for 'E' in the given code language?

- Ans**
- ☒ 1. R
 - ☐ 2. 7
 - ☐ 3. 9
 - ☐ 4. 5

Q.2 9 is related to 37 following a certain logic. Following the same logic, 3 is related to 13. To which of the following is 8 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 29
 - ☒ 2. 33
 - ☐ 3. 31
 - ☐ 4. 35

Q.3 In a certain code language, 'please fill this' is written as 'km tu dk' and 'this is book' is written as 'dk pu sy'. How is 'this' written in the given language?

- Ans**
- ☐ 1. tu
 - ☐ 2. km
 - ☐ 3. py
 - ☒ 4. dk

Q.4 Which two numbers should be interchanged to make the following equation correct?

$$(16 \div 4) \times 6 + 26 - 48 + 9 \times 8 = 154$$

(Note: Interchange should be done of the entire number and not individual digits of a given number.)

- Ans**
- ☐ 1. 6 and 9
 - ☒ 2. 16 and 48
 - ☐ 3. 26 and 48
 - ☐ 4. 4 and 8

Q.5 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

No bed is a chair.

No chair is table.

Conclusions:

(I) No bed is a table.

(II) Some tables may be chairs.

- Ans**
- ☐ 1. Only conclusion II follows
 - ☒ 2. Neither conclusion I nor II follows
 - ☐ 3. Only conclusion I follows
 - ☐ 4. Both conclusion I and II follow

Q.6 In a certain code language, 'BLAME' is coded as 'YOZNV' and 'GLAZE' is coded as 'TOZAV'. What is the code for 'PRAKASH' in the given code language?

- Ans**
- ☐ 1. KJZPZHS
 - ☐ 2. KIZQZHS
 - ☐ 3. KIZPZHT
 - ☒ 4. KIZPZHS

Q.7 Select the number from among the given options that can replace the question mark (?) in the following series.

13, 26, 39, 52, 65, ?

- Ans**
- ☒ 1. 78
 - ☐ 2. 77
 - ☐ 3. 80
 - ☐ 4. 79

Q.8 In a certain code language, 'COAT' is coded as '3571' and 'PAIN' is coded as '4238'.What is the code for 'A' in the given code language?

- Ans**
- ☐ 1. 2
 - ☐ 2. 7
 - ☐ 3. 8
 - ☒ 4. 3

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(11, 7, 67)
(10, 9, 80)

- Ans**
- ☒ 1. (19, 5, 85)
 - ☐ 2. (12, 9, 72)
 - ☐ 3. (12, 5, 72)
 - ☐ 4. (14, 2, 554)

Q.10 What will come in the place of the question mark (?) in the following equation, if '+' and 'x' are interchanged and '÷' and '-' are interchanged?

$18 \times 72 - 3 \div 2 + 11 = ?$

- Ans**
- ☒ 1. 20
 - ☐ 2. 24
 - ☐ 3. 32
 - ☐ 4. 31

Q.11 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). B is sitting third to the right of D. G is sitting second to the left of A. E is sitting to the immediate right of G. Only three people are sitting between E and C when counted from the left of E. C is not an immediate neighbour of A. The position of how many persons will remain unchanged except A if all the persons are arranged in the English alphabetical order in anti-clockwise direction, starting from A and keeping the position of A unchanged?

- Ans**
- ☒ 1. One
 - ☐ 2. None
 - ☐ 3. Three
 - ☐ 4. Two

Q.12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All wires are cables. Some wires are plants.

Conclusions: (I) At least some plants are cables.

(II) All cables are wires.

- Ans**
- ☐ 1. Only conclusion (II) follows
 - ☒ 2. Only conclusion (I) follows
 - ☐ 3. Neither conclusion (I) nor (II) follows
 - ☐ 4. Both conclusions (I) and (II) follow

Q.13 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). A sits second to the left of D, who is third to the left of E. C sits third to the right of G, who is not an immediate neighbour of E. B sits second to the right of G. What is the position of B with respect to C?

Ans  1. Immediate right
 2. Second to the right
 3. Immediate left
 4. Second to the left

Q.14 45 is related to 85 following a certain logic. Following the same logic, 63 is related to 121. To which of the following is 58 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

Ans  1. 111
 2. 101
 3. 106
 4. 116

Q.15 KINL is related to QOTR in a certain way based on the English alphabetical order. In the same way, NLQO is related to TRWU. To which of the following is PNSQ related, following the same logic?

Ans  1.
VTYW
 2. TVYW
 3. TVWY
 4. VTWY

Q.16 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
All cats are dogs.
No cat is a horse.
Conclusions:
(I): No dog is a horse.
(II): No horse is a cat.

Ans  1. Only conclusion I follows.
 2. Both conclusions I and II follow.
 3. Neither conclusion I nor II follows.
 4. Only conclusion II follows.

Q.17 WGQA is related to XHRB in a certain way based on the English alphabetical order. In the same way, HRBL is related to ISCM. To which of the following is GQAK related, following the same logic?

Ans  1. HTBM
 2. HRKM
 3. HRBL
 4. HRBM

Q.18 What should come in place of '?' in the given series?
15, 22, 33, 60, 151, ?

Ans  1. 440
 2. 498
 3. 425
 4. 449

Q.19 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
AAA, BCD, CEG, DGJ, ?

Ans  1. EIM
 2. FGK
 3. FIK
 4. EHN

Q.20 UNTO is related to RKQL in a certain way based on the English alphabetical order. In the same way, QJPK is related to NGMH. To which of the following is NGMH related following the same logic?

- Ans**
-  1. DKEJ
 -  2. KDJE
 -  3. KDEJ
 -  4. DKJE

Section : **General Awareness**

Q.1 Indian classical singer, Kesarbai Kerkar belonged to which of the following gharanas?

- Ans**
-  1. Delhi gharana
 -  2. Benaras gharana
 -  3. Jaipur-Atrauli gharana
 -  4. Agra gharana

Q.2 The president of which country was the chief guest at the Indian Republic Day Ceremony of 2023?

- Ans**
-  1. Egypt
 -  2. Sudan
 -  3. Lebanon
 -  4. Morocco

Q.3 Match the columns.

	Column-A(Nutrients)		Column-B(Source)
i.	Protein rich diet	a.	Glucose and other sugars
ii.	Fat rich diet	b.	Citrus fruits
iii.	Carbohydrate rich diet	c.	Egg white and red meat
iv.	Vitamin C rich diet	d.	Butter and cheese

- Ans**
-  1. i-c, ii-d, iii-a, iv-b
 -  2. i-c, ii-d, iii-b, iv-a
 -  3. i-c, ii-a, iii-b, iv-d
 -  4. i-d, ii-c, iii-b, iv-a

Q.4 The Talcher Thermal Power Station is located in which state?

- Ans**
-  1. Rajasthan
 -  2. Odisha
 -  3. Bihar
 -  4. Andhra Pradesh

Q.5 Which of the following groups of organisms are more vulnerable to the acidification of ocean?

- Ans**
-  1. Marine algae
 -  2. Calcifying organisms
 -  3. Marine mammals
 -  4. Marine reptiles

Q.6 At which of the following places the written form of teachings of Jainism in which they are presently available, were written around 1500 years ago?

- Ans**
-  1. Pataliputra
 -  2. Valabhi
 -  3. Mathura
 -  4. Shravanabelagola

Q.7 The Kamakshi Saunsthan temple of Goa is crowned with the _____ two-storied tower and with a golden Kalash perched on its Shikhar.

- Ans**
- ☐ 1. pentagonal
 - ☐ 2. circular
 - ☒ 3. octagonal
 - ☐ 4. hexagonal

Q.8 In February 2023, which Indian-American was appointed as the CEO of YouTube?

- Ans**
- ☐ 1. Vivek Ramaswamy
 - ☐ 2. Anjali Sud
 - ☐ 3. Satya Nadella
 - ☒ 4. Neal Mohan

Q.9 To remain healthy and disease free, taking a balanced diet is very important. A balanced diet is:

- Ans**
- ☐ 1. a diet that contains adequate amount of carbohydrates
 - ☒ 2. a diet that contains sufficient amount of all the nutrients that the human body needs to grow properly
 - ☐ 3. a diet that contains appreciable number of vitamins and minerals
 - ☐ 4. a diet that contains adequate amount of protein and fat

Q.10 The title of 'Chief of the Merchants' or 'Malikut-Tujjar' was conferred on Mahmud Gawan by which of the following Bahamani kings?

- Ans**
- ☐ 1. NizamuddinAhmad III
 - ☒ 2. Humayun Shah
 - ☐ 3. Bahman Shah
 - ☐ 4. Mohammad Shah

Q.11 In which city was the 141st session of the International Olympic Committee (IOC) inaugurated in India?

- Ans**
- ☐ 1. Delhi
 - ☒ 2. Mumbai
 - ☐ 3. Chennai
 - ☐ 4. Prayagraj

Q.12 Which element is located in Group 18 of the periodic table and is known for its lack of chemical reactivity?

- Ans**
- ☐ 1. Fluorine
 - ☒ 2. Helium
 - ☐ 3. Oxygen
 - ☐ 4. Chlorine

Q.13 Which of the following is the zonal headquarter of North Eastern Railway?

- Ans**
- ☐ 1. Hubli
 - ☐ 2. Kolkata
 - ☐ 3. Allahabad
 - ☒ 4. Gorakhpur

Q.14 Who among the following Indian leaders was the first member to be elected to the British Parliament?

- Ans**
- ☐ 1. Lala Hardayal
 - ☒ 2. Dadabhai Naoroji
 - ☐ 3. Bhikaji Cama
 - ☐ 4. Motilal Nehru

Q.15 Which of the following Indian classical dance forms was developed by Siddhendra Yogi?

- Ans**
- ☐ 1. Dandiya
 - ☐ 2. Kathakali
 - ☒ 3. Kuchipudi
 - ☐ 4. Kathak

Q.16	The Ananda Pagoda is a famous festival of which neighbouring country of India?
Ans	✗ 1. Afghanistan ✓ 2. Myanmar ✗ 3. Maldives ✗ 4. Pakistan
Q.17	National Sickle Cell Anaemia Elimination Programme, introduced in the Union Budget 2023, aims to eliminate sickle cell genetic transmission by the year _____.
Ans	✗ 1. 2045 ✗ 2. 2049 ✓ 3. 2047 ✗ 4. 2040
Q.18	Pradhan Mantri MUDRA Yojana (PMMY) is a scheme launched in 2015 for providing loans up to _____ lakh to the non-corporate, non-farm small/micro enterprises.
Ans	✗ 1. 2 ✓ 2. 10 ✗ 3. 5 ✗ 4. 8
Q.19	The SEWA Cooperative Bank was first initiated in _____ in the year _____.
Ans	✗ 1. Varanasi; 1984 ✓ 2. Ahmedabad; 1974 ✗ 3. Varanasi; 1974 ✗ 4. Ahmedabad; 1984
Q.20	Which of the following autobiographies is written by the former Indian Judge Leila Seth?
Ans	✗ 1. Challenges of Governance: An Insider's View ✓ 2. On Balance: An Autobiography ✗ 3. In Pursuit of Justice: An Autobiography ✗ 4. Justice for the Judge: An Autobiography
Q.21	In which year did Guru Indira PP Bora receive the Padma Shri Award?
Ans	✓ 1. 2020 ✗ 2. 2021 ✗ 3. 2018 ✗ 4. 2019
Q.22	In which Indian city is the DY Patil Cricket Stadium located?
Ans	✓ 1. Navi Mumbai ✗ 2. Pune ✗ 3. Aurangabad ✗ 4. Nashik
Q.23	Which Article of the Constitution of India deals with the composition of the Legislative Council?
Ans	✓ 1. Article 171 ✗ 2. Article 169 ✗ 3. Article 181 ✗ 4. Article 168
Q.24	During which of the following Prime Ministers' leadership were Fundamental Duties incorporated in the Indian Constitution?
Ans	✗ 1. Jawahar Lal Nehru ✓ 2. Indira Gandhi ✗ 3. Atal Bihari Vajpai ✗ 4. Lal Bahadur Shastri

Q.25 Who among the following signed the Treaty of Allahabad in August 1765 with the Nawab of Awadh and Shah Alam II, the Mughal Emperor?

- Ans**
- ☒ 1. Robert Clive
 - ☐ 2. Earl Mountbatten
 - ☐ 3. William Bentick
 - ☐ 4. Warren Hastings

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to fill in the blank.

I am thinking about colouring my _____.

- Ans**
- ☐ 1. hare
 - ☐ 2. air
 - ☒ 3. hair
 - ☐ 4. heir

Q.2 Select the most appropriate ANTONYM of the underlined word in the given sentence.

I concur with the decision of our principal, when he says that students who display indiscipline should be dismissed from the institute irrespective of their academic achievements.

- Ans**
- ☐ 1. coincide
 - ☒ 2. differ
 - ☐ 3. credit
 - ☐ 4. promote

Q.3 Select the meaningful and correctly spelt word from the given options to fill in the blank.

Regular physical exercise improves cardiovascular health, reducing the risk of heart disease and _____.

- Ans**
- ☐ 1. stock
 - ☐ 2. struck
 - ☒ 3. stroke
 - ☐ 4. strike

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
She speaks / so soft that / hardly anyone / can hear her.

- Ans**
- ☐ 1. hardly anyone
 - ☐ 2. can hear her
 - ☐ 3. She speaks
 - ☒ 4. so soft that

Q.5 Select the most appropriate synonym of the given word.
Entangle

- Ans**
- ☐ 1. Engross
 - ☐ 2. Enlarge
 - ☒ 3. Trap
 - ☐ 4. Intrude

Q.6 Select the most appropriate ANTONYM of the given word.

spontaneous

- Ans**
- ☐ 1. dirty
 - ☐ 2. separate
 - ☒ 3. deliberate
 - ☐ 4. scarce

Q.7 Select the INCORRECTLY spelt word..

- Ans**
- ☒ 1. Particulate
 - ☒ 2. Stubbal
 - ☒ 3. Outsource
 - ☒ 4. Taciturn

Q.8 Select the most appropriate option to fill in the blank.

While the stock market experiences volatility, financial analysts _____ market trends and provide investment advice.

- Ans**
- ☒ 1. monitor
 - ☒ 2. have monitored
 - ☒ 3. were monitored
 - ☒ 4. monitored

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

After school, we / went home and / told our respective parents / off the incident.

- Ans**
- ☒ 1. off the incident
 - ☒ 2. told our respective parents
 - ☒ 3. After school, we
 - ☒ 4. went home and

Q.10 Select the option that will improve the underlined part of the given sentence.

Ritu was still standing in the queue when the film was starting.

- Ans**
- ☒ 1. film starts
 - ☒ 2. film had began
 - ☒ 3. film begins
 - ☒ 4. film started

Q.11 Select the most appropriate meaning of the given idiom.

To look black

- Ans**
- ☒ 1. To cry bitterly
 - ☒ 2. To give an approving expression
 - ☒ 3. To roll on ice
 - ☒ 4. To seem unfavourable

Q.12 Select the most appropriate idiom that can substitute the underlined segment in the given sentence.

After the long and tedious project, Sarah felt like she was at the limit of her patience.

- Ans**
- ☒ 1. finishing line
 - ☒ 2. tip of the iceberg
 - ☒ 3. crossroads
 - ☒ 4. end of her rope

Q.13 Select the grammatically correct sentence from the given options.

- Ans**
- ☒ 1. Since yesterday, the policeman had been waiting for the woman to take the details of the case.
 - ☒ 2. Since yesterday, the policeman had been waiting for a woman to take a details of the case.
 - ☒ 3. Since yesterday, a policeman had been waiting for a woman to take the details of the case.
 - ☒ 4. Since yesterday, the policeman had been waiting for the woman to take a details of a case.

Q.14 Select the most appropriate expression that can substitute the underlined words in the given sentence.

The watchman tried every possible way to catch the thief of the hostel.

- Ans**
- ☒ 1. explored every avenue
 - ☒ 2. cut the cackle
 - ☒ 3. called it a day
 - ☒ 4. arrived at the eleventh hour

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I have made / the cupcakes, so / please hand out them / to me.

A

B

C

D

- Ans
- ☒ 1. D
 - ☒ 2. B
 - ☒ 3. C
 - ☒ 4. A

Q.16 Select the correct spelling of the underlined word in the given sentence.

Sometimes, the nicknames of children, given to them by their loved ones in childhood, give them a true sense of embarrasment, especially when they are called by those names in front of others.

- Ans
- ☒ 1. embarrassment
 - ☒ 2. embrassment
 - ☒ 3. emberressment
 - ☒ 4. embarresmint

Q.17 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options. Select the correct alternative.
We never expected most from her.

- Ans
- ☒ 1. little
 - ☒ 2. much
 - ☒ 3. many
 - ☒ 4. more

Q.18 Select the most appropriate option that can substitute the highlighted word(s) in the given sentence.

One must not be proud of his achievements.

- Ans
- ☒ 1. off his achievements
 - ☒ 2. for one's achievements
 - ☒ 3. of one's achievements
 - ☒ 4. by his achievements

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

My manager thanked the staff for there continued dedication and support.

- Ans
- ☒ 1. No substitution required
 - ☒ 2. for they're continued
 - ☒ 3. for there continuous
 - ☒ 4. for their continued

Q.20 Select the most appropriate ANTONYM of the highlighted word in the given sentence.
The company faced a downturn in profits due to economic uncertainties.

- Ans
- ☒ 1. Surge
 - ☒ 2. Decline
 - ☒ 3. Plunge
 - ☒ 4. Recession

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Westminster Abbey's 1. _____ was one of Edward the Confessor's greatest accomplishments as king of England from 1042 to 1066. Edward was King Ethelred's son and he had a lot of pressure as his father was known to be an incompetent ruler. The Danes drove Edward from England, and he lived in exile in Normandy. According to legend, Edward promised that if he could make it back to his realm in safety, he would travel to St. Peter's in Rome. Upon his return and 2. _____ in Winchester in 1042, he discovered that he could not abandon his subjects. He was freed from his pledge by the Pope, but only if he established or 3. _____ a monastery dedicated to St. Peter. As a result, Westminster Abbey was constructed in the Norman 4. _____. He believed that London was not the 5. _____ place to build the Minster. Hence, a location known as 'Westminster' was discovered to be to the west of the metropolis.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. arrangement
 - ☒ 2. configuration
 - ☒ 3. construction
 - ☒ 4. geometry

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Westminster Abbey's 1. _____ was one of Edward the Confessor's greatest accomplishments as king of England from 1042 to 1066. Edward was King Ethelred's son and he had a lot of pressure as his father was known to be an incompetent ruler. The Danes drove Edward from England, and he lived in exile in Normandy. According to legend, Edward promised that if he could make it back to his realm in safety, he would travel to St. Peter's in Rome. Upon his return and 2. _____ in Winchester in 1042, he discovered that he could not abandon his subjects. He was freed from his pledge by the Pope, but only if he established or 3. _____ a monastery dedicated to St. Peter. As a result, Westminster Abbey was constructed in the Norman 4. _____. He believed that London was not the 5. _____ place to build the Minster. Hence, a location known as 'Westminster' was discovered to be to the west of the metropolis.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. inauguration
 - ☒ 2. coronation
 - ☒ 3. personification
 - ☒ 4. dethronement

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Westminster Abbey's 1. _____ was one of Edward the Confessor's greatest accomplishments as king of England from 1042 to 1066. Edward was King Ethelred's son and he had a lot of pressure as his father was known to be an incompetent ruler. The Danes drove Edward from England, and he lived in exile in Normandy. According to legend, Edward promised that if he could make it back to his realm in safety, he would travel to St. Peter's in Rome. Upon his return and 2. _____ in Winchester in 1042, he discovered that he could not abandon his subjects. He was freed from his pledge by the Pope, but only if he established or 3. _____ a monastery dedicated to St. Peter. As a result, Westminster Abbey was constructed in the Norman 4. _____. He believed that London was not the 5. _____ place to build the Minster. Hence, a location known as 'Westminster' was discovered to be to the west of the metropolis.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. decorate
 - ☒ 2. fix
 - ☒ 3. renovation
 - ☒ 4. update

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Westminster Abbey's 1. _____ was one of Edward the Confessor's greatest accomplishments as king of England from 1042 to 1066. Edward was King Ethelred's son and he had a lot of pressure as his father was known to be an incompetent ruler. The Danes drove Edward from England, and he lived in exile in Normandy. According to legend, Edward promised that if he could make it back to his realm in safety, he would travel to St. Peter's in Rome. Upon his return and 2. _____ in Winchester in 1042, he discovered that he could not abandon his subjects. He was freed from his pledge by the Pope, but only if he established or 3. _____ a monastery dedicated to St. Peter. As a result, Westminster Abbey was constructed in the Norman 4. _____. He believed that London was not the 5. _____ place to built the Minster. Hence, a location known as 'Westminster' was discovered to be to the west of the metropolis.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. style
 - ☐ 2. dub
 - ☐ 3. label
 - ☐ 4. designate

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Westminster Abbey's 1. _____ was one of Edward the Confessor's greatest accomplishments as king of England from 1042 to 1066. Edward was King Ethelred's son and he had a lot of pressure as his father was known to be an incompetent ruler. The Danes drove Edward from England, and he lived in exile in Normandy. According to legend, Edward promised that if he could make it back to his realm in safety, he would travel to St. Peter's in Rome. Upon his return and 2. _____ in Winchester in 1042, he discovered that he could not abandon his subjects. He was freed from his pledge by the Pope, but only if he established or 3. _____ a monastery dedicated to St. Peter. As a result, Westminster Abbey was constructed in the Norman 4. _____. He believed that London was not the 5. _____ place to built the Minster. Hence, a location known as 'Westminster' was discovered to be to the west of the metropolis.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. appropriate
 - ☐ 2. allot
 - ☐ 3. annex
 - ☐ 4. seize

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	12/11/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 એક ચૂંટણીમાં ગીતા અને શ્યામા એમ બે જ ઉમેદવારો હતા. ગીતાને કુલ મતોના 15 ટકા અને શ્યામાને 8700 મત મળ્યા હતા. 60 ટકા ઉમેદવારોએ બેમાંથી એકેય ઉમેદવારને પોતાનો મત આપ્યો ન હતો. શ્યામાને મળેલા મતોની કુલ ટકાવારી શોધો, એમ માનીને કે બધા જ મત માન્ય છે.

- Ans
- ☒ 1. 24%
 - ☒ 2. 23%
 - ☒ 3. 25%
 - ☒ 4. 22%

Q.2 એક હોસ્પિટલમાં, 60% દર્દીઓ પુરુષો છે, 25% દર્દીઓ સ્ત્રીઓ છે, અને 15% દર્દીઓ બાળકો છે. જો પુરુષોની સરેરાશ ઉંમર 40 વર્ષ, સ્ત્રીઓની ઉંમર 36 વર્ષ અને બાળકોની ઉંમર 8 વર્ષ હોય, તો બધા દર્દીઓની સરેરાશ ઉંમર કેટલી છે?

- Ans
- ☒ 1. 24.3 વર્ષ
 - ☒ 2. 23.4 વર્ષ
 - ☒ 3. 32.4 વર્ષ
 - ☒ 4. 34.2 વર્ષ

Q.3 એક લંબવૃત્તીય નળાકારની વક્ર સપાટીને રંગવાની છે. રંગવાનો દર પ્રતિ sq.cm ₹1.50 છે. વર્તુળાકાર પાયાની ત્રિજ્યા 21 cm અને ઊંચાઈ 10 cm હોય, તો રંગવાનો અર્થ (₹ માં) કેટલો થશે? ($\pi = \frac{22}{7}$ લો)

- Ans
- ☒ 1. 1960
 - ☒ 2. 2000
 - ☒ 3. 1980
 - ☒ 4. 1940

Q.4 મિહિર ₹70માં એક રમકડું ખરીદે છે અને તેને ₹90માં વેચે છે. તેના નફાની ટકાવારી કેટલી છે?

- Ans
- ☒ 1. 35.62%
 - ☒ 2. 28.57%
 - ☒ 3. 25.25%
 - ☒ 4. 20%

Q.5 દર વર્ષે 3% વ્યાજ દરે 3 વર્ષ માટે ઉધાર લીધેલી રકમ ₹2500 પરનું સાદું વ્યાજ (₹ માં) શોધો.

- Ans
- ☒ 1. 165
 - ☒ 2. 265
 - ☒ 3. 225
 - ☒ 4. 185

Q.6 નીચે આપેલ ક્રોષ્ટક ચાર જુદા-જુદા મહિનામાં ચાર જુદી-જુદી બેંકરીઓ દ્વારા વેચાયેલી પેસ્ટ્રીની સંખ્યા દર્શાવે છે.

બેંકરી / મહિનો	એપ્રિલ	મે	જૂન	જુલાઈ
X	640	665	962	748
Y	584	782	456	698
Z	612	498	729	621
T	771	630	568	777

જૂનમાં, બેંકરી X અને બેંકરી T દ્વારા મળીને વેચાતી કુલ પેસ્ટ્રીની સંખ્યા અને એપ્રિલમાં બેંકરી Y અને બેંકરી Z દ્વારા વેચાયેલી પેસ્ટ્રીની સંખ્યા વચ્ચે શું તફાવત છે?

- Ans
- ☒ 1. 374
 - ☒ 2. 314
 - ☒ 3. 334
 - ☒ 4. 354

Q.7 લંબવૃત્તીય ગોળાકાર શંકુના પાયાની ત્રિજ્યા 28 cm છે અને તેની ગ્રાંસી ઊંચાઈ 13 cm છે. તેની બાજુની સપાટીનું ક્ષેત્રફળ શોધો. ($\pi = \frac{22}{7}$ નો ઉપયોગ કરો)

- Ans
- ☒ 1. 1144 cm^2
 - ☐ 2. 1122 cm^2
 - ☐ 3. 1140 cm^2
 - ☐ 4. 1044 cm^2

Q.8 હર્ષાએ ગણિત, ભૌતિકશાસ્ત્ર અને રસાયણશાસ્ત્રમાં અનુક્રમે 72, 63 અને 81 ગુણ (100માંથી) મેળવ્યા છે. તેના ગુણની સરેરાશ કેટલી છે?

- Ans
- ☐ 1. 84
 - ☒ 2. 72
 - ☐ 3. 81
 - ☐ 4. 63

Q.9 એક વર્ગની પરીક્ષામાં 30 વિદ્યાર્થીઓ (માત્ર છોકરાઓ અને છોકરીઓ)નો સરેરાશ સ્કોર 16.2 હતો અને તે જ પરીક્ષામાં 18 છોકરાઓનો સ્કોર 16 હતો. આ જ પરીક્ષામાં છોકરીઓનો સરેરાશ સ્કોર હતો.

- Ans
- ☐ 1. 16.1
 - ☐ 2. 16.7
 - ☒ 3. 16.5
 - ☐ 4. 16.3

Q.10 શોરૂમમાં મોબાઈલ ફોનની ચિલ્લિત કિંમત ₹25,000 છે અને તે 20%, 15% અને 10% ના ક્રમિક ડિસ્કાઉન્ટ પર વેચાય છે. તેની વેચાણ કિંમત શોધો.

- Ans
- ☒ 1. ₹15,300
 - ☐ 2. ₹14,960
 - ☐ 3. ₹14,000
 - ☐ 4. ₹15,000

Q.11 બે ટ્રેનો એક જ સમયે બે સ્ટેશનોથી ઉપડે છે અને અનુક્રમે 120 km/hr અને 80 km/hrની ઝડપે એકબીજા તરફ આગળ વધે છે. જ્યારે તેઓ મળે છે, ત્યારે જાણવા મળે છે કે એક ટ્રેને બીજા ટ્રેન કરતા 60 km વધુ મુસાફરી કરી છે. બે સ્ટેશનો વચ્ચેનું અંતર (km માં) કેટલું છે?

- Ans
- ☐ 1. 268
 - ☒ 2. 300
 - ☐ 3. 387
 - ☐ 4. 452

Q.12 સાદા વ્યાજની રકમ ત્રણ વર્ષમાં ₹2,500 અને પાંચ વર્ષમાં ₹3,000 જેટલી થાય છે. તો તેનો વ્યાજ દર શું છે? (બે દશાંશ સ્થાન સુધીની સંખ્યા)

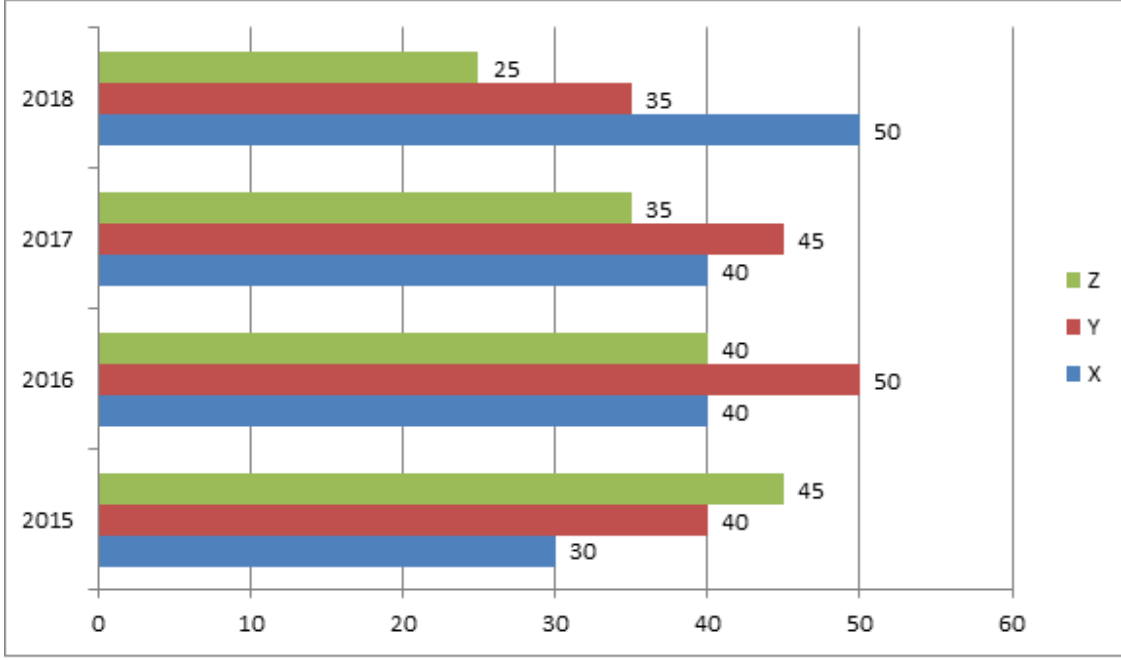
- Ans
- ☐ 1. 14.25%
 - ☐ 2. 15%
 - ☐ 3. 13.56%
 - ☒ 4. 14.29%

Q.13 120 km/hની ઝડપે મુસાફરી કરી રહેલો એક પોલીસકર્મી તેનાથી 5000 મીટર દૂર દેખાતા ચોરનો પીછો કરે છે અને 100 km/hની ઝડપે મુસાફરી કરે છે. પોલીસકર્મીને ચોરને પકડવામાં કેટલો સમય લાગ્યો?

- Ans
- ☒ 1. 15 મિનિટ
 - ☐ 2. 10 મિનિટ
 - ☐ 3. 13.5 મિનિટ
 - ☐ 4. 20 મિનિટ

Q.14 આપેલ સ્તંભ આલેખનો કાળજીપૂર્વક અભ્યાસ કરો અને ત્યાર પછીના પ્રશ્નનો જવાબ આપો.

નીચે આપેલ બાર ગ્રાફ 2015 થી 2018 ના વર્ષોમાં 3 જુદી જુદી કંપનીઓ X, Y અને Z દ્વારા કાગળના ઉત્પાદન (લાખ ટનમાં) ની માહિતી આપે છે.
કાગળનું ઉત્પાદન (લાખ ટનમાં)



કયા વર્ષે કંપની Y ના ઉત્પાદનની ટકાવારી કંપની Z ના ઉત્પાદનમાં સૌથી વધુ હતી?

- Ans
- ☒ 1. 2015
 - ☒ 2. 2016
 - ☒ 3. 2018
 - ☒ 4. 2017

Q.15 ₹3500 પર 6 વર્ષ માટે વાર્ષિક 6% વ્યાજ દરે ઉછીના લીધેલ રકમનું સાદું વ્યાજ (₹માં) શોધો.

- Ans
- ☒ 1. 1260
 - ☒ 2. 1220
 - ☒ 3. 1300
 - ☒ 4. 1200

Q.16 એક સ્પીકરની ચિહ્નિત કિંમત ₹520 છે અને દુકાનદાર તેના પર 10% નું ડિસ્કાઉન્ટ આપે છે અને તેમ છતાં તેને 17%નો ફાયદો થાય છે. જો કોઈ ડિસ્કાઉન્ટ આપવામાં ન આવે, તો લાભની ટકાવારી કેટલી છે તે શોધો.

- Ans
- ☒ 1. 30%
 - ☒ 2. 20%
 - ☒ 3. 27%
 - ☒ 4. 25%

Q.17 $(6 - 2\sqrt{2})$ અને $(9 + 3\sqrt{2})$ વચ્ચેનું મધ્યમ પ્રમાણપદ શું છે?

- Ans
- ☒ 1. $\sqrt{52}$
 - ☒ 2. $\sqrt{54}$
 - ☒ 3. $\sqrt{66}$
 - ☒ 4. $\sqrt{42}$

Q.18 એક કંપનીના 5 અધિકારીઓ સહિત તમામ 50 કર્મચારીઓનો સરેરાશ પગાર ₹855 છે. જો અધિકારીઓનો સરેરાશ પગાર ₹2,550 છે, તો કંપનીના બાકીના કર્મચારીઓનો સરેરાશ પગાર શોધો. (નજીકની પૂર્ણાંક સંખ્યા.)

- Ans
- ☐ 1. ₹637
 - ☐ 2. ₹677
 - ☐ 3. ₹657
 - ☒ 4. ₹667

Q.19 એક નળાકાર થાંભલાની ઊંચાઈ 20 m છે. તેના પાયાનો વ્યાસ 350 cm છે. $40/\text{m}^2$ ના દરે થાંભલાની વજન સપાટીને રંગવાનો ખર્ચ કેટલો થશે? ($\pi = \frac{22}{7}$)

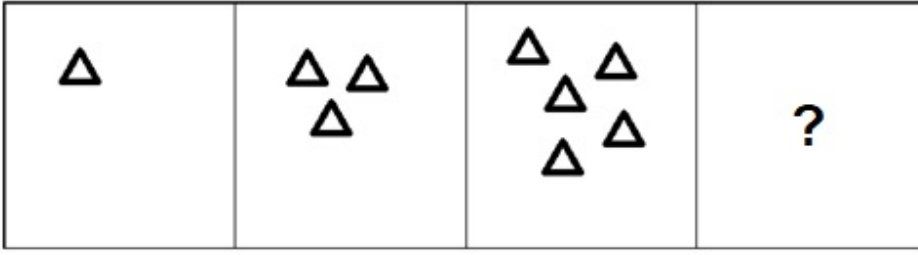
- Ans
- ☐ 1. ₹8,000
 - ☐ 2. ₹8,600
 - ☒ 3. ₹8,800
 - ☐ 4. ₹8,400

Q.20 HCF (ગુ.સા.અ) ની અવયવ પદ્ધતિનો ઉપયોગ કરીને, નીચેનામાંથી કયો 160 અને 256નો HCF (ગુ.સા.અ) છે?

- Ans
- ☐ 1. 64
 - ☐ 2. 40
 - ☐ 3. 16
 - ☒ 4. 32

Section : Reasoning Ability and Problem Solving

Q.1 નીચે આપેલ વિકલ્પોમાંથી એવી આકૃતિ પસંદ કરો કે જે નીચેની શ્રેણીમાં પ્રશ્ન ચિહ્ન (?)નું સ્થાન લઈ શકે.



Ans

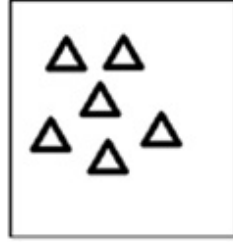
✗ 1.



✗ 2.



✗ 3.



✓ 4.



Q.2 અંગ્રેજી મૂળાક્ષરોના ક્રમના આધારે TW21 ચોક્કસ રીતે ZC66 સાથે સંબંધિત છે. એ જ રીતે, UX33 એ AD78 સાથે સંબંધિત છે. સમાન તર્કને અનુસરીને MP45 નીચેનામાંથી કોની સાથે સંબંધિત છે?

- Ans
- ✗ 1. SV80
 - ✗ 2. VS80
 - ✓ 3. SV90
 - ✗ 4. VS90

Q.3 11 એ ચોક્કસ તર્કને અનુસરીને 78 સાથે સંબંધિત છે. સમાન તર્કને અનુસરીને, 6 એ 43 સાથે સંબંધિત છે. સમાન તર્કને અનુસરીને નીચેનામાંથી 31 કોની સાથે સંબંધિત છે?

(નોંધ: સંખ્યાઓને તેના ઘટક અંકોમાં વિભાજિત કર્યા વિના, પૂર્ણ સંખ્યાઓ પર ક્રિયાઓ કરવી જોઈએ. દા.ત. 13 - 13 પરની ક્રિયાઓ જેમ કે 13માં ઉમેરો/ બાદબાકી/ગુણાકાર વગેરે કરી શકાય છે. 13 ને 1 અને 3 માં અલગ કરીને અને પછી 1 અને 3 પર ગાણિતિક ક્રિયા કરવાની મંજૂરી નથી)

- Ans
- ✗ 1. 159
 - ✗ 2. 249
 - ✗ 3. 145
 - ✓ 4. 218

Q.4	એક ચોક્કસ સાંક્રેતિક ભાષામાં, 'let us go' ને 'ck ru tb' અને 'please go away' ને 'tb mg du' તરીકે કોડ કરવામાં આવે છે. આપેલ સાંક્રેતિક ભાષામાં 'go' ને કેવી રીતે કોડ કરવામાં આવશે?
Ans	1. ru 2. du 3. mg 4. tb
Q.5	એક ચોક્કસ સાંક્રેતિક ભાષામાં, 'gre pul sep' નો અર્થ 'eat the sofa', 'pul pra sem' નો અર્થ 'clear my sofa' અને 'gre boi nad' નો અર્થ 'the great river' થાય છે. સમાન સાંક્રેતિક ભાષામાં 'the' માટેનો કોડ શું છે?
Ans	1. sep 2. pul 3. nad 4. gre
Q.6	આપેલા વિધાનો અને તારણોને ધ્યાનપૂર્વક વાંચો. આપેલા વિધાનોને સાચા છે એવું માની લેવાનું છે, બલે તેઓ સામાન્ય રીતે જાણીતા તથ્યોથી અલગ જણાતા હોય. બધા તારણો વાંચો અને પછી નક્કી કરો કે આપેલા તારણોમાંથી કયું તારણ આપેલા વિધાન/વિધાનોને તાર્કિક રીતે અનુસરે છે. વિધાનો: કોઈ સૂર્યમુખી લીલી નથી. કોઈ લીલી એ ગુલાબ નથી. તારણો: (I) કોઈ સૂર્યમુખી ગુલાબ નથી. (II) કોઈ ગુલાબ લીલી નથી.
Ans	1. ન તો તારણ I કે ન તો તારણ II અનુસરે છે. 2. માત્ર તારણ II અનુસરે છે. 3. બંને તારણ I અને તારણ II અનુસરે છે. 4. માત્ર તારણ I અનુસરે છે.
Q.7	એક ચોક્કસ કોડ ભાષામાં, 'KITE' ને 'PRGV' તરીકે લખવામાં આવે છે અને 'MARBLE' ને 'NZIYOV' તરીકે લખવામાં આવે છે. તે ભાષામાં 'DOLPHIN' ને કેવી રીતે લખાશે?
Ans	1. WMOKSRM 2. XLOKSRM 3. WLOKSRM 4. XMOKSRM
Q.8	આપેલ શ્રેણીમાં પ્રશ્ન ચિહ્ન (?) ની જગ્યાએ શું આવવું જોઈએ? 6 16 27 39 52 ?
Ans	1. 64 2. 67 3. 65 4. 66
Q.9	જો '+' અને '-' ની અદલાબદલી કરવામાં આવે અને 'x' અને '÷' ની અદલાબદલી કરવામાં આવે તો નીચેના સમીકરણમાં (?) ની જગ્યાએ શું આવશે? $7 + 8 - 24 \times 6 \div 3 = ?$
Ans	1. 11 2. 8 3. 16 4. 15
Q.10	એક કોડ ભાષામાં, 'VGAL' ને કોડમાં 'BEGJ' કહેવાય છે અને 'XQEB' ને કોડમાં 'DOKZ' કહેવાય છે. તે ભાષામાં 'HTSO' ને કોડમાં શું કહેવાશે?
Ans	1. MSZK 2. MRZL 3. NQYL 4. NRYM

Q.11 આપેલા વિધાનો અને તારણોને ધ્યાનપૂર્વક વાંચો. આપેલા વિધાનોને સાચા છે એવું માની લેવાનું છે, બલે તેઓ સામાન્ય રીતે જાણીતા તથ્યોથી અલગ જણાતા હોય. બધા તારણો વાંચો અને પછી નક્કી કરો કે આપેલા તારણોમાંથી કયું તારણ આપેલા વિધાન/વિધાનોને તાર્કિક રીતે અનુસરે છે.

વિધાનો:

બધી શાળાઓ કોલજો છે. કોઈ કોલેજ યુનિવર્સિટી નથી.

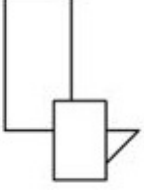
તારણો:

(I): કોઈ શાળા યુનિવર્સિટી નથી.

(II): તમામ કોલેજો શાળાઓ છે.

- Ans
- ✗ 1. બંને તારણ I અને II અનુસરે છે.
 - ✗ 2. માત્ર તારણ II અનુસરે છે.
 - ✓ 3. માત્ર તારણ I અનુસરે છે.
 - ✗ 4. ન તો તારણ I કે ન તો II અનુસરે છે.

Q.12 એવો વિકલ્પ પસંદ કરો કે જેમાં આપેલી આકૃતિ જડેલી (એમ્બેડ) હોય (આકૃતિને ફેરવવાની મંજૂરી નથી).



Ans

- ✗ 1.
- ✗ 2.
- ✓ 3.
- ✗ 4.

Q.13 અંગ્રેજી મૂળાક્ષરોના ક્રમના આધારે આપેલી શ્રેણીમાં પ્રશ્ન ચિહ્ન (?) ની જગ્યાએ શું આવવું જોઈએ?

TCU, UFP, VIK, WLF, ?

- Ans
- ✗ 1. XOB
 - ✓ 2. XOA
 - ✗ 3. XOC
 - ✗ 4. XPA

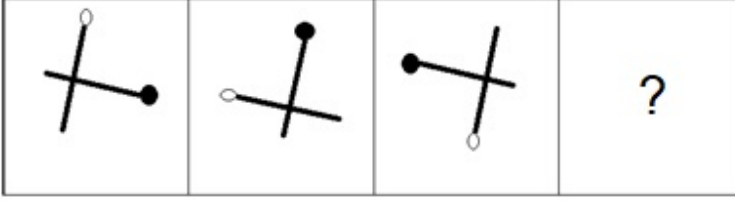
Q.14 એક લો ફર્મના સાત એક્ઝિક્યુટિવ્સ (P, Q, R, S, T, U અને V) મીટિંગ માટે દરેક કેન્દ્ર તરફ મોં રાખીને, એક ગોળાકાર ટેબલ પર બેઠા છે (પરંતુ સમાન ક્રમમાં બેસવું જરૂરી નથી).
 o P એ U અને S બંનેને અડીને બેઠો છે
 o Q એ S ની જમણી બાજુએ અડીને બેઠો છે અને T ને અડીને બેસવાવાળામાંથી એક છે
 o V એ T ની જમણી બાજુએ બીજા સ્થાને બેઠો છે.
 U ની ડાબી બાજુએ બીજા સ્થાને કોણ બેઠું છે?

- Ans ☒ 1. R
☒ 2. Q
☒ 3. T
☒ 4. V

Q.15 એક ચોક્કસ તર્કને અનુસરતા BZ7 એ GE15 સાથે સંબંધિત છે. તે જ રીતે સમાન તર્કને અનુસરતા PN13 એ US21 સાથે સંબંધિત છે. તો સમાન તર્કને અનુસરતા આપેલ પૈકી IG12 એ કોની સાથે સંબંધિત હશે?

- Ans ☒ 1. NL20
☒ 2. NL21
☒ 3. PM20
☒ 4. PN21

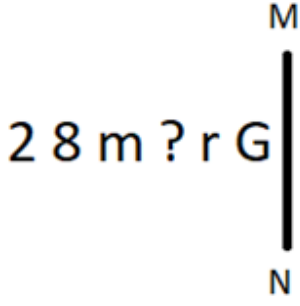
Q.16 વિકલ્પોમાંથી એવી આકૃતિ પસંદ કરો, જેને પ્રશ્ન ચિહ્ન (?)ના સ્થાને રાખી શકાય અને જે આપેલ શ્રેણીને પૂર્ણ કરી શકે.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.17 નીચે બતાવ્યા પ્રમાણે જ્યારે દર્પણને MN પર મૂકવામાં આવે ત્યારે આપેલી આકૃતિનું દર્પણમાં દેખાતું સાચું પ્રતિબિંબ પસંદ કરો.



- Ans
- ✓ 1.
 - ✗ 2.
 - ✗ 3.
 - ✗ 4.

Q.18 જો '-' અને '+' ની પરસ્પર અદલાબદલી કરવામાં આવે અને '÷' અને 'x' ની પરસ્પર અદલાબદલી કરવામાં આવે, તો નીચેના સમીકરણમાં પ્રશ્ન ચિહ્ન (?)ની જગ્યાએ શું આવશે?
 $15 - 4 + 9 \times 3 \div 6 = ?$

- Ans
- ✓ 1. 1
 - ✗ 2. 12
 - ✗ 3. 18
 - ✗ 4. 10

Q.19 એક ગોળાકાર ટેબલની ફરતે E, F, G, H, P, S, અને T કેન્દ્ર તરફ મુખ રાખીને બેઠા છે(પરંતુ સમાન ક્રમમાં બેસવું જરૂરી નથી). F એ T ની જમણી બાજુએ બીજા સ્થાને બેસે છે. P એ S ની તરત ડાબી બાજુએ બેસે છે. જ્યારે P ની ડાબી બાજુથી ગણતરી કરવામાં આવે છે ત્યારે P અને G ની વચ્ચે માત્ર એક જ વ્યક્તિ બેસે છે. H એ E ની જમણી બાજુએ ત્રીજા સ્થાને બેસે છે. જ્યારે H ની જમણી બાજુથી ગણતરી કરવામાં આવે છે ત્યારે H અને P ની વચ્ચે કેટલા લોકો બેઠા છે?

- Ans
- ✗ 1. એક
 - ✓ 2. એક પણ નહીં
 - ✗ 3. બે
 - ✗ 4. ત્રણ

Q.20 એવો વિકલ્પ પસંદ કરો જેમાં સેટમાં રહેલી સંખ્યાઓનો સંબંધ આપેલા સેટ્સની સંખ્યાઓ સાથે સમાનતા ધરાવે છે.
 (નોંધ: સંખ્યાઓને તેના ઘટક અંકોમાં વિભાજિત કર્યા વિના, પૂર્ણ સંખ્યાઓ પર ક્રિયાઓ કરવી જોઈએ. દા.ત. 13 - 13 પરની ક્રિયાઓ જેમ કે 13માં ઉમેરો/ બાદબાકી/ગુણાકાર વગેરે કરી શકાય છે. 13 ને 1 અને 3 માં અલગ કરીને અને પછી 1 અને 3 પર ગાણિતિક ક્રિયા કરવાની મંજૂરી નથી)
 (18, 108, 12)
 (33, 198, 22)

- Ans
- ✓ 1. (42, 252, 28)
 - ✗ 2. (42, 254, 28)
 - ✗ 3. (40, 252, 28)
 - ✗ 4. (42, 252, 26)

Section : General Awareness

Q.1 નીચેનામાંથી કોણ 'એ હિસ્ટ્રી ઓફ બ્રિટિશ ઇન્ડિયા (A History of British India)' પુસ્તકના લેખક છે?

- Ans
- ✗ 1. રેનલે (Renley)
 - ✓ 2. જેમ્સ મીલ (James Mill)
 - ✗ 3. ગ્રેનવિલે ઓસ્ટિન (Grenville Austin)
 - ✗ 4. બેન્થમ (Bentham)

Q.2	એક પ્રખ્યાત સંસ્થા સેલ્ફ-એમ્પ્લોયડ વિમેન્સ એસોસિએશન (SEWA) નીચેનામાંથી કયા રાજ્ય સાથે જોડાયેલી છે?
Ans	☒ 1. હરિયાણા ☒ 2. ઉત્તર પ્રદેશ ☒ 3. ગુજરાત ☒ 4. મધ્યપ્રદેશ
Q.3	ભારત વિસ્તારમાં સ્થાપિત એક ફેક્ટરી મોટા પ્રમાણમાં વનનાબૂદીનું કારણ બની રહી છે. નીચેનામાંથી શું આપણે નજીકના ભવિષ્યમાં જોવાની અપેક્ષા રાખી શકીએ?
	A) ભૂગર્ભ જળનું ઓછું થવું B) નીચું તાપમાન C) વારંવાર વરસાદ D) નવા પ્રાણીઓનું આગમન
Ans	☒ 1. D ☒ 2. B ☒ 3. A ☒ 4. C
Q.4	ભારતીય બંધારણના અનુચ્છેદ 280 મુજબ, દરેક _____ માટે નાણાં પંચની નિમણૂક કરવાની જરૂર છે.
Ans	☒ 1. બે વર્ષ ☒ 2. પાંચ વર્ષ ☒ 3. એક વર્ષ ☒ 4. ત્રણ વર્ષ
Q.5	પૃથ્વીના જ્વાળામુખીના નીચેનામાંથી કયા પ્રકારના જ્વાળામુખી ફાટી નીકળે છે તે સૌથી વધુ વિસ્ફોટક છે?
Ans	☒ 1. કાલ્ડેરા (Caldera) ☒ 2. ફ્લડ બેસાલ્ટ પ્રાંતો (Flood basalt provinces) ☒ 3. ડાઈક્સ (Dykes) ☒ 4. લાપોલિથ (Lapoliith)
Q.6	ભરતનાટ્યમ નૃત્યાંગના _____ ને 2023 માં ચેન્નઈ ખાતે શ્રી પાર્થસારથી સ્વામી સભા તરફથી નાટ્ય કલા સારથી એવોર્ડ મળ્યો હતો.
Ans	☒ 1. હેમા રાજગોપાલન ☒ 2. શ્રીકલા ભરત ☒ 3. શ્રીદેવી ઉન્ની ☒ 4. વિદ્યા સુબ્રમણ્યમ
Q.7	અશોકના ક્રેટલા સ્તંભ શિલાલેખ અથવા મુખ્ય સ્તંભ શિલાલેખ (PEs) મળી આવ્યા છે?
Ans	☒ 1. સાત ☒ 2. ચૌદ ☒ 3. નવ ☒ 4. બે
Q.8	ભારતમાં સૌપ્રથમ સામાજિક આર્થિક અને જાતિ આધારિત વસ્તી ગણતરી (SECC) કયા વર્ષમાં હાથ ધરવામાં આવી હતી?
Ans	☒ 1. 2011 ☒ 2. 2001 ☒ 3. 1911 ☒ 4. 1901
Q.9	ભારતના બંધારણનો કયો અનુચ્છેદ રાજ્યને તેની આર્થિક ક્ષમતા અને વિકાસની મર્યાદામાં બેરોજગારી, વૃદ્ધાવસ્થા, માંદગી અને વિકલાંગતાના કિસ્સામાં તેના નાગરિકોને જાહેર સહાય પૂરી પાડવાનો નિર્દેશ આપે છે?
Ans	☒ 1. અનુચ્છેદ 32 ☒ 2. અનુચ્છેદ 20 ☒ 3. અનુચ્છેદ 41 ☒ 4. અનુચ્છેદ 12

Q.10 ઓઝોનના સ્તર વિશે નીચેનામાંથી કયું વિધાન સાચું છે?

વિધાન A: તે સમતાપ આવરણ(stratosphere)માં જોવા મળે છે.
વિધાન B: ઓઝોન છિદ્ર માટે ક્લોરોફ્લોરોકાર્બન્સ (CFCs) જવાબદાર છે.
વિધાન C: ઓઝોનનું સ્તર પૃથ્વીની સપાટીથી 15-30 કિમી ઉપર જોવા મળે છે.
વિધાન D: ઓઝોન સ્તર હવે વધુ પુનઃપ્રાપ્ત (ઠીક) નહીં થાય તેવી અપેક્ષા છે.

- Ans
- ☒ 1. માત્ર વિધાન B, C અને D
 - ☒ 2. માત્ર વિધાન A અને B
 - ☒ 3. માત્ર વિધાન A, B અને C
 - ☒ 4. માત્ર વિધાન A અને D

Q.11 કાકરાપાર અણુવિદ્યુત પ્લાન્ટ કયા રાજ્યમાં આવેલો છે?

- Ans
- ☒ 1. મહારાષ્ટ્ર
 - ☒ 2. તમિલનાડુ
 - ☒ 3. રાજસ્થાન
 - ☒ 4. ગુજરાત

Q.12 મધ્ય પ્રદેશ આદિવાસી લોક કલા અકાદમી દ્વારા આયોજિત પાંચ દિવસીય ઉત્સવ લોકરંગ દર વર્ષે _____ થી શરૂ થાય છે.

- Ans
- ☒ 1. 26 મી જાન્યુઆરી
 - ☒ 2. 24 મી જુલાઈ
 - ☒ 3. 26 મી સપ્ટેમ્બર
 - ☒ 4. 22 મી માર્ચ

Q.13 ભારતના છેલ્લા મુઘલ સમ્રાટ _____ હતા.

- Ans
- ☒ 1. શાહજહાં
 - ☒ 2. ઔરંગઝેબ
 - ☒ 3. અકબર II
 - ☒ 4. બહાદુર શાહ II

Q.14 2023માં, ભારત સરકારે MSME(એમ.એસ.એમ.ઈ)ના મોટા વ્યવસાયો અને રેસિટેબલ ટ્રસ્ટ દ્વારા દસ્તાવેજોને સુરક્ષિત રીતે ઓનલાઇન સ્ટોર કરવા અને શેર કરવા માટે એક _____ DigiLocker (ડીજીલોકર)ની સ્થાપના કરી છે.

- Ans
- ☒ 1. બોન્ડ (Bond)
 - ☒ 2. કંપની (Company)
 - ☒ 3. મેક્રો (Macro)
 - ☒ 4. એન્ટિટી (Entity)

Q.15 ઓક (Oak) અને ચેસ્ટનટ (Chestnut) વૃક્ષો ભારતમાં કયા પ્રકારના જંગલમાં જોવા મળે છે?

- Ans
- ☒ 1. ઉષ્ણકટિબંધીય પાનખર જંગલો
 - ☒ 2. પર્વતીય જંગલો
 - ☒ 3. મેન્ગ્રોવ જંગલો
 - ☒ 4. કાંટાવાળા જંગલો

Q.16 કર્ણાટકમાં મુખ્યત્વે બદામી અને આઈહોલમાં આવેલી ખડકો કાપીને બનાવેલી ગુફાઓ _____ ના આશ્રય હેઠળ બનાવવામાં આવી હતી.

- Ans
- ☒ 1. મૌર્ય વંશ
 - ☒ 2. ચોલ વંશ
 - ☒ 3. ગુપ્ત વંશ
 - ☒ 4. ચાલુક્ય વંશ

Q.17 સંવિધાન અપનાવવાના સમયે, તેમાં 395 અનુચ્છેદ અને _____ અનુસૂચિઓ હતી.

- Ans
- ☒ 1. 7
 - ☒ 2. 11
 - ☒ 3. 9
 - ☒ 4. 8

Q.18	પદ્મ ભૂષણ 2023 જીતનાર વાણી જયરામ કયા રાજ્યના છે?
Ans	☒ 1. ગુજરાત ☒ 2. મધ્ય પ્રદેશ ☒ 3. તમિલનાડુ ☒ 4. મહારાષ્ટ્ર
Q.19	સ્મતગતમાં સામાન્ય રીતે 'એસ' શબ્દ કોની સાથે જોડાયેલ હોય છે?
Ans	☒ 1. સોફ્ટમાં ગોલ કરવો ☒ 2. એથલેટિક્સમાં ઊંચી કૂદની તકનીક ☒ 3. ટેનિસમાં ઝડપી સર્વ કરવું ☒ 4. ગોલ્ફમાં એક સંપૂર્ણ શોટ
Q.20	_____ માં, નીરજ ચોપરા ભાલા ફેંકમાં સુવર્ણ પદક જીતનાર પ્રથમ ભારતીય બન્યો.
Ans	☒ 1. એશિયન ગેમ્સ, 2018 ☒ 2. એશિયન ગેમ્સ, 2010 ☒ 3. એશિયન ગેમ્સ, 2022 ☒ 4. એશિયન ગેમ્સ, 2014
Q.21	શૌવના નારાયણ અને ગીતિકા કાલ્હા દ્વારા કયું પુસ્તક લખવામાં આવ્યું છે?
Ans	☒ 1. ડાન્સ ગેસ્ટર્સ: મીરર ઓફ એક્સપ્રેશન્સ (Dance Gestures: Mirror of Expressions) ☒ 2. કલ્ચર રીધમ ઈન ઈમોશન્સ (Cultural Rhythms in Emotions) ☒ 3. ઈન્ડિયન માયથોલોજી થ્રુ ક્લાસિકલ ડાન્સ (Indian Mythology through Classical Dance) ☒ 4. ડાન્સિંગ ઈન ધ ફેમિલી (Dancing in the Family)
Q.22	પદ્મા સુબ્રમણ્યમ કયા નૃત્ય સ્વરૂપ સાથે સંકળાયેલાં છે?
Ans	☒ 1. કથક ☒ 2. મણિપુરી ☒ 3. ભરતનાટ્યમ ☒ 4. છાઉ
Q.23	મે 2023માં, સેન્ટ્રલ વિજિલન્સ કમિશનર તરીકે કોણે શપથ લીધી?
Ans	☒ 1. પ્રવિણ કુમાર શ્રીવાસ્તવ ☒ 2. રામ મનોહર સીંઘ ☒ 3. સેમ્યુઅલ જોસેફ ☒ 4. દયાલ ચાદવ
Q.24	કોંગ્રેસના નીચેનામાંથી કયા સત્રમાં પાર્ટીએ 26 જાન્યુઆરીને 'પૂર્ણ સ્વરાજ દિવસ' તરીકે ઉજવવાનું આહ્વાન કર્યું હતું?
Ans	☒ 1. દિલ્હી 1923 ☒ 2. મદ્રાસ 1927 ☒ 3. કરાચી 1931 ☒ 4. લાહોર 1929
Q.25	ત્રિબંધ (ટ્રિપલ બોન્ડ) સાથેની ચાર-કાર્બન શ્રુંખલાને _____ કહેવામાં આવે છે.
Ans	☒ 1. બ્યુટેનોલ (butanol) ☒ 2. બ્યુટાઈન (butyne) ☒ 3. બ્યુટેન (butene) ☒ 4. બ્યુટેનાલ (butanal)

Section : **English Language and Comprehension**

Q.1	Read the following sentence and select its future tense form from the options given below: Rachel and Rahul joined forces on a project and successfully completed it within a month.
Ans	☒ 1. Rachel and Rahul are joining forces on a project and successfully completing it within a month. ☒ 2. Rachel and Rahul will join forces on a project and successfully complete it within a month. ☒ 3. Rachel and Rahul should join forces on a project and successfully complete it within a month. ☒ 4. Rachel and Rahul have joined forces on a project and successfully completed it within a month.

Q.2 Select the most appropriate option to fill in the blank.
You need to rest the _____ before baking the bread.

- Ans**
- ☒ 1. dough
 - ☐ 2. lard
 - ☐ 3. paste
 - ☐ 4. doe

Q.3 Select the most appropriate meaning of the underlined word.
The Prime Minister will address the nation tomorrow.

- Ans**
- ☐ 1. A postal code for sending letters
 - ☐ 2. A landmark
 - ☒ 3. To deliver a speech
 - ☐ 4. To greet people

Q.4 Select the INCORRECTLY spelt word from the given sentence.

The teacher's encouragment motivated the students to excel in their studies.

- Ans**
- ☐ 1. Motivated
 - ☒ 2. Encouragment
 - ☐ 3. Teacher's
 - ☐ 4. Excel

Q.5 Select the most appropriate option to substitute the underlined segment in the given sentence.

Shirin came off with a brilliant idea to solve the problem.

- Ans**
- ☐ 1. came off to a brilliant idea
 - ☒ 2. came up with a brilliant idea
 - ☐ 3. came up in a brilliant idea
 - ☐ 4. came off on a brilliant idea

Q.6 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options.
Select the correct alternative.
Pankaj is a better cook.

- Ans**
- ☐ 1. goodest
 - ☒ 2. good
 - ☐ 3. best
 - ☐ 4. more good

Q.7 Select the grammatically correct sentence.

- Ans**
- ☐ 1. A secondary section of the school is located at an end of the street.
 - ☒ 2. The secondary section of the school is located at the end of the street.
 - ☐ 3. The secondary section of a school is located at the end of a street.
 - ☐ 4. The secondary section of a school is located at an end of the street.

Q.8 Select the most appropriate option to fill in the blanks.
The teacher asked the students to remain _____, but the noise continued to _____. She finally had to raise her voice to gain control.

- Ans**
- ☒ 1. quit; rise
 - ☐ 2. still; elevate
 - ☐ 3. calm; escalate
 - ☐ 4. silent; ascend

Q.9 Select the most appropriate option to fill in the blank.

The professor's _____ lecture was filled with complex concepts.

- Ans
- ☒ 1. lucid
 - ☐ 2. lucide
 - ☐ 3. lucyd
 - ☐ 4. lucied

Q.10 Select the most appropriate option to fill in the blank.

The team captain inquired of his teammates _____ they preferred to choose batting as their initial option.

- Ans
- ☐ 1. weather
 - ☐ 2. wither
 - ☐ 3. whither
 - ☒ 4. whether

Q.11 Choose the correctly spelt word to fill in the blank meaningfully.
The citizens of Iraq wanted _____ after years of war.

- Ans
- ☐ 1. peice
 - ☒ 2. peace
 - ☐ 3. pease
 - ☐ 4. piece

Q.12 Select the most appropriate ANTONYM of the given word.

Inferior

- Ans
- ☒ 1. Superior
 - ☐ 2. Substandard
 - ☐ 3. Mediocre
 - ☐ 4. Beautiful

Q.13 In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in the blanks.

Martin Luther King Jr. started a crusade for discrimination _____ African Americans. He relied on peaceful demonstrations and demonstrators. His most famous march was a powerful rally of about 250,000 people in Washington in 1963, where he _____ one of the most famous speeches in history.

- Ans
- ☐ 1. versus; brought
 - ☒ 2. against; delivered
 - ☐ 3. counter; dispatched
 - ☐ 4. opposed; dropped

Q.14 Select the correct spelling of the underlined word in the given sentence.

Is he ready to risk his acredation for the greater good?

- Ans
- ☐ 1. accredation
 - ☐ 2. accreditation
 - ☒ 3. accreditation
 - ☐ 4. accraditation

Q.15 Select the most appropriate meaning of the idiom from the options given below.
To accept the gauntlet

- Ans
- ☒ 1. To accept a challenge
 - ☐ 2. To suffer a great insult
 - ☐ 3. To suffer financial loss
 - ☐ 4. To accept failure

Q.16 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options. Select the correct alternative.
Their chance of winning is slimmest.

- Ans**
- ☒ 1. slimly
 - ☒ 2. most slim
 - ☒ 3. slim
 - ☒ 4. slimmer

Q.17 Select the most appropriate synonym of the given word.

Hire

- Ans**
- ☒ 1. Engage
 - ☒ 2. Engross
 - ☒ 3. Endure
 - ☒ 4. Enhance

Q.18 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

I still / do not understand / why he did not / reply my email.

- Ans**
- ☒ 1. reply my email
 - ☒ 2. do not understand
 - ☒ 3. why he did not
 - ☒ 4. I still

Q.19 Select the most appropriate idiom that can substitute the highlighted text in the given sentence.

The minister was in partnership with the queen in poisoning the King.

- Ans**
- ☒ 1. in the blues
 - ☒ 2. at one's beck and call
 - ☒ 3. run amok
 - ☒ 4. in cahoots

Q.20 Select the grammatically correct sentence from the given options.

- Ans**
- ☒ 1. She was not allow to enter the hotel as her clothes were dirty.
 - ☒ 2. She was not allowed to enter the hotel as her clothes were dirty.
 - ☒ 3. She was not allowed to enter the hotel as her clothes were dirtier.
 - ☒ 4. She was not allowed to enter the hotel as her clothes was dirtier.

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Employers, nowadays, are (1)_____ on team-building as it proves to be useful in being more productive. So, they create occasions for the employees to spend time together. Some employees are sick (2) _____ office festival parties with mandatory dress codes and fun competitions. Some others (3)_____ of having to forcibly bond with colleagues during after-work happy hours when they would rather be at home. A French court (4)_____ recently that one very much has the right to be boring at the workplace. Seven years after Mr. T was fired from his company for not participating in fun activities, which included going out for drinks after work once a week, the court said that Mr. T was merely exercising his 'freedom of expression'. It added that the company's culture of fun (5)_____ Mr. T 's fundamental right to 'dignity and respect of private life'. However, employers and HR personnel insist that team-bonding initiatives are crucial to the workplace and the employees too feel the same if they want promotions.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. focus
 - ☒ 2. has focused
 - ☒ 3. focusing
 - ☒ 4. focuses

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Employers, nowadays, are (1)_____ on team-building as it proves to be useful in being more productive. So, they create occasions for the employees to spend time together. Some employees are sick (2)_____ office festival parties with mandatory dress codes and fun competitions. Some others (3)_____ of having to forcibly bond with colleagues during after-work happy hours when they would rather be at home. A French court (4)_____ recently that one very much has the right to be boring at the workplace. Seven years after Mr. T was fired from his company for not participating in fun activities, which included going out for drinks after work once a week, the court said that Mr. T was merely exercising his 'freedom of expression'. It added that the company's culture of fun (5)_____ Mr. T 's fundamental right to 'dignity and respect of private life'. However, employers and HR personnel insist that team-bonding initiatives are crucial to the workplace and the employees too feel the same if they want promotions.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans
- ☒ 1. with
 - ☒ 2. from
 - ☒ 3. for
 - ☒ 4. of

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Employers, nowadays, are (1)_____ on team-building as it proves to be useful in being more productive. So, they create occasions for the employees to spend time together. Some employees are sick (2)_____ office festival parties with mandatory dress codes and fun competitions. Some others (3)_____ of having to forcibly bond with colleagues during after-work happy hours when they would rather be at home. A French court (4)_____ recently that one very much has the right to be boring at the workplace. Seven years after Mr. T was fired from his company for not participating in fun activities, which included going out for drinks after work once a week, the court said that Mr. T was merely exercising his 'freedom of expression'. It added that the company's culture of fun (5)_____ Mr. T 's fundamental right to 'dignity and respect of private life'. However, employers and HR personnel insist that team-bonding initiatives are crucial to the workplace and the employees too feel the same if they want promotions.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans
- ☒ 1. tired
 - ☒ 2. have tired
 - ☒ 3. are tired
 - ☒ 4. has tired

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Employers, nowadays, are (1)_____ on team-building as it proves to be useful in being more productive. So, they create occasions for the employees to spend time together. Some employees are sick (2)_____ office festival parties with mandatory dress codes and fun competitions. Some others (3)_____ of having to forcibly bond with colleagues during after-work happy hours when they would rather be at home. A French court (4)_____ recently that one very much has the right to be boring at the workplace. Seven years after Mr. T was fired from his company for not participating in fun activities, which included going out for drinks after work once a week, the court said that Mr. T was merely exercising his 'freedom of expression'. It added that the company's culture of fun (5)_____ Mr. T 's fundamental right to 'dignity and respect of private life'. However, employers and HR personnel insist that team-bonding initiatives are crucial to the workplace and the employees too feel the same if they want promotions.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans
- ☒ 1. has ruled
 - ☒ 2. was ruled
 - ☒ 3. is ruled
 - ☒ 4. have ruled

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Employers, nowadays, are (1)_____ on team-building as it proves to be useful in being more productive. So, they create occasions for the employees to spend time together. Some employees are sick (2)_____ office festival parties with mandatory dress codes and fun competitions. Some others (3)_____ of having to forcibly bond with colleagues during after-work happy hours when they would rather be at home. A French court (4)_____ recently that one very much has the right to be boring at the workplace. Seven years after Mr. T was fired from his company for not participating in fun activities, which included going out for drinks after work once a week, the court said that Mr. T was merely exercising his 'freedom of expression'. It added that the company's culture of fun (5)_____ Mr. T 's fundamental right to 'dignity and respect of private life'. However, employers and HR personnel insist that team-bonding initiatives are crucial to the workplace and the employees too feel the same if they want promotions.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. violate
 -  2. violated
 -  3. will violate
 -  4. is violated

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	13/11/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 A spherical metal ball is melted into a shape of cylinder mounted by a cone such that the base of cone exactly overlaps the top base of cylinder. The diameter of the cylinder and sphere is 4.2 m each. What is the height (in m) of the cone if the height of cylinder is 1.4 m?

- Ans
- ☐ 1. 2.1
 - ☐ 2. 1.4
 - ☒ 3. 4.2
 - ☐ 4. 0.7

Q.2 The average weight of 6 children increases by 1.5 kg when a new child comes in place of one of them weighing 12 kg. The weight of the new child is:

- Ans
- ☒ 1. 21 kg
 - ☐ 2. 22 kg
 - ☐ 3. 14 kg
 - ☐ 4. 14.5 kg

Q.3 Pankaj bought a watch at a price range from ₹1,500 to ₹3,000 which are sold at prices ranging from ₹2,500 to ₹3,500. If Pankaj sells such 10 watches, then the greatest possible profit (in ₹) he made with the transaction is:

- Ans
- ☒ 1. 20,000
 - ☐ 2. 23,854
 - ☐ 3. 21,765
 - ☐ 4. 19,000

Q.4 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 7% per year rate of interest for 2 years.

- Ans
- ☐ 1. 290
 - ☒ 2. 350
 - ☐ 3. 310
 - ☐ 4. 390

Q.5 A sum of ₹12,000 becomes double at simple interest in 7 years at a certain rate of simple interest. Find the time (in years) it takes for the amount to become ₹60,000 at the same rate of interest.

- Ans
- ☐ 1. 20
 - ☐ 2. 30
 - ☒ 3. 28
 - ☐ 4. 25

Q.6 A shopkeeper of a subsidised canteen mixed three varieties of rice, X, Y and Z, in the ratio of 4 : 1 : 3 to make a packet of 4 kg of rice. The cost prices per kg of X, Y and Z varieties of rice are ₹2, ₹4 and ₹6, respectively. What is the cost price (in ₹) of the packet of rice?

- Ans
- ☐ 1. 30
 - ☐ 2. 10
 - ☐ 3. 18
 - ☒ 4. 15

Q.7 Two trains of lengths 310 m and 340 m, respectively, are 285 m apart. They start moving towards each other on parallel tracks, at the speeds of 151 km/h and 155 km/h, respectively. In how much time will the trains cross each other completely?

- Ans**
- ☐ 1. 12 s
 - ☒ 2. 11 s
 - ☐ 3. 10 s
 - ☐ 4. 13 s

Q.8 A 250-metre-long train running at a speed of 100 km/h crosses another train coming from the opposite direction at a speed of 62 km/h in 10 seconds. What is the length of the second train?

- Ans**
- ☒ 1. 200 metres
 - ☐ 2. 230 metres
 - ☐ 3. 240 metres
 - ☐ 4. 270 metres

Q.9 Simplify, $126 + \{(-4)(-20 - 8 + 4)\text{of}\frac{1}{2}\} \div [4 \text{ of } \{6 + (-2)(-3)\}]$.

- Ans**
- ☐ 1. 128
 - ☐ 2. 130
 - ☐ 3. 126
 - ☒ 4. 127

Q.10 If the number of working staff in the company is increased by 20% and the salary per head is decreased by 20%, then the percentage of change in the total salary is:

- Ans**
- ☐ 1. increase of 20%
 - ☒ 2. decrease of 4%
 - ☐ 3. increase of 4%
 - ☐ 4. decrease of 20%

Q.11 A retailer announces a discount of 25% for selling a mobile phone marked at ₹48,000. The cost price of the mobile phone is 45% below the marked price. He offers a further discount of 7.5% if the buyer returns his old mobile phone. What is the ratio of the profit percentages of the retailer with the return of the old mobile phone scheme to that of without the return of the old mobile phone, respectively?

- Ans**
- ☐ 1. 11: 12
 - ☐ 2. 32:23
 - ☒ 3. 23:32
 - ☐ 4. 12: 11

Q.12 Find the number that must be added to the terms of the ratio 11 : 29 to make it equal to 11 : 20.

- Ans**
- ☐ 1. 12
 - ☐ 2. 10
 - ☐ 3. 9
 - ☒ 4. 11

Q.13 If $a = 2^2 \times 3^4 \times 5 \times 7^3$, $b = 2^3 \times 3^4 \times 5^2 \times 7^4$ and $c = 2^4 \times 3^2 \times 5^4 \times 7$, then the HCF of a, b and c is:

- Ans**
- ☐ 1. 630
 - ☒ 2. 1260
 - ☐ 3. 180
 - ☐ 4. 1575

Q.14 A dealer professing to sell his goods at the cost price uses a 900 g weight for a kilogram. Find his gain percentage.

Ans

- ☐ 1. 11%
- ☐ 2. 9%
- ☒ 3. $11\frac{1}{9}\%$
- ☐ 4. 10%

Q.15 The average height of a group of 10 students is 172 cm. Two more students of height 178 cm and 165 cm joined the group and 3 students of average height 160 cm leave the group. What is the new average height (in cm, rounded off to 1 decimal place) of the group after the changes?

Ans

- ☐ 1. 174.6
- ☒ 2. 175.9
- ☐ 3. 170.5
- ☐ 4. 169.7

Q.16 Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 7% per year rate of interest for 4 years.

Ans

- ☒ 1. 700
- ☐ 2. 660
- ☐ 3. 640
- ☐ 4. 740

Q.17 Vasudha claimed to sell her items at 18% above the cost of production, but used a weight that had 1 kg written on it, though it actually weighed y grams. If the actual profit percentage earned by Vasudha was $33\frac{1}{3}\%$, what is the value of y?

Ans

- ☐ 1. 895
- ☒ 2. 885
- ☐ 3. 880
- ☐ 4. 890

Q.18 The average of 7 numbers is 55. If the first 4 numbers are 48, 62, 135 and 74, then what will be the average of the remaining numbers?

Ans

- ☐ 1. 31
- ☐ 2. 25
- ☐ 3. 19
- ☒ 4. 22

Q.19 If a conical vessel is of height 12cm and radius 6cm, then the volume of the conical vessel is

Ans

- ☒ 1. $144\pi\text{ cm}^3$
- ☐ 2. $234\pi\text{ cm}^3$
- ☐ 3. $254\pi\text{ cm}^3$
- ☐ 4. $154\pi\text{ cm}^3$

Q.20 A right circular solid metallic cone is 7.2 cm high and radius of its base 3.5 cm. It is melted and recast into two right circular solid metallic cones equal in all respects, each with base radius 2.1 cm and height 'h'. What is the value of 'h' (in cm)?

Ans

- ☒ 1. 10
- ☐ 2. 21
- ☐ 3. 14
- ☐ 4. 12

Q.1 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

No fig is a pig.

All figs are wigs.

Conclusions:

(I) No pig is a wig.

(II) All wigs are figs.

- Ans**
- ☒ 1. Neither conclusion (I) nor (II) follows.
 - ☐ 2. Both conclusions (I) and (II) follow.
 - ☐ 3. Only conclusion (II) follows.
 - ☐ 4. Only conclusion (I) follows.

Q.2 This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.

Statements:

All arrows are swords.

Some swords are dragons.

Conclusions

(I) Some swords are arrows.

(II) Some dragons are not swords.

- Ans**
- ☐ 1. Both conclusions (I) and (II) follow
 - ☒ 2. Only conclusion (I) follows
 - ☐ 3. Only conclusion (II) follows
 - ☐ 4. Neither conclusion (I) nor (II) follows

Q.3 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$392 \times 7 - 2 \div 12 + 80 = ?$$

- Ans**
- ☐ 1. 4
 - ☒ 2. 0
 - ☐ 3. 2
 - ☐ 4. 8

Q.4 FHJK is related to BDFG in a certain way based on the English alphabetical order. In the same way, MOQR is related to IKMN. To which of the following is JLNO related, following the same logic?

- Ans**
- ☐ 1. FHKJ
 - ☐ 2. EFJK
 - ☒ 3. FHJK
 - ☐ 4. EHJK

Q.5 In a certain code language, 'MINT' is coded as '9735' and 'NEAR' is coded as '4568'. What is the code for 'N' in the given code language?

- Ans**
- ☒ 1. 5
 - ☐ 2. 6
 - ☐ 3. 4
 - ☐ 4. 3

Q.6 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

RJK, PMI, NPG, LSE, ?

- Ans**
- ☐ 1. KVD
 - ☐ 2. KWC
 - ☐ 3. KVC
 - ☒ 4. JVC

Q.7 What should come in place of the question mark (?) in the given series?

234 223 205 194 176 165 ?

- Ans**
- ☒ 1. 137
 - ☒ 2. 147
 - ☒ 3. 155
 - ☒ 4. 126

Q.8 LO15 is related to OR30 in a certain way. In the same way, SV25 is related to VY50. To which of the following is TW35 related, following the same logic?

- Ans**
- ☒ 1. WZ70
 - ☒ 2. WA70
 - ☒ 3. AZ17
 - ☒ 4. WZ17

Q.9 Seven people A, B, C, D, E, F and G are sitting around a circular table, facing the centre (but not necessarily in the same order). Exactly three people are sitting between E and B when counted from the right of E. Both G and D are immediate neighbours of F. C is sitting to the immediate left of A. D and E are not sitting next to each other. The position of how many persons will remain unchanged, excluding A, if all the persons are arranged in the English alphabetical order, in clockwise direction, starting from A?

- Ans**
- ☒ 1. 1
 - ☒ 2. 4
 - ☒ 3. 2
 - ☒ 4. 3

Q.10 In a certain code language, 'DAYS' is coded as '3917' and 'YOLK' is coded as '2496'. What is the code for 'Y' in that language?

- Ans**
- ☒ 1. 2
 - ☒ 2. 9
 - ☒ 3. 1
 - ☒ 4. 4

Q.11 4 is related to 70 following a certain logic. Following the same logic, 8 is related to 518. To which of the following is 6 related, following the same logic? (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
- ☒ 1. 216
 - ☒ 2. 219
 - ☒ 3. 226
 - ☒ 4. 222

Q.12 In a certain code language, 'FISH' is coded as '6482' and 'SANE' is coded as '7691'. What is the code for 'S' in the given code language?

- Ans**
- ☒ 1. 6
 - ☒ 2. 7
 - ☒ 3. 8
 - ☒ 4. 9

Q.13 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). G sits second to the left of F, who is third to the left of D. C sits third to the right of B, who is not an immediate neighbour of E. A sits second to the right of B. Who is immediate right of E?

- Ans**
- ☒ 1. G
 - ☒ 2. D
 - ☒ 3. B
 - ☒ 4. A

Q.14 21 is related to 64 following a certain logic. Following the same logic, 24 is related to 73. To which of the following is 29 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
-  1. 82
 -  2. 86
 -  3. 84
 -  4. 88

Q.15 19 is related to 39 following a certain logic. Following the same logic, 1 is related to 3. To which of the following is 3 related following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed)

- Ans**
-  1. 9
 -  2. 7
 -  3. 8
 -  4. 11

Q.16 Which of the following equations is correct by interchanging the '+' and 'x' signs and the '4' and '5' numbers?

- Ans**
-  1. $10 \times 4 + 5 = 60$
 -  2. $5 + 15 \times 4 = 50$
 -  3. $5 \times 4 + 10 = 40$
 -  4. $20 + 5 \times 4 = 85$

Q.17 In a certain code language, 'YATCH' is coded as 'RTMVA' and 'CAT' is coded as 'VTM'. What is the code for 'ANAMOLIES' in the given code language?

- Ans**
-  1. TGT FHEBXL
 -  2. TGT FGEBXL
 -  3. TGT EHEBXL
 -  4. TGT SFHEBXL

Q.18 Three statements are given, followed by two conclusions numbered 1, and 2. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

No Doctor is a Nurse

Some Nurses are Patients

Some Patients are Medicines

Conclusions:

1. Some Patients are not Doctors

2. Some Nurses are Medicines

- Ans**
-  1. Only conclusion 1 follows
 -  2. Both conclusions 1 and 2 follow
 -  3. Only conclusion 2 follows
 -  4. Neither conclusion 1 nor 2 follows

Q.19 What should come in place of the question mark (?) in the given series?

118 122 130 142 158 ?

- Ans**
-  1. 186
 -  2. 182
 -  3. 166
 -  4. 178

Q.20 NLRP is related to USYW in a certain way based on the English alphabetical order. In the same way, KIOM is related to RPVT. To which of the following is GEKI related, following the same logic?

- Ans**
- ☐ 1. NLPR
 - ☐ 2. LNPR
 - ☐ 3. LNRP
 - ☒ 4. NLRP

Section : **General Awareness**

Q.1 On May 23, 2023, who assumed the position of Chairperson at the Competition Commission of India?

- Ans**
- ☐ 1. Subhash Chandra Garg
 - ☐ 2. NK Singh
 - ☐ 3. Neha Bhatia
 - ☒ 4. Ravneet Kaur

Q.2 Which of the following folk dances of Jharkhand, Odisha and West Bengal region is on the Representative List of the Intangible Cultural Heritage of Humanity?

- Ans**
- ☐ 1. Kummi
 - ☐ 2. Karma Naach
 - ☒ 3. Chhau
 - ☐ 4. Dadra

Q.3 Who was the progenitor of the prolific Jaipur-Atrauli gharana?

- Ans**
- ☐ 1. Ustad Mustaq Ali Khan
 - ☐ 2. Ustad Vilayat Khan
 - ☒ 3. Ustad Alladiya Khan
 - ☐ 4. Ustad Ali Akbar Khan

Q.4 The autobiography of Sam Pitroda is called:

- Ans**
- ☐ 1. Beyond the lines
 - ☐ 2. The Substance and The Shadow
 - ☒ 3. Dreaming Big: My Journey to Connect India
 - ☐ 4. In the afternoon of time

Q.5 Which of the following statements is/are true about public goods?
I. Rivalrous in consumption
II. Non-excludability
III. Positive marginal cost

- Ans**
- ☐ 1. Only I
 - ☐ 2. Only II and III
 - ☐ 3. Only I and III
 - ☒ 4. Only II

Q.6 Who can exercise a casting vote in the case of an equality of votes in Lok Sabha?

- Ans**
- ☐ 1. President
 - ☐ 2. Vice President
 - ☐ 3. Prime Minister
 - ☒ 4. Speaker of Lok Sabha

Q.7 Vibration or wave caused by the sudden movement of tectonic plates within the earth that can travel through and around the earth is called:

- Ans**
- ☐ 1. Upheaval
 - ☒ 2. Seismic Wave
 - ☐ 3. Foreshock
 - ☐ 4. Main Shock

Q.8 Aparna Satheesan, a recipient of 2021 Abhinandan Saroja National award by National Institute of Classical Dance, is an exponent of _____ and Kuchipudi.

- Ans**
- ☐ 1. Manipuri
 - ☐ 2. Mohiniyattam
 - ☒ 3. Bharatanatyam
 - ☐ 4. Kathak

Q.9 On which of the following dates did the British Empire transfer its powers to the Constituent Assembly in India?

- Ans**
- ☒ 1. 15th August
 - ☐ 2. 2nd October
 - ☐ 3. 26th January
 - ☐ 4. 14th November

Q.10 Which of the following Rashtrakuta rulers performed the ceremony called 'Hiranya Garbha'?

- Ans**
- ☒ 1. Dantidurga
 - ☐ 2. Krishna I
 - ☐ 3. Dhruva I
 - ☐ 4. Govind III

Q.11 Identify the place where the West Central Railway Zone headquarters is located.

- Ans**
- ☐ 1. Jaipur
 - ☐ 2. Jodhpur
 - ☒ 3. Jabalpur
 - ☐ 4. Bhopal

Q.12 What is the primary source of energy for most ecosystems on Earth?

- Ans**
- ☒ 1. Sunlight
 - ☐ 2. Tidal energy
 - ☐ 3. Geothermal heat
 - ☐ 4. Wind

Q.13 Which of the following Indian philosophical systems and its widely acknowledged proponents is INCORRECTLY paired?

- Ans**
- ☒ 1. Vaisheshika - Vyasa
 - ☐ 2. Yoga - Patanjali
 - ☐ 3. Nyaya - Gotama
 - ☐ 4. Purva Mimansa - Jaimini

Q.14 A little child is a very picky eater and hates drinking milk and milk products. When he lost his baby tooth, permanent teeth took a very long time to come up in its place. What could be the probable reason behind this?

- Ans**
- ☐ 1. Vitamin Deficiency
 - ☐ 2. Protein Deficiency
 - ☒ 3. Calcium Deficiency
 - ☐ 4. Sugar Deficiency

Q.15 0.25 g of an organic compound gave 0.20 g of CO₂ after complete combustion. The percentage composition of carbon is _____.

- Ans**
- ☐ 1. 4.60%
 - ☐ 2. 78.18%
 - ☐ 3. 80.00%
 - ☒ 4. 21.82%

Q.16 In Harappan civilisation, which material was NOT used in the construction of buildings?

- Ans**
- ☐ 1. Wood
 - ☒ 2. Iron
 - ☐ 3. Gypsum mortar
 - ☐ 4. Burnt mud-bricks

Q.17	Where did the IBA Women's World Boxing Championships 2023 take place in India?
Ans	✗ 1. Bengaluru ✗ 2. Kolkata ✗ 3. Mumbai ✔ 4. New Delhi
Q.18	According to Census of India 2011, which pair of states recorded the highest population density (persons/km ²) in India?
Ans	✗ 1. Uttar Pradesh and Haryana ✗ 2. West Bengal and Uttar Pradesh ✗ 3. Bihar and Kerala ✔ 4. Bihar and West Bengal
Q.19	As of July 2023, how many products were notified under the 'One District, One Product' scheme as per the information provided by the Ministry of Food Processing Industries, Government of India?
Ans	✗ 1. 125 ✔ 2. 137 ✗ 3. 135 ✗ 4. 132
Q.20	Which is the jet stream that brings Western disturbances in India?
Ans	✔ 1. Westerly jet stream ✗ 2. North polar jet stream ✗ 3. South polar jet stream ✗ 4. Easterly jet stream
Q.21	Which of the following agreements led Mahatma Gandhi to attend the Second Round Table Conference?
Ans	✗ 1. Poona Pact ✗ 2. Lucknow Pact ✔ 3. Gandhi Irwin Pact ✗ 4. Pact of Paris
Q.22	The 'Quit India Movement' was launched under the leadership of _____.
Ans	✗ 1. Muhammad Ali Jinnah ✔ 2. Mahatma Gandhi ✗ 3. Jawaharlal Nehru ✗ 4. Subhash Chandra Bose
Q.23	The Right to Freedom of Religion is covered under which Articles of the Constitution of India?
Ans	✔ 1. Articles 25-28 ✗ 2. Articles 21-24 ✗ 3. Articles 29-32 ✗ 4. Articles 24-27
Q.24	The rifle (in the shooting sport) is single-loaded in _____-millimetre calibre (the inner diameter of a gun barrel), which is used across all events.
Ans	✔ 1. 5.6 ✗ 2. 4.8 ✗ 3. 5.1 ✗ 4. 4.5
Q.25	The National Food Security Act (NFSA) was enacted in which year by the Government of India?
Ans	✗ 1. 2008 ✗ 2. 2001 ✔ 3. 2013 ✗ 4. 2005

Q.1 Select the most appropriate homophone to fill in the blank. While learning to drive, Shivani met with an accident because she couldn't hit the _____.

- Ans**
- ☒ 1. break
 - ☒ 2. brake
 - ☒ 3. brick
 - ☒ 4. brack

Q.2 Select the option that can be used as a one-word substitute for the underlined word.
"He was notorious for his avaricious behaviour, always seeking ways to accumulate more wealth."

- Ans**
- ☒ 1. greedy
 - ☒ 2. sloth
 - ☒ 3. notorious
 - ☒ 4. generous

Q.3 Select the most appropriate option to fill in the blank.

The philanthropist's _____ donations significantly improved the quality of life in the community.

- Ans**
- ☒ 1. redundant
 - ☒ 2. substantial
 - ☒ 3. meagre
 - ☒ 4. parsimonious

Q.4 Select the option that is OPPOSITE in meaning to the underlined word in the given sentence.

The state played only a modest part in the outstanding advancement of modern morality.

- Ans**
- ☒ 1. Humble
 - ☒ 2. Moderate
 - ☒ 3. Unimpressive
 - ☒ 4. Boastful

Q.5 Select the correct spelling of the incorrectly spelt word in the given sentence.

She is an independant writer.

- Ans**
- ☒ 1. Indipendant
 - ☒ 2. Independant
 - ☒ 3. Indipendent
 - ☒ 4. Independent

Q.6 Select the most appropriate option to fill in the blank.

The movie was so boring that I fell _____.

- Ans**
- ☒ 1. sleeping
 - ☒ 2. asleep
 - ☒ 3. slept
 - ☒ 4. sleep

Q.7 Select the most appropriate option to fill in the blank.
We are planning to see an _____ perform a symphony.

- Ans**
- ☒ 1. opera
 - ☒ 2. actor
 - ☒ 3. orchestra
 - ☒ 4. actress

Q.8 Select the most appropriate ANTONYM of the given word.
Cacophony

- Ans**
- ☒ 1. Dissonance
 - ☒ 2. Noise
 - ☒ 3. Discord
 - ☒ 4. Harmony

Q.9 Select the most appropriate option to fill in the blank.

Following weeks of intense training, the athlete _____ in the championship.

- Ans**
- ☒ 1. competed
 - ☐ 2. were competing
 - ☐ 3. have competed
 - ☐ 4. have been competing

Q.10 Select the grammatically correct sentence from the given options.

- Ans**
- ☐ 1. A salesman insisted that a payment against a purchase should be done by using a bank card.
 - ☐ 2. A salesman insisted that the payment against an purchase should be done by using the bank card.
 - ☒ 3. The salesman insisted that the payment against the purchase should be done by using a bank card.
 - ☐ 4. The salesman insisted that a payment against the purchase should be done by using an bank card.

Q.11 Select the grammatically correct sentence from the given options.

These are the works of a great poet Tagore.

- Ans**
- ☐ 1. These are the works of an great poet Tagore.
 - ☒ 2. These are the works of the great poet Tagore.
 - ☐ 3. These are the works of this great poet Tagore.
 - ☐ 4. These are the works of that great poet Tagore.

Q.12 Select the INCORRECTLY spelt word..

- Ans**
- ☐ 1. Joyful
 - ☐ 2. Peaceful
 - ☐ 3. Lovable
 - ☒ 4. Faithfull

Q.13 Select the option that best expresses the meaning of the given idiom.

When pigs fly

- Ans**
- ☒ 1. Just impossible
 - ☐ 2. In due course of time
 - ☐ 3. Correct approach
 - ☐ 4. In unity

Q.14 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The residents of Rameswaram / about the 1940s were quite / orthodox, but were also / tolerant of other communities.

- Ans**
- ☒ 1. about the 1940s were quite
 - ☐ 2. The residents of Rameswaram
 - ☐ 3. tolerant of other communities
 - ☐ 4. orthodox, but were also

Q.15 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Tremendous
 - ☐ 2. Fabulous
 - ☐ 3. Aggravate
 - ☒ 4. Obedence

Q.16 Select the most appropriate option to fill in the blank.

She is _____ of spiders.

- Ans**
- ☒ 1. afraid
 - ☐ 2. interest
 - ☐ 3. frightening
 - ☐ 4. fear

Q.17 Select the most appropriate meaning of the given idiom.

Dig up dirt

- Ans**
- ☐ 1. Hide and protect vital evidence
 - ☐ 2. Find and disclose evidence
 - ☐ 3. Enquire about a missing person
 - ☒ 4. To uncover negative information about someone or something.

Q.18 Parts of the following sentence have been given as options. Select the option that contains an error.
Dr. Oppenheimer is the exceptional movie of all the movies in recent times.

- Ans**
- ☐ 1. of all the movies
 - ☐ 2. Dr. Oppenheimer is
 - ☒ 3. the exceptional movie
 - ☐ 4. in recent times

Q.19 The following sentence has been divided into parts. One of them contains an error. Select the part that contains the error from the given options.

After months of / meticulous planning and hard work, / a team successfully launched / their innovative product to the market.

- Ans**
- ☒ 1. a team successfully launched
 - ☐ 2. meticulous planning and hard work,
 - ☐ 3. their innovative product to the market.
 - ☐ 4. After months of

Q.20 Select the most appropriate option to fill in the blank.

The cat likes to _____ in the sun during the afternoon.

- Ans**
- ☐ 1. lay
 - ☐ 2. lye
 - ☒ 3. lie
 - ☐ 4. lei

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In terms of technical difficulty, Nanga Parbat, the world's ninth (1)_____ peak, competes with K2. The first (2)_____ to the summit follows a narrow ridge. The 15,000-foot Rupal Face, a single wall of rock and ice, is located on the mountain's southern side. Climbers have dubbed the Nanga Parbat, which (3)_____ as 'naked mountain', 'Killer Mountain'. This gives Annapurna a (4)_____ of 32%, making it the most statistically dangerous of the world's 8,000-metre peaks. It is an avalanche-prone area with some technical difficulty. Climbers' misery is (5)_____ by insufficient local support, in addition to unpredictable weather and inaccessibility.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. deepest
 - ☒ 2. highest
 - ☐ 3. lengthiest
 - ☐ 4. fattest

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In terms of technical difficulty, Nanga Parbat, the world's ninth (1)_____ peak, competes with K2. The first (2)_____ to the summit follows a narrow ridge. The 15,000-foot Rupal Face, a single wall of rock and ice, is located on the mountain's southern side. Climbers have dubbed the Nanga Parbat, which (3)_____ as 'naked mountain', 'Killer Mountain'. This gives Annapurna a (4)_____ of 32%, making it the most statistically dangerous of the world's 8,000-metre peaks. It is an avalanche-prone area with some technical difficulty. Climbers' misery is (5)_____ by insufficient local support, in addition to unpredictable weather and inaccessibility.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. rise
 - ☒ 2. lift
 - ☒ 3. launch
 - ☒ 4. ascent

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In terms of technical difficulty, Nanga Parbat, the world's ninth (1)_____ peak, competes with K2. The first (2)_____ to the summit follows a narrow ridge. The 15,000-foot Rupal Face, a single wall of rock and ice, is located on the mountain's southern side. Climbers have dubbed the Nanga Parbat, which (3)_____ as 'naked mountain', 'Killer Mountain'. This gives Annapurna a (4)_____ of 32%, making it the most statistically dangerous of the world's 8,000-metre peaks. It is an avalanche-prone area with some technical difficulty. Climbers' misery is (5)_____ by insufficient local support, in addition to unpredictable weather and inaccessibility.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. transposed
 - ☒ 2. transliterates
 - ☒ 3. translates
 - ☒ 4. transcribes

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In terms of technical difficulty, Nanga Parbat, the world's ninth (1)_____ peak, competes with K2. The first (2)_____ to the summit follows a narrow ridge. The 15,000-foot Rupal Face, a single wall of rock and ice, is located on the mountain's southern side. Climbers have dubbed the Nanga Parbat, which (3)_____ as 'naked mountain', 'Killer Mountain'. This gives Annapurna a (4)_____ of 32%, making it the most statistically dangerous of the world's 8,000-metre peaks. It is an avalanche-prone area with some technical difficulty. Climbers' misery is (5)_____ by insufficient local support, in addition to unpredictable weather and inaccessibility.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. mortal rate
 - ☒ 2. fatality rate
 - ☒ 3. frailty rate
 - ☒ 4. economic rate

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

In terms of technical difficulty, Nanga Parbat, the world's ninth (1)_____ peak, competes with K2. The first (2)_____ to the summit follows a narrow ridge. The 15,000-foot Rupal Face, a single wall of rock and ice, is located on the mountain's southern side. Climbers have dubbed the Nanga Parbat, which (3)_____ as 'naked mountain', 'Killer Mountain'. This gives Annapurna a (4)_____ of 32%, making it the most statistically dangerous of the world's 8,000-metre peaks. It is an avalanche-prone area with some technical difficulty. Climbers' misery is (5)_____ by insufficient local support, in addition to unpredictable weather and inaccessibility.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. exacerbated
 - ☒ 2. increasingly
 - ☒ 3. worst
 - ☒ 4. perfectly

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	13/11/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 The radius of a circle is equal to the side of a square. The perimeters of the square and circle are in the ratio 7 : 11, then the ratio of the areas will be:(Use $\pi = 22/7$)

- Ans
- ☐ 1. 14 : 22
 - ☒ 2. 7 : 22
 - ☐ 3. 22 : 7
 - ☐ 4. 22 : 14

Q.2 A shopkeeper sells one-fourth of his items at a loss of 12%, one-third of the remaining items at a profit of 44%, and the rest at a loss of 7%. What is his overall profit/loss percentage?

- Ans
- ☐ 1. 2% gain
 - ☐ 2. 4.5% loss
 - ☐ 3. 2% loss
 - ☒ 4. 4.5% gain

Q.3 The average age of the 28 boys in a class is 16 years and that of the 26 girls is 15 years. The approximate average age (in years) for the whole class is:

- Ans
- ☐ 1. 15
 - ☒ 2. $15\frac{1}{2}$
 - ☐ 3. $14\frac{3}{4}$
 - ☐ 4. $14\frac{1}{2}$

Q.4 A certain shopping site gave successive discounts of 20% and 30% on purses during a new year sale. What is the actual discount received by the customer?

- Ans
- ☒ 1. 44%
 - ☐ 2. 41%
 - ☐ 3. 47%
 - ☐ 4. 39%

Q.5 A shopkeeper mixes three types of pulses costing ₹88/kg, ₹72/kg and ₹62/kg in the ratio of 5 : 2 : 3. The average cost (in ₹) of the mixture per kg is:

- Ans
- ☐ 1. 89
 - ☒ 2. 77
 - ☐ 3. 97
 - ☐ 4. 84

Q.6 Annu buys a dress from an online designer portal during a festival sale, marked at a price of ₹9,600. She gets a 15% festive discount and a further 10% discount on checkout as it is her first order from the site. How much did she actually pay for the dress?

- Ans
- ☒ 1. ₹7,344
 - ☐ 2. ₹7,934
 - ☐ 3. ₹7,554
 - ☐ 4. ₹8,160

Q.7 A thief Rohan is spotted by a policeman Ramesh from a distance of 250 m. When they see each other, they start running. How much distance is covered by Rohan, who is running at the speed of 20 km/h, before being caught by Ramesh, who is running at the speed of 25 km/h?

- Ans**
- ☒ 1. 1 km
 - ☐ 2. 3 km
 - ☐ 3. 4 km
 - ☐ 4. 2 km

Q.8 The ratio of two numbers is 15 : 26. If the difference between the numbers is 352, then find the smallest number.

- Ans**
- ☐ 1. 238
 - ☒ 2. 480
 - ☐ 3. 840
 - ☐ 4. 832

Q.9 A bank gives back ₹ 1,50,000 when an amount of ₹ 1,30,000 is deposited. What is the percentage of profit if S deposits ₹ 1,30,000 in the same bank for a year? (Correct up to 2 decimal digits)

- Ans**
- ☐ 1. 15.83%
 - ☐ 2. 13.58%
 - ☒ 3. 15.38%
 - ☐ 4. 13.85%

Q.10 Calculate the simple interest on ₹36,000 at $8\frac{1}{3}\%$ per annum for a period of 7 months.

- Ans**
- ☐ 1. ₹1,700
 - ☐ 2. ₹1,850
 - ☐ 3. ₹1,800
 - ☒ 4. ₹1,750

Q.11 Simplify the following.
 $24 \div 3$ of $2 \times 4 + 30 \div 6$ of $3 \times 7 - 4 \div 12 \times 11$

- Ans**
- ☐ 1. $\frac{35}{3}$
 - ☒ 2. 24
 - ☐ 3. 12
 - ☐ 4. $\frac{25}{3}$

Q.12 Find the cost of painting (in ₹) a solid metallic sphere of radius 12 cm at the rate of ₹7/cm² (use $\pi = \frac{22}{7}$).

- Ans**
- ☐ 1. 12689
 - ☒ 2. 12672
 - ☐ 3. 11889
 - ☐ 4. 11368

Q.13 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 71 kg and 36 kg is:

- Ans**
- ☒ 1. 50.4
 - ☐ 2. 51.4
 - ☐ 3. 49.4
 - ☐ 4. 52.4

Q.14 Find the greatest possible length which can be used to measure exactly the lengths 2 m 25 cm, 2 m 70 cm, 3 m 15 cm.

- Ans**
- ☐ 1. 35 cm
 - ☐ 2. 15 cm
 - ☐ 3. 25 cm
 - ☒ 4. 45 cm

Q.15 What sum (in ₹) will earn a simple interest of ₹240 in 4 years at 4% per year rate of interest?

- Ans**
- ☐ 1. 750
 - ☐ 2. 2000
 - ☐ 3. 3000
 - ☒ 4. 1500

Q.16 The internal and external diameters of a bowl in the shape of a hemisphere are 26.6 cm and 28 cm, respectively. What is the cost (in ₹, to the nearest rupee) of painting it, all over, at the rate of ₹3.75/cm²?

(Take $\pi = \frac{22}{7}$)

- Ans**
- ☐ 1. 9,000
 - ☒ 2. 9,015
 - ☐ 3. 8,950
 - ☐ 4. 9,380

Q.17 Two trains start at the same time from Agra and Meerut and proceed towards each other at speeds of 16 km/h and 32 km/h, respectively. When they meet, it is found that one train has travelled 64 km more than the other. The distance between the two stations is:

- Ans**
- ☐ 1. 208km
 - ☒ 2. 192km
 - ☐ 3. 176km
 - ☐ 4. 156km

Q.18 Find the simple interest (in ₹) on ₹2000 as a sum borrowed at 6% per year rate of interest for 4 years.

- Ans**
- ☐ 1. 520
 - ☐ 2. 420
 - ☒ 3. 480
 - ☐ 4. 440

Q.19 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 71 kg and 35 kg is:

- Ans**
- ☐ 1. 49.2
 - ☐ 2. 52.2
 - ☐ 3. 51.2
 - ☒ 4. 50.2

Q.20 Find the gain percentage, given that Aditi sold her scooter for ₹53585 gaining $\frac{1}{5}$ th of the selling price.

- Ans**
- ☐ 1. 15%
 - ☐ 2. 35%
 - ☐ 3. 40%
 - ☒ 4. 25%

Q.1 M, N, O, P, Q, R and S are sitting around a circular table facing the centre (but not necessarily in the same order). Q sits second to the right of M. P sits third to the left of M. N is an immediate neighbour of S and P. R is not an immediate neighbour of P. Who sits third to the left of R ?

- Ans**
- ☒ 1. S
 - ☒ 2. N
 - ☒ 3. M
 - ☒ 4. O

Q.2 What will come in the place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $75 \div 27 \times 27 + 93 - 20 = ?$

- Ans**
- ☒ 1. 3
 - ☒ 2. 2
 - ☒ 3. 4
 - ☒ 4. 5

Q.3 FHKE is related to MORL in a certain way based on the English alphabetical order. In the same way, JLOI is related to QSPV. To which of the following is NPSM related, following the same logic?

- Ans**
- ☒ 1. WUZZ
 - ☒ 2. UWTZ
 - ☒ 3. WUTZ
 - ☒ 4. UWZT

Q.4 In a certain code language, 'BAKED' is coded as '02-01-11-05-04' and 'MORE' is coded as '13-15-18-05'. How is 'EXTRA' coded in the given language?

- Ans**
- ☒ 1. 05-24-20-18-01
 - ☒ 2. 04-23-20-16-02
 - ☒ 3. 05-23-20-17-01
 - ☒ 4. 04-24-20-18-01

Q.5 Six players Jadeja, Ashwin, Karthik, Murli, Sarfaraz and Virat are sitting around a circular table, facing the centre (but not necessarily in the same order). Virat is sitting to the immediate right of Jadeja. Only Sarfaraz is sitting between Virat and Murli. Jadeja is an immediate neighbour of Ashwin. Who is immediate neighbour of both Sarfaraz and Jadeja?

- Ans**
- ☒ 1. Virat
 - ☒ 2. Murli
 - ☒ 3. Ashwin
 - ☒ 4. Karthik

Q.6 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(10, 8, 65)
(16, 6, 81)
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding /deleting /multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. (7, 5, 20)
 - ☒ 2. (5, 15, 65)
 - ☒ 3. (12, 4, 114)
 - ☒ 4. (4, 9, 16)

Q.7 What will come in place of the question mark (?) in the following equation if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $24 \div 6 + 18 \times 9 - 2 = ?$

- Ans**
- ☒ 1. 155
 - ☒ 2. 144
 - ☒ 3. 122
 - ☒ 4. 166

Q.8 In a certain code language, 'GAVE' is coded as '7485' and 'CAGE' is coded as '4589'. What is the code for 'C' in that language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 5
 - ☒ 3. 9
 - ☐ 4. 7

Q.9 What should come in place of '?' in the given series?

13, 24, 75, 296, 1485, ?

- Ans**
- ☐ 1. 7420
 - ☐ 2. 8916
 - ☐ 3. 7430
 - ☒ 4. 8904

Q.10 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusion(s) logically follow(s) from the statement(s).

Statements:

Some parks are theatres.

Some theatres are malls.

Conclusions:

(I) Some theatres are parks.

(II) Some malls are theatres.

- Ans**
- ☐ 1. Only conclusion II follows.
 - ☐ 2. Only conclusion I follows.
 - ☐ 3. Neither conclusion I nor II follows.
 - ☒ 4. Both conclusions I and II follow.

Q.11 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

11, 56

15, 76

- Ans**
- ☐ 1. 19, 95
 - ☒ 2. 19, 96
 - ☐ 3. 18, 96
 - ☐ 4. 18, 95

Q.12 In a certain code language, 'GAME' is coded as '5279' and 'META' is coded as '7942'. What is the code for 'T' in that language?

- Ans**
- ☐ 1. 5
 - ☒ 2. 4
 - ☐ 3. 7
 - ☐ 4. 9

Q.13 UMSO is related to RJPL in a certain way based on the English alphabetical order. In the same way, QIOK is related to NFLH. To which of the following is MEKG related, following the same logic?

- Ans**
- ☐ 1. JBHDH
 - ☐ 2. BJHD
 - ☒ 3. JBHD
 - ☐ 4. BJDH

Q.14 146 is related to 208.4 following a certain logic. Following the same logic, 112 is related to 174.4. To which of the following is 135 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
-  1. 179.4
 -  2. 197.4
 -  3. 192.4
 -  4. 188.4

Q.15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

A. Some dogs are frogs.

B. Some swans are dogs.

Conclusions:

I. Some frogs are swans.

II. No dogs are swans.

- Ans**
-  1. Only conclusion II follows.
 -  2. Only conclusion I follows.
 -  3. None of the conclusions follow.
 -  4. Both the conclusions follow.

Q.16 In a certain code language, 'FISH' is coded as '8426' and 'SAND' is coded as '5749'. What is the code for 'S' in the given code language?

- Ans**
-  1. 4
 -  2. 2
 -  3. 5
 -  4. 9

Q.17 Three statements are given, followed by two conclusions numbered 1 and 2. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

All Mangoes are Kiwis

All Kiwis are Guavas

No Guava is an Apple

Conclusions:

1. All Apples are Mangoes

2. Some Guavas are Apples

- Ans**
-  1. Only conclusion 1 follows
 -  2. Only conclusion 2 follows
 -  3. Both conclusions 1 and 2 follow
 -  4. Neither conclusion 1 nor 2 follows

Q.18 What should come in place of the question mark (?) in the following series?

13, 44, 75, 106, 137, ?

- Ans**
-  1. 166
 -  2. 178
 -  3. 168
 -  4. 159

Q.19 Find the missing term in the below series:

F, I, K, N, P, ?, U.

- Ans**
-  1. T
 -  2. V
 -  3. S
 -  4. R

Q.20 KL42 is related to PQ50 in a certain way. In the same way, RS52 is related to WX60. To which of the following is DE62 related, following the same logic?

Ans  1. IG17
 2. IK17
 3. JI70
 4. IJ70

Section : **General Awareness**

Q.1 In which year did India host the FIFA U 17 Women's Football World Cup?

Ans  1. 2020
 2. 2021
 3. 2022
 4. 2019

Q.2 How many artists are selected for the one-time Sangeet Natak Akademi Amrit Award, 2022?

Ans  1. 60
 2. 86
 3. 100
 4. 75

Q.3 Why will a person weigh more at the north or south pole?

Ans  1. Due to variation in centripetal force of earth with altitude
 2. Due to variation in centripetal force of earth with latitude
 3. Due to variation in centrifugal force of earth with latitude
 4. Due to Earth's distance from the sun

Q.4 Which region in India has the highest concentration of Iron and Steel Industry?

Ans  1. Deccan Plateau
 2. Chotanagpur plateau
 3. Telangana Plateau
 4. Aravali region

Q.5 Which of the following statements is/are true about the Cholas?

- 1 The capital of the Chola kingdom was Tanjore.
2 Vikram Chola had in his veins the blood of the Cholas and Eastern Chalukyas.
3 Rajendra I Chola is known as Gangaikonda Chola.

Ans  1. All 1, 2 and 3
 2. Only 1 and 2
 3. Only 2 and 3
 4. Only 1 and 3

Q.6 What is the tenure of a Governor?

Ans  1. 6 years
 2. 5 years
 3. 2 years
 4. 10 Years

Q.7 _____ was an Indian mandolinist who was a master composer of the Carnatic style of classical music.

Ans  1. Narasimhan Ravikiran
 2. Uppalapu Srinivas
 3. R Prasanna
 4. Kunnakudi Vaidyanathan

Q.8 The title of the autobiography of famous cricketer of Pakistan Imran Khan is:

- Ans**
- ☐ 1. Game Changer
 - ☐ 2. My Fight / Your Fight
 - ☒ 3. All Round View
 - ☐ 4. Goal

Q.9 According to the census of India 2011, which union territory of India has the highest literacy rate?

- Ans**
- ☐ 1. Puducherry
 - ☐ 2. Delhi
 - ☐ 3. Chandigarh
 - ☒ 4. Lakshadweep

Q.10 In which of the following dance performance is the main percussion instrument Edakka used?

- Ans**
- ☐ 1. Kathak
 - ☐ 2. Bharatanatyam
 - ☐ 3. Odissi
 - ☒ 4. Mohiniattam

Q.11 Who appointed the 'Hunter Commission' for Educational Reforms in 1882?

- Ans**
- ☐ 1. Lord Ellenborough
 - ☐ 2. John Lawrence
 - ☒ 3. Lord Ripon
 - ☐ 4. Robert Lytton

Q.12 Which poet composed the Allahabad Prashasti of Samudragupta?

- Ans**
- ☐ 1. Vasul
 - ☐ 2. Banabhatta
 - ☒ 3. Harisena
 - ☐ 4. Vatsbhatti

Q.13 Which of the following sessions of the Indian National Congress was headed by Sarojini Naidu?

- Ans**
- ☐ 1. Madras, 1927
 - ☐ 2. Lahore, 1929
 - ☒ 3. Kanpur, 1925
 - ☐ 4. Karachi, 1931

Q.14 During the framing of the Indian Constitution, the Constituent Assembly held a total of eleven sessions, with sittings spread over for how many days?

- Ans**
- ☐ 1. 180
 - ☐ 2. 132
 - ☒ 3. 165
 - ☐ 4. 115

Q.15 The Government of India in collaboration with _____ has launched the Skills on Wheels mission in Oct 2023 for equipping rural youth with employable skills.

- Ans**
- ☐ 1. NABARD
 - ☐ 2. HDFC Bank
 - ☒ 3. IndusInd Bank
 - ☐ 4. ICICI Bank

Q.16 In which of the following types of regions, is the maximum temperature variation observed between a day and the same night?

- Ans**
- ☐ 1. Peninsula
 - ☐ 2. Island
 - ☒ 3. Desert
 - ☐ 4. Coastal area

Q.17 Major Dhyan Chand Khel Ratna Award is given for the spectacular and most outstanding performance in the field of sports by a sportsperson over a period of the previous four years. In 2021, the awardee for para shooting was:

- Ans**
- ☐ 1. Anju Bobby George
 - ☒ 2. Avani Lekhara
 - ☐ 3. Neeraj Chopra
 - ☐ 4. Chanu Saikhom Mirabai

Q.18 Which famous monument of Vijayapura has a Whispering Gallery, where subtle sounds can be heard clearly even from a distance of 37 metres?

- Ans**
- ☒ 1. Gol Gumbaz
 - ☐ 2. Gagan Mahal
 - ☐ 3. Upli Buruj
 - ☐ 4. Saath Kabar

Q.19 Which of the following sectors engaged the largest percentage of women workers in the year 2019-2020?

- Ans**
- ☐ 1. Service
 - ☐ 2. Industry
 - ☐ 3. Mining
 - ☒ 4. Agriculture

Q.20 For most of the ecosystem, what is the primary source of energy?

- Ans**
- ☐ 1. Water
 - ☐ 2. Wind
 - ☐ 3. Geothermal energy
 - ☒ 4. Sunlight

Q.21 Which festival is celebrated as the birth anniversary of Prophet Muhammad?

- Ans**
- ☐ 1. Id-ul-zuha
 - ☐ 2. Eid-ul-fitr
 - ☒ 3. Milad-un-nabi
 - ☐ 4. Shab-i-barat

Q.22 The concept of the Self-Help Group Bank Linkage Program was introduced by:

- Ans**
- ☒ 1. NABARD
 - ☐ 2. SIDBI
 - ☐ 3. RBI
 - ☐ 4. SBI

Q.23 Which substance is commonly added to tap water to make it safe for drinking by killing harmful microorganisms?

- Ans**
- ☐ 1. Calcium
 - ☒ 2. Chlorine
 - ☐ 3. Fluoride
 - ☐ 4. Iron

Q.24 Which local storm is also known as 'Kalbaisakhi'?

- Ans**
- ☐ 1. Mango Shower
 - ☐ 2. Loo
 - ☒ 3. Nor Westers
 - ☐ 4. Blossom Shower

Q.25 Which Indian state's cabinet approved the proposal for recommending the inclusion of the Kui language in the eighth schedule in July 2023?

- Ans**
- ☒ 1. Odisha
 - ☐ 2. Karnataka
 - ☐ 3. West Bengal
 - ☐ 4. Tamil Nadu

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to fill in the blank.

I am not going to pay a _____ for this broken CD.

- Ans**
- ☐ 1. sent
 - ☐ 2. scent
 - ☒ 3. cent
 - ☐ 4. send

Q.2 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

Manoj has a bigger / farmhouse of one hundred / hectares near the city.

- Ans**
- ☐ 1. No error
 - ☐ 2. farmhouse of one hundred
 - ☒ 3. Manoj has a bigger
 - ☐ 4. hectares near the city.

Q.3 Select the most appropriate option to fill in the blank.

The _____ of the novel kept me hooked from the beginning to the end.

- Ans**
- ☐ 1. orchestra
 - ☐ 2. archaic
 - ☐ 3. settlement
 - ☒ 4. plot

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error. They worked / very hardly / on their project / for several weeks.

- Ans**
- ☐ 1. on their project
 - ☐ 2. for several weeks
 - ☒ 3. very hardly
 - ☐ 4. They worked

Q.5 Select the most appropriate option to fill in the blank and complete the given idiom.

That's great! You keep everything under your _____.

- Ans**
- ☐ 1. eyes
 - ☒ 2. thumb
 - ☐ 3. legs
 - ☐ 4. hands

Q.6 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Cruelly
 - ☐ 2. Hypocrisy
 - ☒ 3. Secresy
 - ☐ 4. Luggage

Q.7 Select the most appropriate ANTONYM of the given word.

Benevolent

- Ans**
- ☐ 1. Opulent
 - ☐ 2. Violent
 - ☒ 3. Malevolent
 - ☐ 4. Eminent

Q.8 Select the most appropriate meaning of the given idiom.
My hands are full

- Ans**
- ☐ 1. To panic
 - ☐ 2. To dislike someone
 - ☒ 3. To be very busy
 - ☐ 4. To go directly towards something

Q.9 Select the INCORRECTLY spelt word..

- Ans**
- ☐ 1. Conscientiousness
 - ☐ 2. Exaggerate
 - ☒ 3. Perseverence
 - ☐ 4. Accommodate

Q.10 Select the most appropriate synonym of the given word.
Whim

- Ans**
- ☐ 1. Factualness
 - ☐ 2. Antiquity
 - ☐ 3. Bloodiness
 - ☒ 4. Fancy

Q.11 Select the option that can be used as a one-word substitute for the given group of words.
The land that is best suitable for growing crops

- Ans**
- ☐ 1. Rustic
 - ☐ 2. Barren
 - ☒ 3. Arable
 - ☐ 4. Fruitful

Q.12 Select the correctly spelt word to fill in the blank and make the sentence meaningful.

Before retiring, Kaul had been teaching physics at the university for three _____.

- Ans**
- ☒ 1. decades
 - ☐ 2. edecamals
 - ☐ 3. decimals
 - ☐ 4. decadents

Q.13 Select the most appropriate synonym of the given word.
Appease

- Ans**
- ☐ 1. Appeal
 - ☐ 2. Force
 - ☐ 3. Aggravate
 - ☒ 4. Pacify

Q.14 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
His artwork is / more intricate / than any artist / in the gallery.

- Ans**
- ☐ 1. more intricate
 - ☐ 2. His artwork is
 - ☒ 3. than any artist
 - ☐ 4. in the gallery

Q.15 Select the most appropriate word segment that can replace the underlined part in the sentence.

The two thieves divided the looted money with themselves.

- Ans**
- ☐ 1. off themselves
 - ☐ 2. of themselves
 - ☐ 3. among themselves
 - ☒ 4. between themselves

Q.16 Select the most appropriate synonym of the given word.
Destroy

- Ans**
- ☐ 1. Fabricate
 - ☐ 2. Delight
 - ☐ 3. Decline
 - ☒ 4. Ruin

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Autumn leaves shuffled beneath him as he wandered through the quiet forest.

- Ans**
- ☐ 1. crushed around
 - ☐ 2. moved to another place
 - ☒ 3. rustled underfoot
 - ☐ 4. died over

Q.18 In the following sentence the underlined part contains an error. Alternatives to the underlined part are given as options.
Select the correct alternative.

Poverty is the urgent concern in India today.

- Ans**
- ☐ 1. urgenter
 - ☐ 2. urgentest
 - ☐ 3. more urgent
 - ☒ 4. most urgent

Q.19 In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options.
Select the correct alternative.

The water near the coast was shallower and clean.

- Ans**
- ☐ 1. the shallowest
 - ☒ 2. shallow
 - ☐ 3. more shallow
 - ☐ 4. shallowest

Q.20 The given sentence is divided into four segments. Select the option that has the segment with a grammatical error.
He has / no / influence about / me.

- Ans**
- ☐ 1. me.
 - ☒ 2. influence about
 - ☐ 3. no
 - ☐ 4. he has

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The eye of an ostrich is larger than its brain. Of all birds, ostriches have the 1. _____ eyes. Their eyes are the size of a pool ball, measuring around 2 inches in diameter. Their size is five times greater than that of human eyes. Ostriches have excellent vision, so their enormous eyes aren't just for show. Because of their height and keen 2. _____, the birds can see well over great distances, enabling them to identify potential 3. _____ before they approach.

In general, compared to mammals of comparable size, birds often have smaller brains. Ostrich brains are approximately 1.5 inches in width, the study found. Additionally, their average brain weight is almost 17 times lower than that of the three other 4. _____. When comparing the brain-to-body weight ratio of the other birds, the ostrich's brain was lighter than their body weight.

Some other facts concerning these birds are what set them apart. All other birds have three or four toes; this magnificent creature has only two. Ostriches bend their knees in a forward orientation; thus, they kick forward rather than backward. Furthermore, ostriches do not require water because they produce some of it internally and obtain the 5. _____ from the plants they consume.

SubQuestion No : 21

Q.21 Select the most appropriate option for blank 1.

- Ans
- ☒ 1. big
 - ☒ 2. biggest
 - ☒ 3. more big
 - ☒ 4. bigger

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The eye of an ostrich is larger than its brain. Of all birds, ostriches have the 1. _____ eyes. Their eyes are the size of a pool ball, measuring around 2 inches in diameter. Their size is five times greater than that of human eyes. Ostriches have excellent vision, so their enormous eyes aren't just for show. Because of their height and keen 2. _____, the birds can see well over great distances, enabling them to identify potential 3. _____ before they approach.

In general, compared to mammals of comparable size, birds often have smaller brains. Ostrich brains are approximately 1.5 inches in width, the study found. Additionally, their average brain weight is almost 17 times lower than that of the three other 4. _____. When comparing the brain-to-body weight ratio of the other birds, the ostrich's brain was lighter than their body weight.

Some other facts concerning these birds are what set them apart. All other birds have three or four toes; this magnificent creature has only two. Ostriches bend their knees in a forward orientation; thus, they kick forward rather than backward. Furthermore, ostriches do not require water because they produce some of it internally and obtain the 5. _____ from the plants they consume.

SubQuestion No : 22

Q.22 Select the most appropriate option for blank 2.

- Ans
- ☒ 1. allusion
 - ☒ 2. illusion
 - ☒ 3. vision
 - ☒ 4. delusion

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The eye of an ostrich is larger than its brain. Of all birds, ostriches have the 1. _____ eyes. Their eyes are the size of a pool ball, measuring around 2 inches in diameter. Their size is five times greater than that of human eyes. Ostriches have excellent vision, so their enormous eyes aren't just for show. Because of their height and keen 2. _____, the birds can see well over great distances, enabling them to identify potential 3. _____ before they approach.

In general, compared to mammals of comparable size, birds often have smaller brains. Ostrich brains are approximately 1.5 inches in width, the study found. Additionally, their average brain weight is almost 17 times lower than that of the three other 4. _____. When comparing the brain-to-body weight ratio of the other birds, the ostrich's brain was lighter than their body weight.

Some other facts concerning these birds are what set them apart. All other birds have three or four toes; this magnificent creature has only two. Ostriches bend their knees in a forward orientation; thus, they kick forward rather than backward. Furthermore, ostriches do not require water because they produce some of it internally and obtain the 5. _____ from the plants they consume.

SubQuestion No : 23

Q.23 Select the most appropriate option for blank 3.

- Ans
- ☒ 1. predators
 - ☒ 2. tours
 - ☒ 3. quarry
 - ☒ 4. victims

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The eye of an ostrich is larger than its brain. Of all birds, ostriches have the 1. _____ eyes. Their eyes are the size of a pool ball, measuring around 2 inches in diameter. Their size is five times greater than that of human eyes. Ostriches have excellent vision, so their enormous eyes aren't just for show. Because of their height and keen 2. _____, the birds can see well over great distances, enabling them to identify potential 3. _____ before they approach.

In general, compared to mammals of comparable size, birds often have smaller brains. Ostrich brains are approximately 1.5 inches in width, the study found. Additionally, their average brain weight is almost 17 times lower than that of the three other 4. _____. When comparing the brain-to-body weight ratio of the other birds, the ostrich's brain was lighter than their body weight.

Some other facts concerning these birds are what set them apart. All other birds have three or four toes; this magnificent creature has only two. Ostriches bend their knees in a forward orientation; thus, they kick forward rather than backward. Furthermore, ostriches do not require water because they produce some of it internally and obtain the 5. _____ from the plants they consume.

SubQuestion No : 24

Q.24 Select the most appropriate option for blank 4.

- Ans**
- ☒ 1. species
 - ☐ 2. case
 - ☐ 3. property
 - ☐ 4. typical

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

The eye of an ostrich is larger than its brain. Of all birds, ostriches have the 1. _____ eyes. Their eyes are the size of a pool ball, measuring around 2 inches in diameter. Their size is five times greater than that of human eyes. Ostriches have excellent vision, so their enormous eyes aren't just for show. Because of their height and keen 2. _____, the birds can see well over great distances, enabling them to identify potential 3. _____ before they approach.

In general, compared to mammals of comparable size, birds often have smaller brains. Ostrich brains are approximately 1.5 inches in width, the study found. Additionally, their average brain weight is almost 17 times lower than that of the three other 4. _____. When comparing the brain-to-body weight ratio of the other birds, the ostrich's brain was lighter than their body weight.

Some other facts concerning these birds are what set them apart. All other birds have three or four toes; this magnificent creature has only two. Ostriches bend their knees in a forward orientation; thus, they kick forward rather than backward. Furthermore, ostriches do not require water because they produce some of it internally and obtain the 5. _____ from the plants they consume.

SubQuestion No : 25

Q.25 Select the most appropriate option for blank 5.

- Ans**
- ☒ 1. remainder
 - ☐ 2. lesser
 - ☐ 3. each
 - ☐ 4. every

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	13/11/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 40 kg, 49 kg, 56 kg, 68 kg এবং 37 kg ওজন বিশিষ্ট পাঁচজন সদস্যের একটি পরিবারের গড় ওজন (kg তে) কত হবে?

- Ans
- ☒ 1. 50
 - ☐ 2. 49
 - ☐ 3. 51
 - ☐ 4. 52

Q.2 যদি $49 : x :: x : 81$ এবং $64 : y :: y : 169$ হয়, যেখানে x এবং y উভয়ই স্বাভাবিক সংখ্যা, তাহলে $2x + 3y$ এর মান নির্ণয় করুন।

- Ans
- ☐ 1. 312
 - ☒ 2. 438
 - ☐ 3. 348
 - ☐ 4. 126

Q.3 40 kg, 49 kg, 56 kg, 69 kg এবং 39 kg ওজন বিশিষ্ট পাঁচজন সদস্যের একটি পরিবারের গড় ওজন (kg তে) কত হবে?

- Ans
- ☐ 1. 51.6
 - ☐ 2. 52.6
 - ☐ 3. 49.6
 - ☒ 4. 50.6

Q.4 বার্ষিক 20% সুদের হারে 2 বছরে কত পরিমাণ অর্থরাশি (টাকায়) থেকে ₹360 সরল সুদ পাওয়া যাবে?

- Ans
- ☐ 1. 1200
 - ☐ 2. 1800
 - ☒ 3. 900
 - ☐ 4. 450

Q.5 একটি ক্রীড়াবিদদের দলে, 20 জন কুস্তিগীরের গড় ওজন 90 kg, কিছু অ্যাথলিটের গড় ওজন 68 kg। যদি সমস্ত ক্রীড়াবিদদের গড় ওজন 78 kg হয়, তাহলে অ্যাথলিটের সংখ্যা কত?

- Ans
- ☐ 1. 30
 - ☒ 2. 24
 - ☐ 3. 52
 - ☐ 4. 39

Q.6 একটি বই মুদ্রিতমূল্যে অর্থাৎ, ₹480 তে বিক্রি করে একজন দোকানদার 20% লাভ করেন। সেলের সময়, দোকানদার মুদ্রিতমূল্যের উপর 10% ছাড় দেন। সেলের সময় তার শতকরা লাভ কত?

- Ans
- ☐ 1. 18%
 - ☐ 2. 16%
 - ☐ 3. 12%
 - ☒ 4. 8%

Q.7 একটি আয়তক্ষেত্রের দৈর্ঘ্য এবং প্রস্থ যথাক্রমে 7 cm এবং 5 cm হলে, আয়তক্ষেত্রটির ক্ষেত্রফল কত হবে ?

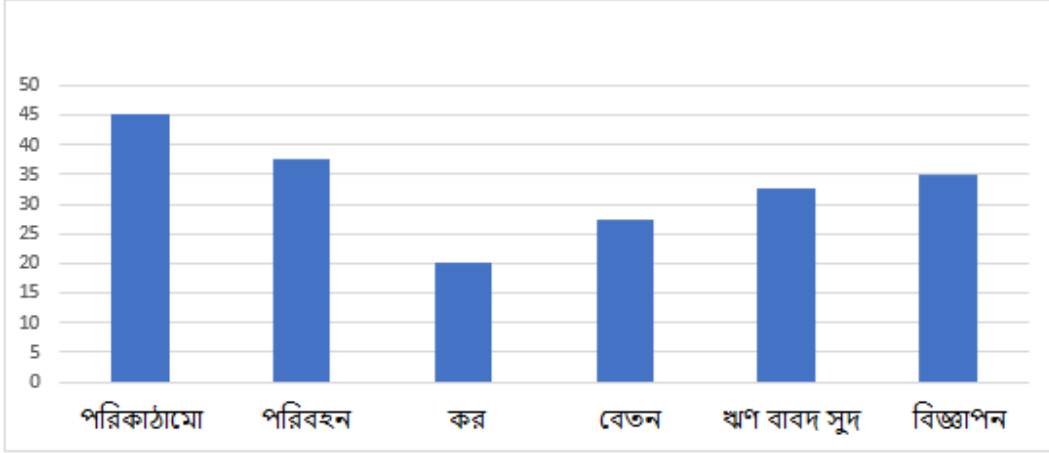
- Ans
- ☐ 1. 12 cm^2
 - ☐ 2. 28 cm^2
 - ☐ 3. 30 cm^2
 - ☒ 4. 35 cm^2

Q.8 একটি লম্ব বৃত্তাকার চোঙের ভূমির ব্যাস 98 cm এবং উচ্চতা 42 cm । চোঙটির সমগ্রতলের ক্ষেত্রফল নির্ণয় করুন।

$(\pi = \frac{22}{7} \text{ ব্যবহার করুন})$

- Ans
- ☐ 1. 20882 cm²
 - ☒ 2. 28028 cm²
 - ☐ 3. 20828 cm²
 - ☐ 4. 28082 cm²

Q.9 প্রদত্ত বার গ্রাফটি 2022 সালে, বিভিন্ন খাতের অধীনে একটি বিদ্যালয়ের মোট ব্যয়ের বন্টন (শত সংখ্যায়) দেখায়।



ওই বিদ্যালয়ের মোট ব্যয়ের পরিমাণ, বিজ্ঞাপন খাতে হওয়া ব্যয়ের কত গুণ?

- Ans
- ☐ 1. 18 গুণ
 - ☐ 2. 20 গুণ
 - ☐ 3. $\frac{97}{14}$ গুণ
 - ☒ 4. $\frac{79}{14}$ গুণ

Q.10 রমেশ Rs.460 তে একটি ঘড়ি কিনে Rs.414 তে বিক্রি করে। তার ক্ষতির শতাংশ কত?

- Ans
- ☐ 1. 11%
 - ☒ 2. 10%
 - ☐ 3. 20%
 - ☐ 4. 5%

Q.11 একজন ব্যক্তি 21 ঘন্টায় একটি যাত্রা সম্পূর্ণ করতে পারেন। তিনি 40 km/h বেগে যাত্রার প্রথম এক-তৃতীয়াংশ এবং বাকি দূরত্ব 60 km/h গতিতে অতিক্রম করেন। তার যাত্রার মোট দূরত্ব কত?

- Ans
- ☐ 1. 1140 km
 - ☐ 2. 360 km
 - ☐ 3. 720 km
 - ☒ 4. 1080 km

Q.12 একটি স্কুলের পরীক্ষায় ছেলেদের গড় নম্বর 71 এবং মেয়েদের গড় নম্বর 73 এবং স্কুলের গড় নম্বর 71.8 হলে, পরীক্ষায় অংশ নেওয়া ছেলেদের এবং মেয়েদের সংখ্যার অনুপাত কত?

- Ans
- ☐ 1. 4 : 3
 - ☐ 2. 3 : 4
 - ☒ 3. 3 : 2
 - ☐ 4. 2 : 3

Q.13 বার্ষিক 20% সুদের হারে 3 বছরে কত পরিমাণ অর্থরশি (বৈতে) থেকে ₹240 সরল সুদ পাওয়া যাবে?

- Ans
- ☐ 1. 200
 - ☐ 2. 800
 - ☒ 3. 400
 - ☐ 4. 600

Q.14 একটি নিরেট লম্ব বৃত্তাকার শঙ্কুর ব্যাসার্ধ 36 cm এবং এর উচ্চতা 105 cm। শঙ্কুর সমগ্রতলের ক্ষেত্রফল (cm² এ) নির্ণয় করুন। ($\pi = \frac{22}{7}$ ধরুন)

- Ans
- ☐ 1. 17838
 - ☒ 2. 16632
 - ☐ 3. 18821
 - ☐ 4. 14856

Q.15 আরিয়ানের উচ্চতা ছিল 120 cm। 1 বছর পরে, তার উচ্চতা 15% বৃদ্ধি পায় এবং পরবর্তী 1 বছরে, তার উচ্চতা 16% বৃদ্ধি পায়। দ্বিতীয় বছর পর আরিয়ানের উচ্চতা (cm তে) কত হবে?

- Ans
- ☐ 1. 161.08
 - ☐ 2. 138
 - ☒ 3. 160.08
 - ☐ 4. 150.56

Q.16 6 বছরের জন্য 6% এবং 8 বছরের জন্য 8% বার্ষিক হারে একটি নির্দিষ্ট পরিমাণ অর্থরাশির সরল সুদের পার্থক্য ₹1,176 হলে, অর্থরাশির পরিমাণ কত?

- Ans
- ☐ 1. ₹4,000
 - ☒ 2. ₹4,200
 - ☐ 3. ₹4,400
 - ☐ 4. ₹3,800

Q.17 যদি দুটি সংখ্যার লসাগু ও গসাগু এর গুণফল 24 এবং সংখ্যা দুটির পার্থক্য 2 হয়, তাহলে সংখ্যাদুটি নির্ণয় করুন।

- Ans
- ☐ 1. 8 এবং 6
 - ☐ 2. 2 এবং 4
 - ☒ 3. 6 এবং 4
 - ☐ 4. 5 এবং 3

Q.18 প্রদত্ত সারণীটি অধ্যয়ন করুন এবং নিম্নলিখিত প্রশ্নের উত্তর দিন।

সারণীটি A, B এবং C তিনজন শিক্ষার্থীর গণিত, রসায়ন এবং পদার্থবিজ্ঞানে প্রাপ্ত নম্বরগুলি দেখায়।

প্রত্যেক বিষয়ের পূর্ণমান 100।

বিষয় → শিক্ষার্থী ↓	গণিত	রসায়ন	পদার্থ বিজ্ঞান
A	80	74	72
B	82	79	70
C	77	71	73

গণিতে সকল শিক্ষার্থীর গড় নম্বর এবং পদার্থবিদ্যায় সকল শিক্ষার্থীর গড় নম্বরের পার্থক্য কত?

- Ans
- ☐ 1. 8.5
 - ☐ 2. 6
 - ☐ 3. 6.5
 - ☒ 4. 8

Q.19 একজন ব্যক্তি 60 km/h বেগে গাড়িতে করে 30 km এবং বাকি 20 km পথ সাইকেলে অতিক্রম করে। তার পুরো যাত্রা 3 ঘণ্টায় সম্পন্ন হয়। সাইকেলের গতি (km/h এ) কত?

- Ans
- ☐ 1. 12
 - ☐ 2. 10
 - ☐ 3. 6
 - ☒ 4. 8

Q.20 কোমল তার স্ক্রুটারটি ₹1980-এ বিক্রয় করে বিক্রয় মূল্যের $\frac{1}{5}$ অংশ লাভ করলে, তার লাভের শতাংশ নির্ণয় করুন।

- Ans
- ☐ 1. 45%
 - ☐ 2. 20%
 - ☒ 3. 25%
 - ☐ 4. 40%

Section : Reasoning Ability and Problem Solving

Q.1 A, E, I, O, U, S এবং K একটি বৃত্তাকার টেবিলের চারপাশে কেন্দ্রের দিকে মুখ করে বসে আছে (কিন্তু এই ক্রমে থাকা আবশ্যিক নয়)। K বসেছে O এর ঠিক ডানদিকে। E বসেছে O এবং S উভয়েরই ঠিক পাশে। S বা A কারোরই ঠিক পাশে I বসেনি। U এর ঠিক ডানদিকে কে বসে আছে?

- Ans
- ☐ 1. I
 - ☐ 2. K
 - ☒ 3. A
 - ☐ 4. S

Q.2 যদি '+' ও '-' পরস্পর স্থান বিনিময় করে এবং 'x' ও '÷' পরস্পর স্থান বিনিময় করে, তাহলে নিম্নলিখিত সমীকরণে প্রদত্ত চিহ্নটির (?) স্থানে কী বসবে?
 $81 \times 3 - 9 \div 3 + 2 = ?$

- Ans
- ☒ 1. 52
 - ☐ 2. 3
 - ☐ 3. 56
 - ☐ 4. 2

Q.3 একটি নির্দিষ্ট সাংকেতিক ভাষায়, 'black dark night' কে 'ck th lp' হিসেবে এবং 'dark cloudy sky' কে 'eg lp sc' হিসেবে লেখা হয়। এই ভাষায় 'dark' কে কিভাবে লেখা হবে?

- Ans
- ☐ 1. th
 - ☐ 2. eg
 - ☐ 3. sc
 - ☒ 4. lp

Q.4 প্রদত্ত বিকল্পগুলির মধ্যে থেকে এমন চিত্রটি নির্বাচন করুন যা নিম্নলিখিত ক্রমের প্রতীকগুলিকে (?) প্রতিস্থাপন করে বিন্যাসটি সম্পূর্ণ করতে পারে।

△	☆	I	△	0	5	△	0	
	0		5		I		☆	?
5	I	0	☆	☆	△	I	5	

Ans

✗ 1.

0		☆
	△	
5		I

✓ 2.

I		☆
	△	
5		0

✗ 3.

I		5
	△	
☆		0

✗ 4.

5		I
	△	
0		☆

Q.5 A, B, C, D, E, F এবং G এই সাতজন ক্রেতার দিকে মুখ করে একটি বৃত্তাকার টেবিলের চারপাশে বসে আছে (কিন্তু এই ক্রমে থাকা আবশ্যিক নয়)। F এর বাঁদিকে দ্বিতীয় স্থানে D বসেছে। B এর ডানদিকে তৃতীয় স্থানে A বসেছে। D এর ঠিক ডানদিকে C বসেছে। F এবং G এর মাঝখানে মাত্র দুজন বসে আছে। G এর বাম দিক থেকে গণনা করা হলে C এবং G এর মাঝখানে কতজন বসে আছে?

Ans

- ✗ 1. চারজন
- ✗ 2. দুইজন
- ✗ 3. একজন
- ✓ 4. তিনজন

Q.6 নিম্নলিখিত ক্রমের প্রশ্ন চিহ্নটির (?) স্থানে কোন বিকল্প চিত্রটি বসবে নির্বাচন করুন।



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

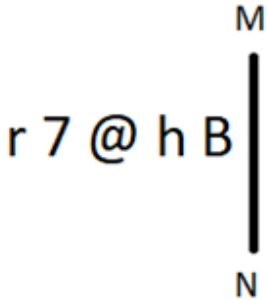
Q.7 প্রদত্ত বিবৃতি এবং সিদ্ধান্তগুলি মনোযোগ সহকারে পড়ুন। বিবৃতিতে প্রদত্ত তথ্যগুলি সাধারণভাবে জানা তথ্যের থেকে ভিন্ন বলে মনে হলেও সেগুলিকে সত্য বলেই ধরে নিন। প্রদত্ত সিদ্ধান্তগুলির মধ্যে কোনটি/কোনগুলি বিবৃতিগুলিকে যুক্তিযুক্তভাবে অনুসরণ করে তা নির্ধারণ করুন।

বিবৃতি:
কিছু দরজা হয় পাথর।
সব পাথর হয় কাঠ।

সিদ্ধান্ত:
(I) অন্তত কিছু কাঠ হয় দরজা।
(II) সব কাঠ হয় পাথর।

- Ans
- ☒ 1. শুধুমাত্র সিদ্ধান্ত (II) অনুসরণ করে
 - ☒ 2. সিদ্ধান্ত (I) বা (II) কোনটিই অনুসরণ করে না
 - ☒ 3. শুধুমাত্র সিদ্ধান্ত (I) অনুসরণ করে
 - ☒ 4. (I) এবং (II) উভয় সিদ্ধান্ত অনুসরণ করে

Q.8 নিচে ষে'ভাবে দেখানো হয়েছে, সে'ভাবে একটি দর্পণকে MN রেখায় স্থাপন করা হলে, প্রদত্ত চিত্রটির সঠিক প্রতিবিম্ব কোনটি হবে?



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.9

একটি নির্দিষ্ট সাংকেতিক ভাষায়, 'shirt pant coat' কে 'ek ph bq' হিসাবে সংকেতভুক্ত করা হয়, 'coat jacket sweater' কে 'ek lh to' হিসাবে সংকেতভুক্ত করা হয়, 'jacket shirt watch' কে 'fd bq lh' হিসাবে সংকেতভুক্ত করা হয়। ওই ভাষায় 'coat' এর সংকেত কী হবে? (দ্রষ্টব্য: সকল সংকেত মাত্র দুই-অক্ষর বিশিষ্ট)

Ans

- ☒ 1. bq
- ☒ 2. lh
- ☒ 3. to
- ☒ 4. ek

Q.10

12 একটি নির্দিষ্ট যুক্তি অনুসরণ করে 61 এর সাথে সম্পর্কিত এবং 15 একই যুক্তি অনুসরণ করে 76 এর সাথে সম্পর্কিত। একই যুক্তি অনুসরণ করে 18 নিচের কোনটির সাথে সম্পর্কিত?

(দ্রষ্টব্য: সংখ্যাগুলিকে এদের উপাদান অঙ্কে বিভাজিত না করে, সমগ্র কার্যক্রমটি অখণ্ড সংখ্যার উপরেই সম্পাদন করতে হবে। যেমন, 13 এর ক্ষেত্রে, 13 এর উপরেই যাবতীয় কার্যক্রম সম্পাদন করতে হবে। অর্থাৎ, 13 এর সঙ্গেই যোগ/ বিয়োগ/ গুণ ইত্যাদি করতে হবে কিন্তু 13 কে তার উপাদান অঙ্ক 1 এবং 3 এ বিভাজিত করে তারপর 1 এবং 3 এর উপর কোনওপ্রকার গাণিতিক কার্যক্রম সম্পাদন করা যাবে না।)

Ans

- ☒ 1. 97
- ☒ 2. 95
- ☒ 3. 91
- ☒ 4. 93

Q.11

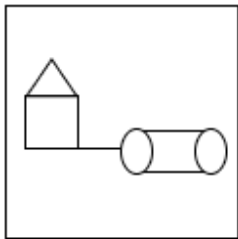
ইংরাজি বর্ণানুক্রম অনুসারে নিম্নে প্রদত্ত ক্রমটির প্রশ্নচিহ্নটির (?) স্থানে বসবে এমন বিকল্পটি নির্বাচন করুন।

AGK, FLP, KQU, PVZ, ?

Ans

- ☒ 1. VGY
- ☒ 2. UEA
- ☒ 3. UES
- ☒ 4. UAE

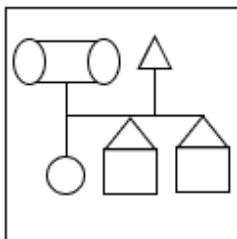
Q.12 প্রদত্ত চিত্র (X), যেটির অংশ হিসেবে নিহিত আছে সেই বিকল্প চিত্রটি চয়ন করুন। (চিত্রগুলি ঘুরিয়ে দেখা যাবে না)



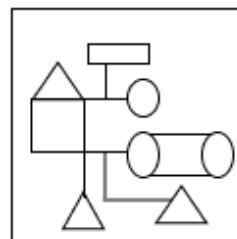
(X)

Ans

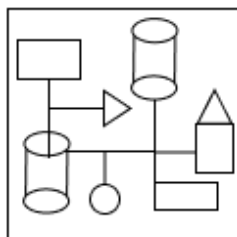
✗ 1.



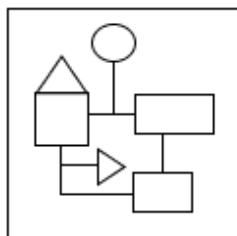
✓ 2.



✗ 3.



✗ 4.



Q.13 প্রদত্ত ক্রমের প্রশ্ন চিহ্নটির (?) স্থানে কী বসবে?

36, 39, 44, 51, 60, 71, 84, ?

- Ans
- ✓ 1. 99
 - ✗ 2. 90
 - ✗ 3. 95
 - ✗ 4. 97

Q.14 একটি নির্দিষ্ট সাংকেতিক ভাষায়, 'WEAR' কে 'PI1O' এবং 'EARS' কে 'I4OP' হিসাবে লেখা হয়। প্রদত্ত সাংকেতিক ভাষায় 'S' এর সংকেত কী হবে?

- Ans
- ✗ 1. P
 - ✓ 2. 4
 - ✗ 3. I
 - ✗ 4. O

Q.15

যদি ‘-’ ও ‘÷’ পরস্পর স্থান বিনিময় হয় এবং ‘x’ ও ‘+’ পরস্পর স্থান বিনিময় হয়, তাহলে নিম্নলিখিত সমীকরণে প্রশ্ন চিহ্নটির (?) স্থানে কী বসবে ?

$$70 \div 90 - 10 + 20 \times 80 = ?$$

Ans

- ☒ 1. -40
☒ 2. -10
☒ 3. -45
☒ 4. -30

Q.16 একটি নির্দিষ্ট সাংকেতিক ভাষায়, 'JUMP' কে '4682' হিসাবে এবং 'MIND' কে '3741' হিসাবে লেখা হয়। প্রদত্ত সাংকেতিক ভাষায় 'M'-এর সংকেত কী হবে?

Ans

- ☒ 1. 7
☒ 2. 3
☒ 3. 8
☒ 4. 4

Q.17 2 একটি নির্দিষ্ট যুক্তি অনুসরণ করে 15 এর সাথে সম্পর্কিত। 6 একই যুক্তি অনুসরণ করে, 43 এর সাথে সম্পর্কিত। একই যুক্তি অনুসরণ করে 9 নিচের কোনটির সাথে সম্পর্কিত?

(দ্রষ্টব্যঃ সংখ্যাগুলিকে এদের উপাদান অঙ্কে বিভাজিত না করে, সমগ্র গাণিতিক কার্যক্রম অথও সংখ্যার উপরেই সম্পাদন করতে হবে। যেমন, 13 এর ক্ষেত্রে, 13 এর উপরেই যাবতীয় কার্যক্রম সম্পাদন করতে হবে। অর্থাৎ 13 এর সঙ্গেই যোগ/ বিয়োগ/ গুণ ইত্যাদি করতে হবে কিন্তু 13 কে তার উপাদান অঙ্ক 1 এবং 3 এ বিভাজিত করে তারপর 1 এবং 3 এর উপর কোনও প্রকার গাণিতিক কার্যক্রম সম্পাদন করা যাবে না।)

Ans

- ☒ 1. 64
☒ 2. 58
☒ 3. 53
☒ 4. 68

Q.18 CMGW ইংরেজি বর্ণানুক্রম অনুসারে একটি নির্দিষ্ট উপায়ে XHDT এর সাথে সম্পর্কিত। SCAQ একইভাবে, NXXN এর সাথে সম্পর্কিত। একই যুক্তি অনুসরণ করে নিম্নলিখিত কোনটির সাথে ISUK সম্পর্কিত?

Ans

- ☒ 1. DNRH
☒ 2. CMRG
☒ 3. EORG
☒ 4. ENSH

Q.19 GNEE একটি নির্দিষ্ট উপায়ে ইংরেজি বর্ণানুক্রমের উপর ভিত্তি করে JQHH -এর সাথে সম্পর্কিত। একইভাবে BHYY সম্পর্কিত EKBB-এর সাথে। একই যুক্তি অনুসরণ করে নিম্নলিখিত কোনটির সাথে QXOO সম্পর্কিত?

Ans

- ☒ 1. TARR
☒ 2. ATRR
☒ 3. RRTA
☒ 4. RRAT

Q.20 প্রদত্ত বিবৃতি (গুলি) এবং সিদ্ধান্তগুলি মনোযোগ সহকারে পড়ুন। বিবৃতি (গুলি)তে প্রদত্ত তথ্য সাধারণভাবে পরিচিত তথ্যের থেকে ভিন্ন বলে মনে হলেও সত্য বলে ধরে নিন এবং নির্ধারণ করুন যে বিবৃতি(গুলি)কে প্রদত্ত সিদ্ধান্তগুলির কোনটি/গুলি যৌক্তিকভাবে অনুসরণ করে।

বিবৃতি:

কিছু বেতন হয় বোনাস।
সমস্ত মজুরি হয় বোনাস।

সিদ্ধান্ত:

(I) কিছু বেতন হয় মজুরি।
(II) সমস্ত বোনাস হয় মজুরি।

Ans

- ☒ 1. শুধুমাত্র সিদ্ধান্ত (II) অনুসরণ করে।
☒ 2. সিদ্ধান্ত (I) বা (II) কোনটিই অনুসরণ করে না।
☒ 3. শুধুমাত্র সিদ্ধান্ত (I) অনুসরণ করে।
☒ 4. উভয় সিদ্ধান্ত (I) এবং (II) অনুসরণ করে।

Section : General Awareness

Q.1	নিম্ন আদালত যখন তার ক্ষেত্রাধিকারের বাইরে কোনও মামলা বিবেচনা করে তখন হাইকোর্ট বা সুপ্রিম কোর্ট কোন আজ্ঞালেখ (রিট) জারি করে?
Ans	✗ 1. বন্দীপ্রত্যক্ষীকরণ (হেবিয়াস করপাস) ✗ 2. পরমাদেশ (ম্যানডেমাস) ✗ 3. অধিকারপৃচ্ছা (কুও ওয়ারান্টো) ✓ 4. প্রতিষেধ (প্রহিবিশন)
Q.2	একটি শিশু খুব বাছাই করে খায়। সে মোটেও দুধ পান করে না এবং অন্যান্য ধরনের খাবার খুব কম পরিমাণে খায়। তার দুধের দাঁত পড়ে যাওয়ার পরেও, সেগুলির জায়গায় নতুন দাঁত ঊঠছে না। তাকে _____ দেওয়া হলে এই সমস্যার সমাধান করা যেতে পারে।
Ans	✗ 1. ভিটামিন C ✓ 2. ক্যালসিয়াম পরিপূরক ✗ 3. ভিটামিন B কমপ্লেক্স ✗ 4. কার্বোহাইড্রেট সমৃদ্ধ খাবার
Q.3	ভারতীয় সংবিধানের অনুচ্ছেদ 157 অনুযায়ী, একজন ব্যক্তিকে রাজ্যপাল পদে নিয়োগের যোগ্য হতে হলে, তাঁকে _____ বছর বয়স পূর্ণ করতে হবে।
Ans	✗ 1. 32 ✗ 2. 45 ✓ 3. 35 ✗ 4. 41
Q.4	1940 এর দশকের শেষের দিকে _____ নৃত্যশৈলীকে পুনরুজ্জীবিত করার ক্ষেত্রে কেলুচরণ মহাপাত্র এবং রঘুনাথ দত্তের মতো পণ্ডিতদের অবদান ছিল।
Ans	✗ 1. সত্ৰীয়া ✗ 2. ছৌ ✓ 3. ওড়িশি ✗ 4. মণিপুরী
Q.5	ব্রিটিশদের দ্বারা কবে অমৃতসরে জালিয়ানওয়ালাবাগ হত্যাকাণ্ড সংঘটিত হয়?
Ans	✗ 1. 13 ই এপ্রিল, 1918 ✗ 2. 13 ই মার্চ, 1919 ✗ 3. 23 শে এপ্রিল, 1918 ✓ 4. 13 ই এপ্রিল, 1919
Q.6	ওজোন সম্পর্কিত ভুল বিবৃতিটি বেছে নিন।
Ans	✓ 1. অক্সিজেনের মতো ওজোন (O₃) একটি জীবন সহায়ক গ্যাস। ✗ 2. অতিবেগুনি বিকিরণের কারণে ডকের ক্যালার হয়। ✗ 3. ওজোন একটি মারাত্মক বিষ। ✗ 4. অতিবেগুনি বিকিরণের উপস্থিতিতে অক্সিজেন থেকে ওজোন তৈরি হয়।
Q.7	নিম্নলিখিত ভারতীয় শহরগুলির মধ্যে কোনটি 2023 সালের ICC পুরুষদের বিশ্বকাপ ট্রফির ফাইনাল ম্যাচের আয়োজন করেছিল?
Ans	✗ 1. মুম্বাই ✗ 2. নতুন দিল্লি ✓ 3. আহমেদাবাদ ✗ 4. চেন্নাই
Q.8	ভারত ও পাকিস্তানের মধ্যে _____ সালে শিঙ্গু জল চুক্তি হয়েছিল।
Ans	✗ 1. 1965 ✗ 2. 1955 ✗ 3. 1970 ✓ 4. 1960
Q.9	ভারতে নিম্নলিখিত সংস্থাগুলির মধ্যে কোনটি স্যাটেলাইট ডেটা গ্রহণ এবং এর প্রক্রিয়াকরণের সুবিধা প্রদান করে?
Ans	✗ 1. ওয়াইন্ডলিফ ইনস্টিটিউট অফ ইন্ডিয়া (WII) ✗ 2. ফরেষ্ট রিসার্চ ইনস্টিটিউট (FRI) ✗ 3. ইন্সটিটিউট অফ রিমোট সেন্সিং (IIRS) ✓ 4. ন্যাশনাল রিমোট সেন্সিং সেন্টার (NRSC)

Q.10 সুনামি হল একটি প্রাকৃতিক দুর্যোগ যা মহাসাগরে উদ্ভূত হয়। মহাসাগরে সুনামির কারণ কী?

- Ans**
- ☒ 1. জলে অতিরিক্ত কার্বন ডাই অক্সাইডের উপস্থিতি
 - ☒ 2. মহাসাগরে প্রচুর পরিমাণে তেজস্ক্রিয় দূষক পদার্থের সঞ্চয়
 - ☒ 3. জলে দ্রবীভূত অ্যাসিডের পরিমাণ উদ্বেগজনকভাবে বৃদ্ধি পাওয়া
 - ☒ 4. মহাসাগরের নিচে টেকটনিক প্লেটের চলাচল

Q.11 প্রতি বছর, কার্তিক পূর্ণিমায় পুর্নরে একটি পশুসম্পদ মেলায় সমাপ্তি সূচিত হয়। যেখানে প্রদর্শিত প্রধান প্রাণীটি হল _____।

- Ans**
- ☒ 1. ষোড়া
 - ☒ 2. গরু
 - ☒ 3. উট
 - ☒ 4. মহিষ

Q.12 সংসদীয় বিষয়ক, কয়লা ও খনি মন্ত্রী _____ এর নেতৃত্বে একটি ভারতীয় সংসদীয় প্রতিনিধিদল 2023 সালের 11ই থেকে 13ই জুন পর্যন্ত ব্রাজিল সফর করেছিল।

- Ans**
- ☒ 1. বীরেন্দ্র কুমার
 - ☒ 2. অর্জুন মুন্ডা
 - ☒ 3. প্রহ্লাদ জোশী
 - ☒ 4. নারায়ণ রানে

Q.13 নিচের কোনটি মোট জাতীয় উৎপাদন গণনার অন্তর্ভুক্ত?

- Ans**
- ☒ 1. ব্যবহৃত গাড়ি বিক্রয়
 - ☒ 2. পেনশন পেমেন্ট
 - ☒ 3. প্রতিভূতি বিক্রয়
 - ☒ 4. নতুন শার্ট বিক্রি

Q.14 কালা রামনাথ নিচের কোন ঘরানার অন্তর্গত?

- Ans**
- ☒ 1. আগ্রা ঘরানা
 - ☒ 2. কিরানা ঘরানা
 - ☒ 3. ইন্দোর ঘরানা
 - ☒ 4. মেওয়াতী ঘরানা

Q.15 2011 সালের আদমশুমারি অনুসারে, নিচের কোন রাজ্যে শিশু লিঙ্গ অনুপাত সবচেয়ে কম?

- Ans**
- ☒ 1. পাঞ্জাব
 - ☒ 2. মধ্য প্রদেশ
 - ☒ 3. হরিয়ানা
 - ☒ 4. রাজস্থান

Q.16 ইউরেনিয়ামের (U) পারমাণবিক সংখ্যা কত?

- Ans**
- ☒ 1. 90
 - ☒ 2. 104
 - ☒ 3. 92
 - ☒ 4. 94

Q.17 9ম এশিয়ান গেমস নিম্নলিখিতগুলির মধ্যে কোন দেশ আয়োজন করেছিল?

- Ans**
- ☒ 1. ভারত
 - ☒ 2. চীন
 - ☒ 3. দক্ষিণ কোরিয়া
 - ☒ 4. জাপান

Q.18 কণক রাজু, যিনি উপজাতীয় লোকনৃত্য গুসাডিকে (Gussadi) উদ্ভাবিত রেখেছিলেন, তিনি 2021 সালে নিম্নলিখিত কোন ভারতীয় অসামরিক পুরস্কারে ভূষিত হয়েছেন?

- Ans**
- ☒ 1. পদ্মশ্রী
 - ☒ 2. ভারতরত্ন
 - ☒ 3. পদ্মবিভূষণ
 - ☒ 4. পদ্মভূষণ

Q.19	খ্রিস্টীয় 10ম শতকে দক্ষিণ ভারতের নিম্নলিখিত কোন রাজবংশ শ্রীলঙ্কার প্রাচীন রাজধানী অনুরাধাপুরা ধ্বংস করেছিল?
Ans	✓ 1. চোল ✗ 2. রাষ্ট্রকূট ✗ 3. ভেঙ্গীর চালুক্য ✗ 4. বাদামীর চালুক্য
Q.20	ইংরেজি উপন্যাস 'ভোটিং অ্যাট ফস্টারগঞ্জ' (Voting at Fosterganj) এর রচয়িতা কে?
Ans	✗ 1. অক্ষত গুপ্ত ✓ 2. রাফিন বন্ড ✗ 3. আর কে নারায়ণ ✗ 4. সুধা মূর্তি
Q.21	_____ এর নেতৃত্বে, বাংলার রেল যোগাযোগ ব্যবস্থায় পরিকল্পিতভাবে ব্যাপক বিদ্যুৎ এবং অঙ্গ লুপ্তন সংঘটিত হয়েছিল।
Ans	✗ 1. সুরেন্দ্রনাথ বন্দ্যোপাধ্যায় ✓ 2. যতীন মুখোপাধ্যায় ✗ 3. চিত্তরঞ্জন দাশ ✗ 4. অরবিন্দ ঘোষ
Q.22	সিটাবেল এলাকায় একটি বিশাল কাদা ও _____ গ্যাটফর্ম থাকত, যা 6 মিটার উঁচু এবং সমস্ত নির্মাণের চেয়ে উঁচুতে অবস্থিত।
Ans	✗ 1. শিলার ✓ 2. ইটের ✗ 3. কাঠের ✗ 4. পাথরের
Q.23	2021 সালের নভেম্বরে গুজরাটের বেকারত্বের হার কত ছিল?
Ans	✗ 1. 4.4% ✗ 2. 3.4% ✗ 3. 2.4% ✓ 4. 1.4%
Q.24	ভারতের ক্ষেত্রে নিচের কোন সময়কাল লৌহ যুগের সঙ্গে সম্পর্কিত?
Ans	✗ 1. প্রত্নপ্রস্তর যুগ ✗ 2. নব্যপ্রস্তর যুগ ✓ 3. অন্ত-বৈদিক যুগ ✗ 4. হরপ্পা যুগ
Q.25	2023 সালে জানুয়ারিতে, মুখ্যমন্ত্রীর আবাসিক ভূমি অধিকার কর্মসূচি (মুখ্যমন্ত্রী আবাসিকা ভূ অধিকার যোজনা) ভারতের কোন রাজ্যে চালু হয়েছিল?
Ans	✗ 1. হরিয়ানা ✓ 2. মধ্যপ্রদেশ ✗ 3. পাঞ্জাব ✗ 4. উত্তরপ্রদেশ

Section : English Language and Comprehension

Q.1	Parts of the following sentence have been given as options. Select the option that contains an error. My aunt came from Switzerland by the flight which was landing at 5:00 a.m. yesterday.
Ans	✗ 1. Switzerland by the ✓ 2. flight which was landing ✗ 3. at 5:00 a.m. yesterday. ✗ 4. My aunt came from

Q.2 Parts of the following sentence have been given as options. Select the option that contains an error.
The car which I bought last year was cheap than my bike.

- Ans**
- ☒ 1. was cheap than my bike
 - ☐ 2. last year
 - ☐ 3. The car
 - ☐ 4. which I bought

Q.3 Parts of the following sentence have been given as options. Select the option that contains an error.
Please hang with for two minutes while I finish cleaning the utensils.

- Ans**
- ☐ 1. for two minutes
 - ☒ 2. Please hang with
 - ☐ 3. the utensils
 - ☐ 4. while I finish cleaning

Q.4 Select the most appropriate option that can substitute the underlined words in the given sentence.

Adi had not only assisted her by giving evidence in the case but also provided many examples to prove her point in the court.

- Ans**
- ☐ 1. assisted her only not by
 - ☐ 2. assisted not only by her
 - ☒ 3. assisted her not only by
 - ☐ 4. assisted not only her by

Q.5 Identify the error in the usage of the future tense in the given sentence and choose the correct sentence from the following options.

Parvati finish the painting in one hour.

- Ans**
- ☐ 1. Parvati has been finishing the painting in one hour.
 - ☐ 2. Parvati had been finishing the painting in one hour.
 - ☒ 3. Parvati will finish the painting in one hour.
 - ☐ 4. Parvati was finished the painting in one hour.

Q.6 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
(1) We knocked around (2) early on Saturday (3) to enjoy (4) the beautiful weather.

- Ans**
- ☐ 1. to enjoy
 - ☐ 2. the beautiful weather.
 - ☐ 3. early on Saturday
 - ☒ 4. We knocked across

Q.7 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The vegetation in this area of the forest is very dense.

- Ans**
- ☐ 1. Spare
 - ☒ 2. Sparse
 - ☐ 3. Spruce
 - ☐ 4. Spatial

Q.8 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Whoever got the few answers correct has to leave the room.

- Ans**
- ☐ 1. most few
 - ☐ 2. fewer
 - ☐ 3. more fewer
 - ☒ 4. fewest

Q.9 Select the most appropriate meaning of the given idiom/phrase.

Throw in the towel

- Ans**
- ☒ 1. To take responsibility for a situation while another person is temporarily absent
 - ☒ 2. To give up or surrender
 - ☒ 3. To prepare to fight
 - ☒ 4. To cause an activity or process to continue

Q.10 Select the most appropriate antonym for the word provided in the bracket to fill in the blank.
The professor delivered a _____ lecture on quantum physics. (simplified)

- Ans**
- ☒ 1. Refined
 - ☒ 2. Lengthy
 - ☒ 3. Plain
 - ☒ 4. Complex

Q.11 Select the correctly spelled sentence.

- Ans**
- ☒ 1. The scienetist discovered a new planet in the galaxy.
 - ☒ 2. The scientist discovered a new planet in the galaxy.
 - ☒ 3. The sceintist discovered a new palnet in the galaxy.
 - ☒ 4. The scientist discovred a new planet in the galexey.

Q.12 Select the most appropriate option to fill in the blank.

With the increasing reliance on digital systems, ensuring robust cybersecurity measures is _____ to protect against online threats.

- Ans**
- ☒ 1. paramount
 - ☒ 2. superfluous
 - ☒ 3. extraneous
 - ☒ 4. impartial

Q.13 Select the most appropriate option to fill in the blanks.
A buzzing _____ can _____ dangerous.

- Ans**
- ☒ 1. be; bee
 - ☒ 2. bee; be
 - ☒ 3. deer; dear
 - ☒ 4. dear; deer

Q.14 Select the option that can be used as a one-word substitute for the given group of words.

A serpent having many heads in Greek mythology

- Ans**
- ☒ 1. Python
 - ☒ 2. Hydra
 - ☒ 3. Eopsin
 - ☒ 4. Cobra

Q.15 Select the most appropriate synonym of the given word.

Hamper

- Ans**
- ☒ 1. Irritate
 - ☒ 2. Hinder
 - ☒ 3. Pamper
 - ☒ 4. Gift

Q.16 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Credeble
 - ☐ 2. Creative
 - ☐ 3. Explosive
 - ☐ 4. Devoted

Q.17 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Throw
 - ☐ 2. Novelist
 - ☒ 3. Infnite
 - ☐ 4. Eternal

Q.18 Select the most appropriate ANTONYM for the underlined word in the given sentence.

Her profile was complete on the company website.

- Ans**
- ☐ 1. received
 - ☒ 2. incomplete
 - ☐ 3. uploaded
 - ☐ 4. created

Q.19 Select the appropriate option that can substitute the underlined idiom in the given sentence.

The interns explained the whole issue to the coordinator in a nutshell.

- Ans**
- ☐ 1. in a secret way
 - ☐ 2. in an uncertain way
 - ☐ 3. in a discouraging manner
 - ☒ 4. in a brief manner

Q.20 Select the most appropriate option to fill in the blank.

The plan was very _____ and took a lot of time to develop.

- Ans**
- ☐ 1. being elaborate
 - ☐ 2. elaboration
 - ☐ 3. elaborates
 - ☒ 4. elaborate

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Until that moment, every director in Hollywood had accepted as gospel (1)_____ that the audience should not be taxed too much. Welles struck a (2)_____ at these beliefs, without displaying the slightest of qualms. Visually, 'Citizen Kane' was shot with a harsh sharpness which (3)_____ every scene. Traditionally, every make-up man and cameraman in Hollywood had to keep a careful (4)_____ on the appearance of the heroine. Welles refused to follow this (5)_____ in the case of his own heroine. For the first time, dialogue was presented in its realistic form.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1

- Ans**
- ☐ 1. blasphemy
 - ☒ 2. truth
 - ☐ 3. Bible
 - ☐ 4. followers

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Until that moment, every director in Hollywood had accepted as gospel (1)_____ that the audience should not be taxed too much. Welles struck a (2)_____ at these beliefs, without displaying the slightest of qualms. Visually, 'Citizen Kane' was shot with a harsh sharpness which (3)_____ every scene. Traditionally, every make-up man and cameraman in Hollywood had to keep a careful (4)_____ on the appearance of the heroine. Welles refused to follow this (5)_____ in the case of his own heroine. For the first time, dialogue was presented in its realistic form.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2

- Ans
- ☒ 1. blew
 - ☒ 2. blow
 - ☒ 3. blue
 - ☒ 4. bellow

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Until that moment, every director in Hollywood had accepted as gospel (1)_____ that the audience should not be taxed too much. Welles struck a (2)_____ at these beliefs, without displaying the slightest of qualms. Visually, 'Citizen Kane' was shot with a harsh sharpness which (3)_____ every scene. Traditionally, every make-up man and cameraman in Hollywood had to keep a careful (4)_____ on the appearance of the heroine. Welles refused to follow this (5)_____ in the case of his own heroine. For the first time, dialogue was presented in its realistic form.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3

- Ans
- ☒ 1. prevented
 - ☒ 2. permeated
 - ☒ 3. promoted
 - ☒ 4. permitted

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Until that moment, every director in Hollywood had accepted as gospel (1)_____ that the audience should not be taxed too much. Welles struck a (2)_____ at these beliefs, without displaying the slightest of qualms. Visually, 'Citizen Kane' was shot with a harsh sharpness which (3)_____ every scene. Traditionally, every make-up man and cameraman in Hollywood had to keep a careful (4)_____ on the appearance of the heroine. Welles refused to follow this (5)_____ in the case of his own heroine. For the first time, dialogue was presented in its realistic form.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4

- Ans
- ☒ 1. ear
 - ☒ 2. leg
 - ☒ 3. eye
 - ☒ 4. nose

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Until that moment, every director in Hollywood had accepted as gospel (1)_____ that the audience should not be taxed too much. Welles struck a (2)_____ at these beliefs, without displaying the slightest of qualms. Visually, 'Citizen Kane' was shot with a harsh sharpness which (3)_____ every scene. Traditionally, every make-up man and cameraman in Hollywood had to keep a careful (4)_____ on the appearance of the heroine. Welles refused to follow this (5)_____ in the case of his own heroine. For the first time, dialogue was presented in its realistic form.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5

- Ans
- ☒ 1. prose
 - ☒ 2. practise
 - ☒ 3. practicals
 - ☒ 4. practice

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	14/11/2024
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 After successive discounts of 26% and 22.5%, an item was sold at a profit of 24%. If the cost price of the item was ₹925, what was the marked price (in ₹) of the item?

- Ans
- ☐ 1. 2,200
 - ☒ 2. 2,000
 - ☐ 3. 2,250
 - ☐ 4. 1,975

Q.2 What is the LCM of $\frac{2}{3}$, $\frac{4}{9}$ and $\frac{5}{6}$?

- Ans
- ☐ 1. $\frac{40}{3}$
 - ☒ 2. $\frac{20}{3}$
 - ☐ 3. 10
 - ☐ 4. $\frac{10}{3}$

Q.3 ABCD is a quadrilateral in which diagonal BD = 62 cm, AL ⊥ BD and CM ⊥ BD, such that AL = 14.3 cm and CM = 17.7 cm. The area of the quadrilateral ABCD is:

- Ans
- ☐ 1. 982 cm²
 - ☒ 2. 992 cm²
 - ☐ 3. 902 cm²
 - ☐ 4. 900 cm²

Q.4 If the radii of two right circular cylinders are in the ratio of 2:3 and their heights are in the ratio of 5:4, then find the ratio of their curved surface areas?

- Ans
- ☒ 1. 5 : 6
 - ☐ 2. 6 : 10
 - ☐ 3. 10 : 6
 - ☐ 4. 6 : 5

Q.5 A park has an average number of 420 visitors on Sunday and 120 on other days. The average number of visitors per day in a month of 30 days beginning with Sunday, is:

- Ans
- ☐ 1. 270
 - ☒ 2. 170
 - ☐ 3. 150
 - ☐ 4. 160

Q.6 If two trains 200 m and 150 m long are running on parallel rails at the rate of 50 km/h and 30 km/h, respectively, find the relative speed if they are running in the same direction.

- Ans
- ☒ 1. $\frac{50}{9}$ m/sec
 - ☐ 2. $\frac{25}{18}$ m/sec
 - ☐ 3. $\frac{58}{18}$ m/sec
 - ☐ 4. $\frac{25}{9}$ m/sec

Q.7 Among three numbers, the second number is half of the first number and the third number is 4 less than the second number. If the average of the first and third numbers is 16, what is the second number?

- Ans
- ☒ 1. 12
 - ☐ 2. 18
 - ☐ 3. 10
 - ☐ 4. 16

Q.8 A bicycle goes 11 metres in 9 seconds. Find its speed in km/h.

- Ans
- ☐ 1. $4\frac{1}{5}$
 - ☐ 2. $3\frac{2}{5}$
 - ☐ 3. $3\frac{3}{5}$
 - ☒ 4. $4\frac{2}{5}$

Q.9 I purchased a mobile and after a few months sold it to my friend for a profit of 22%. After some time, as his son damaged the phone, he had to sell it to Mr Rao for a loss of 35%. If I paid ₹7,200 for the phone, what is the cost price (in ₹) of the phone for Mr Rao? (Round to the nearest rupee.)

- Ans
- ☐ 1. 11,858
 - ☒ 2. 5,710
 - ☐ 3. 7,582
 - ☐ 4. 5,709

Q.10 A right circular conical vessel has a capacity of 9240 m^3 . The radius of the cone is 21 m. What will be the total cost (in ₹) of painting the outer curved surface area of cone at the rate of ₹10/m²?

Take $\pi = \frac{22}{7}$

- Ans
- ☒ 1. 19140
 - ☐ 2. 92400
 - ☐ 3. 18140
 - ☐ 4. 33000

Q.11

The value of $\left[2\frac{1}{5} \div \left\{1\frac{2}{3} - \frac{1}{5}\left(1\frac{1}{2} - 1\frac{1}{3} + \frac{1}{6}\right)\right\}\right] \div \left(3\frac{1}{3} \div 1\frac{1}{11}\right)$ is:

Ans

☒ 1. $\frac{9}{20}$

☐ 2. $\frac{3}{20}$

☐ 3. $\frac{7}{20}$

☐ 4. $\frac{11}{20}$

Q.12 A bought an item for ₹384 and sold it for ₹576, and B bought another item for ₹1,254 and sold it for ₹1,672. What is the ratio of gain percentage of A to gain percentage of B?

Ans

☐ 1. $\frac{5}{2}$

☐ 2. $\frac{3}{4}$

☒ 3. $\frac{3}{2}$

☐ 4. $\frac{5}{3}$

Q.13 When x is added to each of 2, 3, 30 and 35, then the numbers obtained in this order are in proportion. What is the second largest part in the proportion?

Ans

☐ 1. 45

☐ 2. 30

☒ 3. 35

☐ 4. 40

Q.14 The average of 20 results is 15 and the average of other 25 results is 24. What is the average of all the results?

Ans

☐ 1. 22

☐ 2. 40

☐ 3. 39

☒ 4. 20

Q.15 How long (in months) will it take a sum of money invested at 5% per annum on simple interest to increase its value by 22.5%?

Ans

☐ 1. 48

☒ 2. 54

☐ 3. 44

☐ 4. 50

Q.16 A dealer mixes 26 kg of a variety of tea at ₹200 per kg with 30 kg of another variety of tea at ₹360 per kg, and sells the mixture at ₹300 per kg. His profit percentage is:

Ans

☒ 1. 5%

☐ 2. 12%

☐ 3. 14%

☐ 4. 8%

Q.17	A class teacher conducted a unit test in the class. If out of 25 students, 11 students' average score is 77 and rest 14 students' average score is 69, then the weighted average score is:
Ans	 1. 72.52  2. 74.65  3. 68.54  4. 70.29
Q.18	Ravish had ₹1,500 with him. Sunaina had 24% more money than what Ravish had, while Sanatan had 10% less money than what Sunaina had. How much money did Sanatan have?
Ans	 1. ₹1,764  2. ₹1,774  3. ₹1,664  4. ₹1,674
Q.19	Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 4% per year rate of interest for 5 years.
Ans	 1. 600  2. 560  3. 640  4. 540
Q.20	Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 7% per year rate of interest for 6 years.
Ans	 1. 1050  2. 990  3. 1090  4. 1010

Section : Reasoning Ability and Problem Solving

Q.1	In a certain code language, 'ZERO' is coded as '2468' and 'OILY' is coded as '5679'. What is the code for 'O' in that language?
Ans	 1. 8  2. 9  3. 6  4. 5
Q.2	Select the number from among the given options that can replace the question mark (?) in the following series. 42, 48, 56, 68, ?
Ans	 1. 86  2. 90  3. 82  4. 78
Q.3	8 is related to 33 following a certain logic. Following the same logic, 11 is related to 45. To which of the following is 24 related, following the same logic? (NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
Ans	 1. 99  2. 95  3. 97  4. 98
Q.4	What should come in place of the question mark (?) in the given series? 216 219 224 227 232 ?
Ans	 1. 236  2. 234  3. 233  4. 235

Q.5 What will come in place of the question mark (?) of the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$15 + 9 \div 2 - 63 \times 3 = ?$$

- Ans**
- ☐ 1. 33
 - ☐ 2. 12
 - ☒ 3. 18
 - ☐ 4. 25

Q.6 EJ68 is related to OT55 in a certain way. In the same way, KP47 is related to UZ34. To which of the following is QV29 related, following the same logic?

- Ans**
- ☐ 1. FA20
 - ☐ 2. AF20
 - ☐ 3. FA16
 - ☒ 4. AF16

Q.7 In a certain code language, 'rep sho pel' means 'goats are bleating'; 'sho jin ken' means 'goats and cows' and 'met rep pi' means 'dogs are mad'. What is the code for 'are' in that code language?

- Ans**
- ☒ 1. rep
 - ☐ 2. pi
 - ☐ 3. sho
 - ☐ 4. met

Q.8 UNSO is related to RKPL in a certain way based on the English alphabetical order. In the same way, WPUQ is related to TMRN. To which of the following is OHMI related, following the same logic?

- Ans**
- ☐ 1. ELFJ
 - ☐ 2. ELJF
 - ☐ 3. LEFJ
 - ☒ 4. LEJF

Q.9 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

9, 43
13, 63

- Ans**
- ☐ 1. 18, 82
 - ☒ 2. 17, 83
 - ☐ 3. 18, 83
 - ☐ 4. 17, 82

Q.10 Which two numbers should be interchanged to make the given equation correct?

$$6 \times 4 - (60 \div 5) + 15 + (33 \div 3) \times 2 = 59$$

(Note: Interchange should be done of entire number and not individual digits of a given number)

- Ans**
- ☐ 1. 2 and 5
 - ☒ 2. 2 and 4
 - ☐ 3. 6 and 5
 - ☐ 4. 5 and 15

Q.11 In a certain code language, 'MUST' is coded as '7913' and 'TALE' is coded as '8672'. What is the code for 'T' in the given code language?

- Ans**
- ☐ 1. 8
 - ☐ 2. 3
 - ☐ 3. 6
 - ☒ 4. 7

Q.12 EJDI is related to CHBG in a certain way based on the English alphabetical order. In the same way, JOIN is related to HMGL. To which of the following is NSMR related, following the same logic?

- Ans**
- ☐ 1. PQLK
 - ☐ 2. LQPK
 - ☐ 3. PQKL
 - ☒ 4. LQKP

Q.13 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statement(s) is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements:

All corns are pumpkins.
No pumpkin is a melon.

Conclusions:

- (I) No corn is a melon
(II) Some melons are pumpkins

- Ans**
- ☐ 1. Only conclusion (II) follows.
 - ☐ 2. Neither conclusion (I) nor (II) follows.
 - ☒ 3. Only conclusion (I) follows.
 - ☐ 4. Both conclusions (I) and (II) follow.

Q.14 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). Only 2 people sit between A and C when counted from the right of C. B sits 2nd to the left of C. F sits immediate on the right of D. E is not an immediate neighbour of C. Who sits immediate to the right of A?

- Ans**
- ☐ 1. D
 - ☐ 2. F
 - ☒ 3. E
 - ☐ 4. G

Q.15 Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statement(s).

Statements: All the pianos are instruments. All the instruments are flutes.

Conclusions:

- (I) All the flutes are instruments.
(II) All the pianos are flutes.

- Ans**
- ☐ 1. Neither conclusion (I) nor (II) follows.
 - ☒ 2. Only Conclusion (II) follows.
 - ☐ 3. Both conclusion (I) and (II) follow.
 - ☐ 4. Only Conclusion (I) follows.

Q.16 In a code language, 'PARENT' is written as 'PWRANT' and 'SING' is written as 'SENG'. How will 'TERMINATE' be written in the same language?

- Ans**
- ☐ 1. SARMENWTA
 - ☒ 2. TARMENWTA
 - ☐ 3. SERMANWTA
 - ☐ 4. TERMANWTA

Q.17 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

HKR, DGN, ZCJ, VYF, ?

- Ans**
- ☒ 1. RUB
 - ☐ 2. RBK
 - ☐ 3. RFG
 - ☐ 4. RBY

Q.18 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(3, 21, 7)

(9, 81, 9)

Ans  1. (14, 3, 66)

 2. (11, 55, 4)

 3. (6, 18, 5)

 4. (8, 16, 2)

Q.19 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). G sits to the immediate left of B. A sits to the immediate left of D. D sits second to the left of E. C sits third to the left of B. How many people sit between B and D when counted from the left of D?

Ans  1. 3

 2. 4

 3. 1

 4. 2

Q.20 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All juices are burgers.

Some burgers are chocolates.

Conclusions:

(I) Some burgers are juices.

(II) Some juices are chocolates.

Ans  1. Only conclusion I follows

 2. Neither conclusion I nor II follows

 3. Only conclusion II follows

 4. Both conclusions I and II follow

Section : General Awareness

Q.1 What is the player who sits at the centre of the rectangular field in Kho Kho called?

Ans  1. Defender

 2. Captain

 3. Master

 4. Chaser

Q.2 Who among the following is the author of the famous novel, 'One Amazing Thing'?

Ans  1. Chitra Banerjee Divakurni

 2. Sonali Dev

 3. Amitav Ghosh

 4. Khushwant Singh

Q.3 How much amount is provided per month as assistance to the female head of the family under the Gruha Lakshmi Scheme launched by the Karnataka Government in July 2023?

Ans  1. ₹1,500

 2. ₹2,000

 3. ₹3,500

 4. ₹5,000

Q.4 _____, which translates to 'dance of the enchantress,' stands out as one of the most captivating expressions in the Indian classical dance repertoire.

- Ans**
- ☒ 1. Mohiniyattam
 - ☐ 2. Manipuri
 - ☐ 3. Kuchipudi
 - ☐ 4. Kuttiyatam

Q.5 Which of the following is the national fruit of Sri Lanka?

- Ans**
- ☐ 1. Strawberry
 - ☐ 2. Mango
 - ☐ 3. Orange
 - ☒ 4. Jackfruit

Q.6 Which of the following are building blocks of proteins?

- Ans**
- ☒ 1. Amino acids
 - ☐ 2. Cells
 - ☐ 3. Acids
 - ☐ 4. Bases

Q.7 Which of the following states in India had the LOWEST poverty ratio in 2011-2012 as per the Economic Survey 2013-14, released by the Ministry of Finance, Government of India?

- Ans**
- ☐ 1. Karnataka
 - ☐ 2. Gujarat
 - ☒ 3. Kerala
 - ☐ 4. Haryana

Q.8 According to the Indian calendar, the March and April months are known as _____.

- Ans**
- ☒ 1. Chaitra-Vaisakha
 - ☐ 2. Asvina-Kartika
 - ☐ 3. Jyaishta-Asadha
 - ☐ 4. Magha-Phalguna

Q.9 Chhath Puja falls in which month of the Hindu calendar?

- Ans**
- ☐ 1. Ashadha
 - ☒ 2. Kartika
 - ☐ 3. Jyeshtha
 - ☐ 4. Phalguna

Q.10 What is the process of a substance changing directly from a solid to a gas without passing through the liquid state called?

- Ans**
- ☐ 1. Evaporation
 - ☒ 2. Sublimation
 - ☐ 3. Fusion
 - ☐ 4. Condensation

Q.11 Which of the following is the legislative organ of the Union Government?

- Ans**
- ☐ 1. Executive
 - ☒ 2. Parliament
 - ☐ 3. Judiciary
 - ☐ 4. State Executive

Q.12 Who among the following became the Chairperson of the Parliamentary Committee on Science and Technology, Environment, Forests and Climate Change as on 30th September 2023?

- Ans**
- ☐ 1. Satish Chandra Dubey
 - ☐ 2. Neeraj Shekhar
 - ☒ 3. Jairam Ramesh
 - ☐ 4. Surendra Singh Nagar

Q.13	Which type of coal is found in Damodar valley?
Ans	 1. Bituminous  2. Lignite  3. Anthracite  4. Peat
Q.14	Name the Sri Lankan Buddhist text that provides details of the Mauryan empire.
Ans	 1. Parishishtaparvan  2. Divyavadana  3. Ashokavadana  4. Dipavamsa
Q.15	Which of the following is the quality of the public goods?
Ans	 1. Non-divisible  2. Rivalrous  3. Non-rivalrous  4. Excludable
Q.16	Who among the following Mughal emperors had a great interest in paintings?
Ans	 1. Babur  2. Jahangir  3. Shahjahan  4. Humayun
Q.17	Under which category did Ricky Kej secure his third Grammy award?
Ans	 1. Song of the year  2. Best Audio Album of the year  3. Best Immersive Audio Album  4. Best Contemporary Instrumental Album
Q.18	What is the total length of 'Atal Tunnel', which is located in Himachal Pradesh state?
Ans	 1. 9.8 kilometres  2. 9.02 kilometres  3. 9 kilometres  4. 9.5 kilometres
Q.19	Which of the following statements about the Sangeet Natak Akademi is/are true? 1. The Sangeet Natak Akademi has been functioning as the apex body of the performing arts in the country. 2. The main objective of the Akademi is to coordinate and collaborate with the government and performing artists. 3. The Sangeet Natak Akademi comes under the Ministry of Culture of the government of India.
Ans	 1. Only 2 and 3  2. Only 1 and 3  3. Only 1 and 2  4. 1, 2, and 3
Q.20	Which of the following is a NOT a feature of the Indian Parliamentary form of Government?
Ans	 1. Non membership of the ministers in Legislature  2. Majority party rule  3. Leadership of the Prime Minister  4. Dissolution of the Lower House
Q.21	Shree Narayana Dharma Paripalana Yogam (SNDP), founded in 1903, to carry on the work of social reform was active in which of the following states?
Ans	 1. Assam  2. Bihar  3. Punjab  4. Kerala

Q.22 The Bara Imambara in Lucknow was built in the year 1784 by _____.

- Ans**
- ☒ 1. Nawab Siraj-ud-Daula
 - ☒ 2. Nawab Asaf-ud-Daula
 - ☒ 3. Jahangir
 - ☒ 4. Akbar

Q.23 In which the following sports do caddies play the role of helper for the player?

- Ans**
- ☒ 1. Cycling
 - ☒ 2. Boxing
 - ☒ 3. Shooting
 - ☒ 4. Golf

Q.24 What is the salt measurement in hypersaline lagoons?

- Ans**
- ☒ 1. More than 100
 - ☒ 2. Less than 100
 - ☒ 3. Less than 5
 - ☒ 4. 30 to 35

Q.25 The 'Servants of India Society' was founded by which of the following freedom fighters?

- Ans**
- ☒ 1. Chittaranjan Das
 - ☒ 2. Motilal Nehru
 - ☒ 3. Gopal Krishna Gokhale
 - ☒ 4. Mahatma Gandhi

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

Mahira is an more efficient and hardworking employee of her company.

- Ans**
- ☒ 1. Mahira is the more efficient
 - ☒ 2. Mahira is an efficient
 - ☒ 3. No substitution required
 - ☒ 4. Mahira is the efficient

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.
If we want to promote national integrity in our country, then we must desist our tendency of taking up with others.

- Ans**
- ☒ 1. bringing forward
 - ☒ 2. setting out
 - ☒ 3. coming round
 - ☒ 4. looking down upon

Q.3 Select the most appropriate synonym of the given word to fill in the blank.

Desist

Every Indian should ____ from acts of corruption.

- Ans**
- ☒ 1. pledge
 - ☒ 2. insist
 - ☒ 3. refrain
 - ☒ 4. show

Q.4 Select the most appropriate option to fill in the blank.

Indian Meteorological Department (IMD) had _____ that the city would witness rainfall on Thursday.

- Ans**
- ☒ 1. forecast
 - ☒ 2. contest
 - ☒ 3. manifest
 - ☒ 4. prolong

Q.5 Select the most appropriate synonym of the given word.
Avoid

- Ans**
- ☒ 1. Accept
 - ☐ 2. Evade
 - ☒ 3. Pursue
 - ☒ 4. Reflect

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

A person who loves music

- Ans**
- ☒ 1. Chromatophilic
 - ☒ 2. Astrophile
 - ☐ 3. Melophile
 - ☒ 4. Discophile

Q.7 Select the grammatically correct sentence.

- Ans**
- ☒ 1. The carpenter kept the furniture in backyard of his house.
 - ☐ 2. The carpenter kept furniture in the backyard of his house.
 - ☒ 3. The carpenter kept a furniture in the backyard of his house.
 - ☒ 4. The carpenter kept the furniture in a backyard of his house.

Q.8 Select the option that rectifies the underlined spelling error.

Participating in the marthon was a challenging experience.

- Ans**
- ☒ 1. mereton
 - ☐ 2. marathon
 - ☒ 3. merethon
 - ☒ 4. marethon

Q.9 Select the most appropriate option to fill in the blank.

The company implemented a new _____ to improve efficiency.

- Ans**
- ☒ 1. strateji
 - ☒ 2. strategie
 - ☒ 3. stratagy
 - ☐ 4. strategy

Q.10 Select the most appropriate meaning of the given idiom.

Pay off old scores

- Ans**
- ☒ 1. To score good marks
 - ☐ 2. To have one's revenge
 - ☒ 3. To clear one's debt
 - ☒ 4. To be successful

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The Rungrado is the large football stadium in the world.

- Ans**
- ☒ 1. most largest
 - ☒ 2. larger
 - ☒ 3. more larger
 - ☐ 4. largest

Q.12 Select the most appropriate option to fill in the blank.

We should always _____ our best to help others.

- Ans**
- ☐ 1. do
 - ☒ 2. done
 - ☒ 3. does
 - ☒ 4. did

Q.13 Select the most appropriate option to fill the blank.
The strike, that the truck association called, caused a minor _____ of food in our village.

- Ans**
- ☒ 1. less
 - ☒ 2. dearth
 - ☒ 3. availability
 - ☒ 4. leak

Q.14 Select the most appropriate homonym to fill in the blank.

During the _____ of Queen Victoria, England made all-round progress.

- Ans**
- ☒ 1. reign
 - ☒ 2. rein
 - ☒ 3. rhine
 - ☒ 4. rain

Q.15 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Noctummbulism
 - ☒ 2. Alcoholism
 - ☒ 3. Chauvinism
 - ☒ 4. Somnambulism

Q.16 Select the most appropriate option with the correct usage of the preposition to substitute the underlined segment in the given sentence.

UNESCO's mission is to contribute to the building of a culture of peace, the eradication of poverty, sustainable development and intercultural dialogue with education, the sciences, culture, communication and information.

- Ans**
- ☒ 1. intercultural dialogue by education
 - ☒ 2. intercultural dialogue in education
 - ☒ 3. intercultural dialogue through education
 - ☒ 4. intercultural dialogue from education

Q.17 Select the most appropriate ANTONYM of the given word.

Whimsical

- Ans**
- ☒ 1. Fickle
 - ☒ 2. Practical
 - ☒ 3. Illogical
 - ☒ 4. Confident

Q.18 Select the most appropriate option to fill in the blank.

Where have you _____ all this time?

- Ans**
- ☒ 1. bine
 - ☒ 2. bin
 - ☒ 3. been
 - ☒ 4. bean

Q.19 Select the most appropriate meaning of the given phrase.
Jump on the bandwagon

- Ans**
- ☒ 1. To support ideas that are less popular
 - ☒ 2. To jump to a conclusion
 - ☒ 3. To join or support something which is gaining popularity
 - ☒ 4. To oppose the idea of a group gaining popularity

Q.20 Parts of the following sentence have been given as options. Select the option that contains an error.
John searched thoroughly but could not find his coat nowhere in the house.

- Ans**
- ☒ 1. nowhere in the house.
 - ☐ 2. find his coat
 - ☐ 3. John searched thoroughly
 - ☐ 4. but could not

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Our (1)_____ revolve around our work. For the most part, males have to labour with their hands in order to (2)_____ themselves. But everyone needs to work in some (3)_____. It provides honour and credit to us. Nothing in life can be accomplished without it. Man is great only because of his labours. (4)_____ comes from work. The secret to success is this. Nobody can advance without labour. It truly is the (5)_____ idea of existence. Without it, life is even less meaningful.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. histories
 - ☒ 2. lives
 - ☐ 3. creatures
 - ☐ 4. mortals

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Our (1)_____ revolve around our work. For the most part, males have to labour with their hands in order to (2)_____ themselves. But everyone needs to work in some (3)_____. It provides honour and credit to us. Nothing in life can be accomplished without it. Man is great only because of his labours. (4)_____ comes from work. The secret to success is this. Nobody can advance without labour. It truly is the (5)_____ idea of existence. Without it, life is even less meaningful.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. support
 - ☐ 2. embrace
 - ☐ 3. bear
 - ☐ 4. promote

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Our (1)_____ revolve around our work. For the most part, males have to labour with their hands in order to (2)_____ themselves. But everyone needs to work in some (3)_____. It provides honour and credit to us. Nothing in life can be accomplished without it. Man is great only because of his labours. (4)_____ comes from work. The secret to success is this. Nobody can advance without labour. It truly is the (5)_____ idea of existence. Without it, life is even less meaningful.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. magnitude
 - ☐ 2. measurement
 - ☒ 3. capacity
 - ☐ 4. volume

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Our (1)_____ revolve around our work. For the most part, males have to labour with their hands in order to (2)_____ themselves. But everyone needs to work in some (3)_____. It provides honour and credit to us. Nothing in life can be accomplished without it. Man is great only because of his labours. (4)_____ comes from work. The secret to success is this. Nobody can advance without labour. It truly is the (5)_____ idea of existence. Without it, life is even less meaningful.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
-  1. Boast
 -  2. Glory
 -  3. Remedy
 -  4. Shame

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Our (1)_____ revolve around our work. For the most part, males have to labour with their hands in order to (2)_____ themselves. But everyone needs to work in some (3)_____. It provides honour and credit to us. Nothing in life can be accomplished without it. Man is great only because of his labours. (4)_____ comes from work. The secret to success is this. Nobody can advance without labour. It truly is the (5)_____ idea of existence. Without it, life is even less meaningful.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. demean
 -  2. uproar
 -  3. secondary
 -  4. fundamental

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2024

Exam Date	14/11/2024
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2024 VH

Section : Numerical and Mathematical Ability

Q.1 Find the simple interest (in ₹) on ₹3000 as a sum borrowed at 4% per year rate of interest for 4 years.

- Ans**
- ☒ 1. 480
 - ☐ 2. 440
 - ☐ 3. 520
 - ☐ 4. 420

Q.2 Air is leaking from a spherical-shaped advertising balloon at the rate of 24 cubic feet per minute. If the radius of the balloon is 8 feet, how long would it take for the balloon to empty? Round your answer to the nearest minute. Use the approximate of value of π , that is 3.14.

- Ans**
- ☐ 1. 80 minutes
 - ☐ 2. 65 minutes
 - ☒ 3. 89 minutes
 - ☐ 4. 94 minutes

Q.3 A man buys an old scooter for ₹9,400 and spends ₹1,600 on its repairs. If he sells the scooter for ₹15,800, his gain percentage (rounded off to 1 place of decimal) is:

- Ans**
- ☐ 1. 36.4%
 - ☐ 2. 32.4%
 - ☒ 3. 43.6%
 - ☐ 4. 49.7%

Q.4 The LCM of $\frac{1}{6}, \frac{4}{15}, \frac{5}{9}, \frac{7}{27}, \frac{8}{3}$ is:

- Ans**
- ☐ 1. $93\frac{2}{3}$
 - ☒ 2. $93\frac{1}{3}$
 - ☐ 3. $92\frac{2}{3}$
 - ☐ 4. $92\frac{1}{3}$

Q.5 On selling a book for ₹348, a shopkeeper loses 13%. In order to gain 22%, he must sell that book for:

- Ans**
- ☐ 1. ₹379
 - ☐ 2. ₹369
 - ☐ 3. ₹424
 - ☒ 4. ₹488

Q.6 The average of 20, 40, 60, 80, 100, 120 and 140 is:

- Ans**
- ☐ 1. 90
 - ☒ 2. 80
 - ☐ 3. 70
 - ☐ 4. 85

Q.7 Rice worth ₹84 per kg and ₹96 per kg is mixed with a third variety of rice in the ratio 1 : 1 : 2. If the mixture is worth ₹99 per kg, the price of the third variety per kg is:

- Ans
- ☐ 1. ₹115
 - ☒ 2. ₹108
 - ☐ 3. ₹112
 - ☐ 4. ₹110

Q.8 A hollow hemispherical steel bowl can contain $\frac{686}{3}\pi$ cubic unit of liquid. The outer radius is 9 units. How much steel is used in making the bowl?

- Ans
- ☐ 1. $\frac{433}{3}\pi$ cubic units
 - ☐ 2. $\frac{727}{3}\pi$ cubic units
 - ☒ 3. $\frac{772}{3}\pi$ cubic units
 - ☐ 4. $\frac{343}{3}\pi$ cubic units

Q.9 If 45% of the sum of the two numbers is equal to 60% of the difference between the two numbers, find the ratio of the smallest number to the greatest number.

- Ans
- ☒ 1. 1 : 7
 - ☐ 2. 4 : 3
 - ☐ 3. 7 : 1
 - ☐ 4. 3 : 4

Q.10 The scale of a map is given as 1:250. Two cities are 6.5 km apart on the map. The actual distance between them is

- Ans
- ☐ 1. 1200 km
 - ☐ 2. 1250 km
 - ☒ 3. 1625 km
 - ☐ 4. 1000 km

Q.11 The rate of interest p.a. at which a sum becomes three times of itself in 20 years at simple interest will be :

- Ans
- ☐ 1. 8%
 - ☐ 2. 6%
 - ☒ 3. 10%
 - ☐ 4. 12%

Q.12 A boat can travel at a speed of 13 km/h in still water. If the speed of the stream is 4 km/h, find the time taken by the boat to go 68 km downstream.

- Ans
- ☒ 1. 4 hours
 - ☐ 2. 3 hours
 - ☐ 3. 6 hours
 - ☐ 4. 5 hours

Q.13 The amount of profit and loss will be the same if an article is sold at ₹19,125 and ₹14,625. Find the percentage of profit if an article is sold at ₹19,125.

- Ans
- ☐ 1. $11\frac{3}{4}\%$
 - ☐ 2. $12\frac{1}{4}\%$
 - ☐ 3. 12%
 - ☒ 4. $13\frac{1}{3}\%$

Q.14 A shopkeeper normally gives a discount of 40%. To increase his sale before off season, he announces an additional discount of 4% upto a specific date. How much additional discount (in ₹) will a customer get on an item marked for ₹500?

- Ans
- ☐ 1. ₹19
 - ☐ 2. ₹15
 - ☒ 3. ₹12
 - ☐ 4. ₹11

Q.15 Evaluate 4×8 of $3 + 5 - 9 \div 3 - 5 + 65 \div 5 \times 6 + 2$ of $(5^2 - 2^2)$.

- Ans
- ☐ 1. 231
 - ☒ 2. 213
 - ☐ 3. 123
 - ☐ 4. 212

Q.16 Rakesh travels the first 320 km by train at a speed of 80 km/hr and the next 250 km by bus at 50 km/hr. Ignoring the buffer time between different modes of travel, the average speed (in km/hr) for his tour was:

- Ans
- ☒ 1. $63\frac{1}{3}$
 - ☐ 2. $60\frac{1}{4}$
 - ☐ 3. 69
 - ☐ 4. $61\frac{1}{2}$

Q.17 The average income of 25 persons is ₹2,400 and that of another 20 persons is ₹1,500. The average income of all of them together is:

- Ans
- ☐ 1. ₹1,950
 - ☐ 2. ₹2,150
 - ☐ 3. ₹2,100
 - ☒ 4. ₹2,000

Q.18 The sum of the radius of the base and the height of a solid cylinder is 96 meters. If the total surface area of the cylinder is 12672 m^2 , what is the curved surface area and volume of the cylinder respectively? (use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 7660 m^2 , 93990 m^3
 - ☐ 2. 8600 m^2 , 105850 m^3
 - ☒ 3. 9900 m^2 , 103950 m^3
 - ☐ 4. 9500 m^2 , 113550 m^3

Q.19 What sum (in ₹) will earn a simple interest of ₹360 in 3 years at 8% per year rate of interest?

- Ans
- ☐ 1. 3000
 - ☒ 2. 1500
 - ☐ 3. 750
 - ☐ 4. 2000

Q.20 The average of six numbers is 30. If one number is excluded, the average becomes 28. Find the excluded number.

- Ans**
- ☐ 1. 35
 - ☒ 2. 40
 - ☐ 3. 36
 - ☐ 4. 30

Section : Reasoning Ability and Problem Solving

Q.1 What should come in place of the question mark (?) in the given series based on the English alphabetical order?
CHK, GKO, ? , OQW, STA

- Ans**
- ☐ 1. LOT
 - ☒ 2. KNS
 - ☐ 3. LOS
 - ☐ 4. KNT

Q.2 A, B, C, L, M, Y and X are sitting around a circular table facing the centre (but not necessarily in the same order). C sits fourth to the left of M. Only one person sits between L and Y when counted from the left of L. Only one person sits between Y and X when counted from left of Y. Only two people sit between A and Y when counted from the right of A. Who sits third to the right of B?

- Ans**
- ☐ 1. C
 - ☐ 2. L
 - ☒ 3. A
 - ☐ 4. X

Q.3 ENYJ is related to HRCM in a certain way based on the English alphabetical order. In the same way, KCOB is related to NGSE. To which of the following is LTAZ related, following the same logic?

- Ans**
- ☐ 1. LXDE
 - ☐ 2. MZFD
 - ☒ 3. OXEC
 - ☐ 4. LYDD

Q.4 What should come in place of the question mark (?) in the given series?

103, 84, 65, 46, 27, ?

- Ans**
- ☐ 1. 1
 - ☒ 2. 8
 - ☐ 3. 5
 - ☐ 4. 9

Q.5 In a certain code language, 'he played well' is written as 'yt pu jk' and 'well in manner' is written as 'pu nt cr'. How is 'well' written in the given language?

- Ans**
- ☐ 1. cr
 - ☐ 2. jk
 - ☐ 3. yt
 - ☒ 4. pu

Q.6 Which two numbers should be interchanged to make the given equation correct?

$$28 - 4 \times 5 + 36 \div 9 + 2 \times 3 = 53$$

(Note: Interchange should be done of entire number and not individual digits of a given number)

- Ans**
- ☐ 1. 28 and 36
 - ☐ 2. 4 and 9
 - ☒ 3. 2 and 9
 - ☐ 4. 5 and 3

Q.7 NKBI is related to PIDG in a certain way based on the English alphabetical order. In the same way, SMFG is related to UKHE. To which of the following is UPQR related, following the same logic?

- Ans**
- ☒ 1. WNSP
 - ☐ 2. YGBF
 - ☐ 3. WRSD
 - ☐ 4. TRDW

Q.8 192 is related to 38 following a certain logic. Following the same logic, 270 is related to 51. To which of the following is 258 related, following the same logic?

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☐ 1. 41
 - ☐ 2. 46
 - ☐ 3. 43
 - ☒ 4. 49

Q.9 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13, can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

(1, 16, 5)
(2, 19, 7)

- Ans**
- ☐ 1. (3, 35, 5)
 - ☐ 2. (5, 20, 6)
 - ☐ 3. (6, 40, 3)
 - ☒ 4. (8, 22, 4)

Q.10 In a certain code language, 'use the force' is coded as 'gp sb cn' and 'force is strong' is coded as 'hv sk gp'. How is 'force' coded in that language?

- Ans**
- ☐ 1. sk
 - ☐ 2. hv
 - ☒ 3. gp
 - ☐ 4. cn

Q.11 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- All hands are legs.
- Some hands are eyes.

Conclusion (I): All legs are hands.

Conclusion (II): Some legs are eyes.

- Ans**
- ☐ 1. Only Conclusion I follows
 - ☐ 2. Both Conclusions I and II follow
 - ☐ 3. Neither Conclusion I nor II follows
 - ☒ 4. Only Conclusion II follows

Q.12 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

4, 41
9, 91

- Ans**
- ☐ 1. 37, 369
 - ☒ 2. 48, 481
 - ☐ 3. 29, 221
 - ☐ 4. 14, 412

Q.13 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $16 - 4 \times 2 \div 3 + 6 = ?$

- Ans
- ☐ 1. 8
 - ☐ 2. 12
 - ☒ 3. 16
 - ☐ 4. 24

Q.14 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All plants are rocks.
All rocks are castles.

Conclusions:

(I) All plants are castles.
(II) All castles are rocks.

- Ans
- ☐ 1. Both conclusions I and II follow
 - ☐ 2. Only conclusion II follows
 - ☒ 3. Only conclusion I follows
 - ☐ 4. Neither conclusion I nor II follows

Q.15 RQ 45 is related to TS 50 in a certain way. In the same way, UX 19 is related to WZ 24. To which of the following is CF 68 related following the same logic?

- Ans
- ☐ 1. ST 55
 - ☐ 2. NT 45
 - ☐ 3. NV 37
 - ☒ 4. EH 73

Q.16 In a certain code language, 'shreya goes to temple' is written as 'ci bi di fi' and 'veer might visit temple' is written as 'ti fi ji vi'. How is 'temple' written in the given language?

- Ans
- ☐ 1. ci
 - ☐ 2. ji
 - ☒ 3. fi
 - ☐ 4. ti

Q.17 M, N, O, P, Q, R and S are sitting around a circular table facing the centre (but not necessarily in the same order). P is sitting fourth to the right of N. Q is sitting third to the left of O. M is sitting to the immediate right of Q. R is sitting to the immediate right of N. How many people are sitting between P and S when counted from the left of S?

- Ans
- ☐ 1. 2
 - ☒ 2. 1
 - ☐ 3. 4
 - ☐ 4. 3

Q.18 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All lions are cheetahs.
Some cheetahs are tigers.

Conclusions:

(I) Some tigers are not cheetahs.
(II) All cheetahs are lions.

- Ans
- ☐ 1. Only conclusion I follows
 - ☒ 2. Neither conclusion I nor II follows
 - ☐ 3. Only conclusion II follows
 - ☐ 4. Both conclusions I and II follow

Q.19 In a certain code language, 'CREATE' is coded as '84' and 'FLOP' is coded as '56'. What is the code for 'PURPOSEFULLY' in the given code language?

- Ans**
-  1. 142
 -  2. 170
 -  3. 117
 -  4. 168

Q.20 What should come in place of the question mark (?) in the given series?

4, 7, 11, 18, 29, 47, 76, ?, 199

- Ans**
-  1. 127
 -  2. 125
 -  3. 130
 -  4. 123

Section : **General Awareness**

Q.1 'Waiting for a Visa' is a 20-page autobiography of _____.

- Ans**
-  1. Sadar Vallabhbhai Patel
 -  2. Dr Bhim Rao Ambedkar
 -  3. Mahatma Gandhi
 -  4. Jawahar Lal Nehru

Q.2 Who presides over the House in absence of the Speaker and the Deputy Speaker in the Indian political system?

- Ans**
-  1. Chief Justice of the Supreme Court
 -  2. Prime Minister
 -  3. President
 -  4. Chairperson so nominated

Q.3 Name the Union territory with the lowest density of population as per Census of India 2011.

- Ans**
-  1. Daman and Diu
 -  2. Lakshdweep
 -  3. New Delhi
 -  4. Andaman and Nicobar Islands

Q.4 From which state in India did the legendary volleyball player Jimmy George hail?

- Ans**
-  1. Kerala
 -  2. Odisha
 -  3. Telangana
 -  4. Maharashtra

Q.5 In a food chain of Algae-Shrimp-Fish-Bird, if the energy available at the bird is 4 kJ, then the energy available at the shrimp is:

- Ans**
-  1. 0.04 kJ
 -  2. 400 kJ
 -  3. 4 kJ
 -  4. 4000 kJ

Q.6 The Mawsynram receives the highest average annual rainfall in the world. It is located in which hills?

- Ans**
-  1. Maikala hills
 -  2. Garo hills
 -  3. Khasi hills
 -  4. Jaintia hills

Q.7 Which of the following dance forms emotes a play through dancing in which the song is customarily in Manipravala language?

- Ans**
- ☐ 1. Kathak
 - ☒ 2. Mohiniattam
 - ☐ 3. Kuchipudi
 - ☐ 4. Sattriya

Q.8 Who among the following has been appointed as the new Director General of the Geological Survey of India (GSI) in June 2023?

- Ans**
- ☒ 1. Janardan Prasad
 - ☐ 2. Ashwani Kumar
 - ☐ 3. Ajay Yadav
 - ☐ 4. Amarendu Prakash

Q.9 Which of the following Commissions was set up to investigate the incident of Jallianwala Bagh in 1919?

- Ans**
- ☒ 1. Hunter Commission
 - ☐ 2. Simon Commission
 - ☐ 3. Peel Commission
 - ☐ 4. Sadler Commission

Q.10 Pulakeshin II was the famous ruler of which of the following dynasties?

- Ans**
- ☐ 1. Vakataka
 - ☒ 2. Chalukya
 - ☐ 3. Gauda
 - ☐ 4. Maitraka

Q.11 Which of the following is the residential place of Buddhist priests?

- Ans**
- ☒ 1. Vihara
 - ☐ 2. Chaitya
 - ☐ 3. Stupa
 - ☐ 4. Stambha

Q.12 For the development of agriculture, a new department, Diwan-i-Amir-Kohi was established by which of the following Sultans of Delhi?

- Ans**
- ☐ 1. Alauddin Khalji
 - ☐ 2. Ghiyasuddin Balban
 - ☒ 3. Muhammad Bin Tughlaq
 - ☐ 4. Shamsuddin Iltutmish

Q.13 Which of the following national income aggregates is generally recognised as National Income of a country?

- Ans**
- ☐ 1. Net National Product at Market Prices
 - ☒ 2. Net National Product at Factor Cost
 - ☐ 3. Gross Domestic Product at Factor Cost
 - ☐ 4. Gross National Product at Market Prices

Q.14 In Maikal hills, which of the following minerals is deposited?

- Ans**
- ☒ 1. Bauxite
 - ☐ 2. Iron
 - ☐ 3. Copper
 - ☐ 4. Coal

Q.15 Find the acceleration (in m/s^2) of a body which accelerates from 5 m/s to 10 m/s in 2 seconds.

- Ans**
- ☐ 1. 5 m/sec^2
 - ☐ 2. 10 m/sec^2
 - ☐ 3. 7.5 m/sec^2
 - ☒ 4. 2.5 m/sec^2

Q.16 Who is the first Indian Female Dancer to receive the highest Padma award, Padma Vibhushan?

- Ans**
- ☒ 1. Sonal Mansingh
 - ☐ 2. Shobha Naidu
 - ☐ 3. Sanjukta Panigrahi
 - ☐ 4. Madhavi Mudgal

Q.17 The Directive Principles of State Policy are considered fundamental in the governance of the country, but they are not enforceable by any court. This concept is mentioned in which Article?

- Ans**
- ☐ 1. Article 38
 - ☐ 2. Article 49
 - ☐ 3. Article 32
 - ☒ 4. Article 37

Q.18 According to the census of India 2011, which union territory from the following has the highest sex ratio?

- Ans**
- ☐ 1. Chandigarh
 - ☐ 2. Daman and Diu
 - ☒ 3. Puducherry
 - ☐ 4. Lakshadweep

Q.19 Which of the following is an artificial port in India?

- Ans**
- ☐ 1. Mumbai port
 - ☐ 2. Kolkata port
 - ☒ 3. Chennai port
 - ☐ 4. Deendayal port

Q.20 The Home Rule League Movement of Bal Gangadhar Tilak had its base across Karnataka and Maharashtra, but excluding which of the following?

- Ans**
- ☐ 1. Poona
 - ☒ 2. Bombay
 - ☐ 3. Berar
 - ☐ 4. Nagpur

Q.21 Which of the following possesses the largest isolated single cell?

- Ans**
- ☐ 1. Amoeba
 - ☒ 2. Ostrich egg
 - ☐ 3. Human brain
 - ☐ 4. Blue whale

Q.22 The National Programme for Civil Services Capacity Building (NPCSCB) envisaged by the Central Government is called _____.

- Ans**
- ☐ 1. Seed Scheme
 - ☐ 2. Sahakar Mitra Scheme
 - ☐ 3. Seva Nidhi Scheme
 - ☒ 4. Mission Karmayogi

Q.23 Which of the following instruments is played by Shreya Bhattacharjee, an eminent musician from Assam?

- Ans**
- ☐ 1. Violin
 - ☐ 2. Sitar
 - ☐ 3. Flute
 - ☒ 4. Tabla

Q.24 Which festival commemorates the death of Hussain Ibn Ali?

- Ans**
- ☐ 1. Eid-ul-fitr
 - ☐ 2. Milad-un-nabi
 - ☐ 3. Shab-i-baraat
 - ☒ 4. Muharram

Q.25 The _____ Polo Club is the home of the Ezra Cup event, the world's oldest polo tournament, started in 1880.

- Ans**
- ☐ 1. Hyderabad
 - ☐ 2. Jaipur
 - ☒ 3. Calcutta
 - ☐ 4. Delhi

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to substitute the underlined idiom/phrase in the given sentence.
The salesman informed the customers that if they had any questions, they could drop a line.

- Ans**
- ☒ 1. send a brief letter
 - ☐ 2. complain against him
 - ☐ 3. call his secretary
 - ☐ 4. come back with the items

Q.2 Select the option that can be used as a one-word substitute for the given group of words.

A person who is mentally ill

- Ans**
- ☐ 1. Mercenary
 - ☐ 2. Psychiatrist
 - ☒ 3. Lunatic
 - ☐ 4. Psychologist

Q.3 Select the option that rectifies the underlined spelling error.

The permissible limit of vehicle speed has been increased in India by the Road Transport Corporation.

- Ans**
- ☐ 1. parmissible
 - ☐ 2. permisibble
 - ☐ 3. parmited
 - ☒ 4. permissible

Q.4 Select the most appropriate option that can substitute the underlined segment in the given sentence.

She confided in me on her anxious, whispering her secrets between sips of coffee.

- Ans**
- ☐ 1. on her anxiousness
 - ☐ 2. regarding herself's anxiousness
 - ☐ 3. about her anxious
 - ☒ 4. about her anxiety

Q.5 Select the most appropriate ANTONYM of the highlighted word.

As long as I live, I shall be obliged to my Uncle.

- Ans**
- ☐ 1. pleased
 - ☐ 2. grateful
 - ☐ 3. indebted
 - ☒ 4. thankless

Q.6 Select the most appropriate option to fill in the blank.

Sathish remained unwavering in the face of the assaulting gang, standing as resolute as _____.

- Ans**
- ☐ 1. still
 - ☐ 2. steal
 - ☒ 3. steel
 - ☐ 4. stall

Q.7 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Hektic
 - ☐ 2. Brilliant
 - ☐ 3. Gentle
 - ☐ 4. Kinetic

Q.8 Select the most appropriate synonym of the underlined word in the given sentence.
Wine glass is very fragile; you must handle it with care.

- Ans**
- ☒ 1. Delicate
 - ☐ 2. Resilient
 - ☐ 3. Sturdy
 - ☐ 4. Rough

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She told me / her name but / I'm not remembering / it now.

- Ans**
- ☐ 1. her name but
 - ☐ 2. it now
 - ☐ 3. She told me
 - ☒ 4. I'm not remembering

Q.10 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
Tara has been playing / cricket with her friends / since noon.

- Ans**
- ☐ 1. Since noon
 - ☒ 2. No error
 - ☐ 3. Cricket with her friends
 - ☐ 4. Tara has been playing

Q.11 Select the most appropriate phrase to replace the underlined word.

She is feeling unwell today, so she will not be going to work.

- Ans**
- ☐ 1. head in the clouds
 - ☒ 2. under the weather
 - ☐ 3. face like thunder
 - ☐ 4. chase rainbows

Q.12 The following sentence has been split into four parts. Identify the part that contains a grammatical error.

Surprisingly!! dark chocolates/ are most bitterer/ in taste.

- Ans**
- ☒ 1. are most bitterer
 - ☐ 2. in taste.
 - ☐ 3. Surprisingly!
 - ☐ 4. dark chocolates

Q.13 Select the most appropriate option to fill in the blank.

Though Amal took continuous medication, he was not able to _____ his injury.

- Ans**
- ☒ 1. heal
 - ☐ 2. hill
 - ☐ 3. hail
 - ☐ 4. heel

Q.14 Select the option with the correct spelling to replace the underlined word in the given sentence.

As the roller coaster reached its highest point, a surge of addrenalline coursed through her veins, making her heart race with excitement.

- Ans
- ☐ 1. adreneline
 - ☐ 2. adrineline
 - ☒ 3. adrenaline
 - ☐ 4. adrennaline

Q.15 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

I had never saw/ such a sight/ before I visited Switzerland.

- Ans
- ☐ 1. No error
 - ☒ 2. I had never saw
 - ☐ 3. such a sight
 - ☐ 4. before I visited Switzerland.

Q.16 Select the most appropriate synonym of the underlined word.

The company's new product received affirmative feedback from customers.

- Ans
- ☐ 1. detailed
 - ☐ 2. reflective
 - ☐ 3. critical
 - ☒ 4. positive

Q.17 Select the most appropriate option to fill in the blank.

Please bring some milk from _____ refrigerator in the kitchen.

- Ans
- ☐ 1. No article required
 - ☒ 2. the
 - ☐ 3. an
 - ☐ 4. a

Q.18 Parts of the following sentence have been given as options. Select the option that contains an error.
He bought strange vintage car on auction from the customs department.

- Ans
- ☐ 1. He bought
 - ☐ 2. on auction
 - ☐ 3. from the customs department
 - ☒ 4. strange vintage car

Q.19 Select the option that will improve the underlined part of the given sentence.

Just when they reach the airport, the flight had departed from the runway.

- Ans
- ☒ 1. Just before they reached
 - ☐ 2. Just they reach
 - ☐ 3. Just when they have reached
 - ☐ 4. After they just reach

Q.20 Select the most appropriate option to fill in the blank.
His business was so successful that Mark was able to _____ at the age of 50.

- Ans
- ☐ 1. admit
 - ☒ 2. retire
 - ☐ 3. give up
 - ☐ 4. succeed

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

These letters are not intended to dominate your way of thinking or to persuade you to _____ 1 _____ to the way the writer thinks or feels. It is really a dialogue _____ 2 _____ two friends talking about their problems. You must have observed the state of our society, and that there must be a _____ 3 _____ transformation in the way human beings live, their relation to each other, and in every way possible. We are deeply concerned for our students. The teacher is the _____ 4 _____ important person in the school, for on her or him depends the future welfare of mankind. As the society is disintegrating, these schools must be centres for the regeneration _____ 5 _____ the mind.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. confirm
 - ☐ 2. affirm
 - ☐ 3. control
 - ☒ 4. conform

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

These letters are not intended to dominate your way of thinking or to persuade you to _____ 1 _____ to the way the writer thinks or feels. It is really a dialogue _____ 2 _____ two friends talking about their problems. You must have observed the state of our society, and that there must be a _____ 3 _____ transformation in the way human beings live, their relation to each other, and in every way possible. We are deeply concerned for our students. The teacher is the _____ 4 _____ important person in the school, for on her or him depends the future welfare of mankind. As the society is disintegrating, these schools must be centres for the regeneration _____ 5 _____ the mind.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☐ 1. behind
 - ☐ 2. unless
 - ☒ 3. between
 - ☐ 4. before

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

These letters are not intended to dominate your way of thinking or to persuade you to _____ 1 _____ to the way the writer thinks or feels. It is really a dialogue _____ 2 _____ two friends talking about their problems. You must have observed the state of our society, and that there must be a _____ 3 _____ transformation in the way human beings live, their relation to each other, and in every way possible. We are deeply concerned for our students. The teacher is the _____ 4 _____ important person in the school, for on her or him depends the future welfare of mankind. As the society is disintegrating, these schools must be centres for the regeneration _____ 5 _____ the mind.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☐ 1. avoidable
 - ☐ 2. highly
 - ☐ 3. radial
 - ☒ 4. radical

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

These letters are not intended to dominate your way of thinking or to persuade you to _____ 1 _____ to the way the writer thinks or feels. It is really a dialogue _____ 2 _____ two friends talking about their problems. You must have observed the state of our society, and that there must be a _____ 3 _____ transformation in the way human beings live, their relation to each other, and in every way possible. We are deeply concerned for our students. The teacher is the _____ 4 _____ important person in the school, for on her or him depends the future welfare of mankind. As the society is disintegrating, these schools must be centres for the regeneration _____ 5 _____ the mind.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
-  1. more
 -  2. most
 -  3. not
 -  4. much

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

These letters are not intended to dominate your way of thinking or to persuade you to _____ 1 _____ to the way the writer thinks or feels. It is really a dialogue _____ 2 _____ two friends talking about their problems. You must have observed the state of our society, and that there must be a _____ 3 _____ transformation in the way human beings live, their relation to each other, and in every way possible. We are deeply concerned for our students. The teacher is the _____ 4 _____ important person in the school, for on her or him depends the future welfare of mankind. As the society is disintegrating, these schools must be centres for the regeneration _____ 5 _____ the mind.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
-  1. of
 -  2. off
 -  3. although
 -  4. under

Multi Tasking Non Technical Staff and Havalдар CBIC and CBN Examination 2024

Exam Date	14/11/2024
Exam Time	4:00 PM - 5:30 PM
Subject	MTS Non Tech Havalдар CBIC and CBN Examination 2024

Section : Numerical and Mathematical Ability

Q.1 Study the given table and answer the question that follows.
The table shows the number of candidates who appeared (both male and female) in a Public Examination and the percentage of those who qualified in the examination from two states M and N. A few values are missing in the table (indicated by -----). You will be required to fill them up according to the question.

Year	State M		State N	
	Number of appeared candidates	Percentage of qualified candidates	Number of appeared candidates	Percentage of qualified candidates
2002	540	80	-----	60
2003	660	70	-----	65
2004	-----	90	850	70
2005	550	60	780	95
2006	980	-----	860	-----

If the total number of candidates appeared from State M is 3500 from 2002 to 2006, then what was the number of candidates who qualified from State M in 2004?

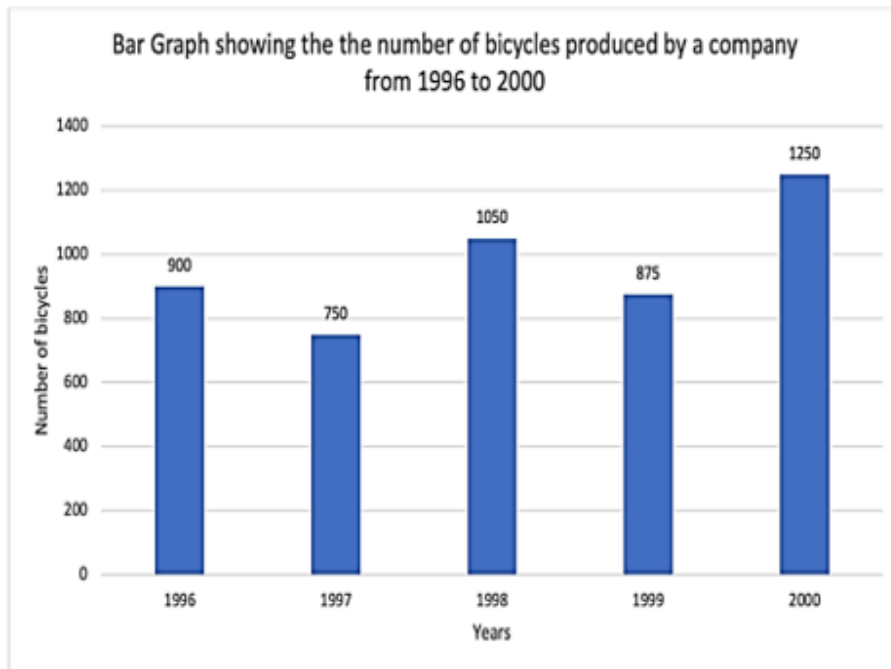
- Ans  1. 558
 2. 957
 3. 693
 4. 782

Q.2 Two trains of lengths 110 m and 100 m are running towards each other on parallel lines at the speed of 50 km/h and 58 km/h, respectively. How long will they take to cross each other after they meet?

- Ans  1. 5 seconds
 2. 4 seconds
 3. 6 seconds
 4. 7 seconds

Q.3

The bar graph below shows the number of bicycles produced by a company from 1996 to 2000.



The combined number of bicycles produced between 1998 and 2000 is what percentage (rounded off to one decimal place) of the combined number of bicycles produced in 1996, 1997 and 1999?

- Ans
- ☒ 1. 88.9%
 - ☒ 2. 93.6%
 - ☒ 3. 91.1%
 - ☒ 4. 90.3%

Q.4 What sum (in ₹) will earn a simple interest of ₹360 in 3 years at 12% per year rate of interest?

- Ans
- ☒ 1. 1500
 - ☒ 2. 500
 - ☒ 3. 2000
 - ☒ 4. 1000

Q.5 Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 7% per year rate of interest for 4 years.

- Ans
- ☒ 1. 1020
 - ☒ 2. 920
 - ☒ 3. 940
 - ☒ 4. 980

Q.6 For a sum of ₹15,000 the rate of interest of 8.5% per annum simple interest, find the interest earned (in ₹) in 5 years 3 months.

- Ans
- ☒ 1. 21,693.75
 - ☒ 2. 6,693.75
 - ☒ 3. 6,375
 - ☒ 4. 21,375

Q.7 If a semi-circular plot has radius 100 m, find its perimeter. (Use $\pi = 3.14$)

- Ans
- ☒ 1. 500 m
 - ☒ 2. 414 m
 - ☒ 3. 828 m
 - ☒ 4. 514 m

Q.8 If the numerator of a fraction is increased by 12% and its denominator is diminished by 8%, then the value of the fraction is $\frac{56}{69}$. Find the original fraction.

- Ans**
- ☐ 1. $\frac{4}{3}$
 - ☐ 2. $\frac{3}{2}$
 - ☒ 3. $\frac{2}{3}$
 - ☐ 4. $\frac{3}{4}$

Q.9 A solid hemisphere of radius 12 cm is melted into N identical cones, each of radius 6 cm and height 8 cm. What is the value of N?

- Ans**
- ☐ 1. 15
 - ☐ 2. 8
 - ☐ 3. 10
 - ☒ 4. 12

Q.10 The average weight of Rakesh and his five friends is 62 kg. If Rakesh is 6 kg heavier than the average weight of his five friends, then find the weight of Rakesh.

- Ans**
- ☒ 1. 67 kg
 - ☐ 2. 68 kg
 - ☐ 3. 62 kg
 - ☐ 4. 61 kg

Q.11 A shop has two promotional offers: buy three shirts, get one shirt free, or a 25% discount on the marked price. If a customer buys five using both offers, what discount will he get all together?

- Ans**
- ☐ 1. 50%
 - ☐ 2. 27.5%
 - ☐ 3. 30%
 - ☒ 4. 25%

Q.12 A school's 41 students weigh an average of 52 kg. The mean weight increases by 500 grams when the teacher's weight is taken into account. Determine the teacher's weight.

- Ans**
- ☐ 1. 71 kg
 - ☒ 2. 73 kg
 - ☐ 3. 74 kg
 - ☐ 4. 72 kg

Q.13 What is the HCF of 513, 1134 and 1215?

- Ans**
- ☒ 1. 27
 - ☐ 2. 19
 - ☐ 3. 81
 - ☐ 4. 3

Q.14 The average of two numbers is 13.5 and the square root of their product is $6\sqrt{5}$. Find the numbers.

- Ans**
- ☐ 1. 13 and 14
 - ☐ 2. 11 and 16
 - ☒ 3. 12 and 15
 - ☐ 4. 10 and 17

Q.15 A train increases its regular speed by 12.5% and reaches its destination 20 minutes earlier. What is the actual time taken by the train on the journey?

- Ans**
- ☐ 1. 120 min
 - ☒ 2. 180 min
 - ☐ 3. 110 min
 - ☐ 4. 150 min

Q.16 The total surface area of a solid hemisphere is 1848 cm^2 then its volume (in cm^3) is:

(use $\pi = \frac{22}{7}$)

Ans

- ☐ 1. $3370\frac{1}{3}$
- ☐ 2. $6473\frac{1}{3}$
- ☐ 3. $2640\frac{2}{3}$
- ☒ 4. $5749\frac{1}{3}$

Q.17 Which of the following equations is correct?

Ans

- ☒ 1. $SP = (100 - \text{loss}\%) \times \frac{CP}{100}$
- ☐ 2. $SP = (100 - \text{gain}\%) \times \frac{CP}{100}$
- ☐ 3. $\text{Loss} = SP - CP$
- ☐ 4. $\text{Gain \%} = CP / (\text{gain} \times 100)$

Q.18 The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 68 kg and 38 kg is:

Ans

- ☒ 1. 50.2
- ☐ 2. 52.2
- ☐ 3. 51.2
- ☐ 4. 49.2

Q.19 A dealer sells his goods at 5% loss on cost price but uses $12\frac{1}{2}\%$ less weight. Find his percentage of loss or gain.

Ans

- ☐ 1. Loss $8\frac{4}{7}\%$
- ☐ 2. Gain $7\frac{4}{7}\%$
- ☒ 3. Gain $8\frac{4}{7}\%$
- ☐ 4. Loss $7\frac{8}{7}\%$

Q.20 The quantity of milk ordered on the first, second, third and fourth day of a four day ceremony is in the proportion of 30 litres, 24 litres, 35 litres and 'x' litres, respectively. Find the quantity of milk (in litres) ordered on the fourth day.

Ans

- ☐ 1. 32
- ☐ 2. 26
- ☒ 3. 28
- ☐ 4. 30

Section : Reasoning Ability and Problem Solving

Q.1 A, B, C, D, E, F and G are sitting around a circular table facing the centre (but not necessarily in the same order). B sits to the immediate left of E. C sits to the immediate left of F. F sits second to the left of G. D sits third to the left of E.

Who sits third to the left of A?

Ans

- ☐ 1. B
- ☐ 2. F
- ☒ 3. G
- ☐ 4. E

Q.2 A, B, C, D, E, F, G and H are sitting around a circular table facing out to the centre (but not necessarily in the same order). D is sitting to the immediate left of A and third to the right of H. B is sitting third to the right of F. F is the immediate neighbour of C and G. C is sitting third to the right of A. Who is sitting fourth to the right of A?

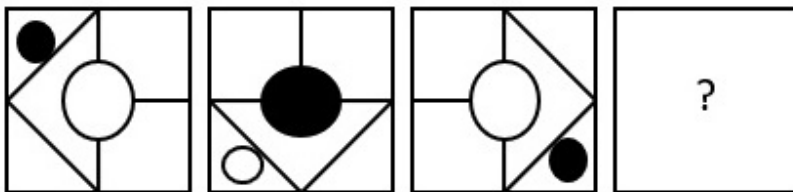
- Ans**
- ☒ 1. B
 - ☒ 2. D
 - ☒ 3. C
 - ☒ 4. H

Q.3 3 is related to 40 following a certain logic. Following the same logic, 5 is related to 66. To which of the following is 10 related, following the same logic?

(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying, etc., to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

- Ans**
- ☒ 1. 127
 - ☒ 2. 125
 - ☒ 3. 131
 - ☒ 4. 129

Q.4 Select the figure from the options that can replace the question mark (?) and logically complete the series.

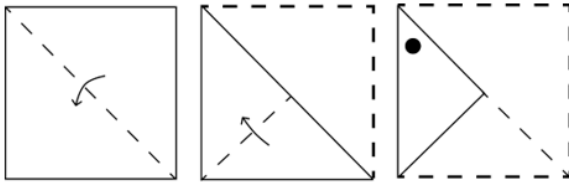


Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

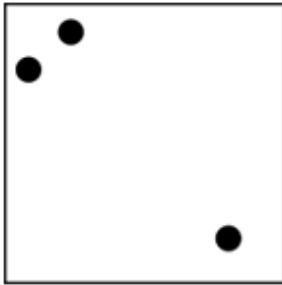
Q.5

A square sheet of paper is folded along the dotted line successively along the directions shown and is then punched in the last. How would the paper look when unfolded?

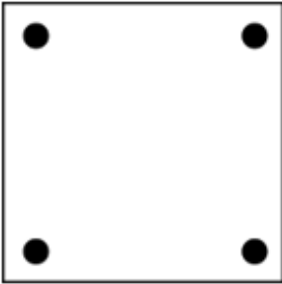


Ans

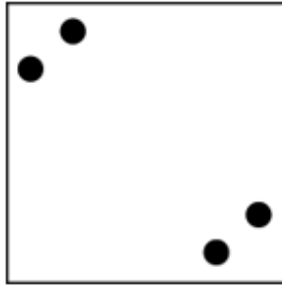
✗ 1.



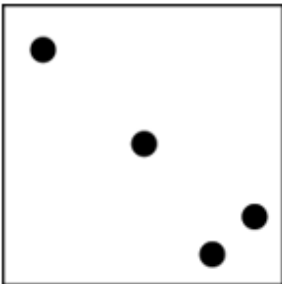
✗ 2.



✓ 3.



✗ 4.



Q.6

What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$24 \times 576 \div 72 - 108 + 91 = ?$$

Ans

✓ 1. 20

✗ 2. 2

✗ 3. 18

✗ 4. 12

Q.7 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.
Statements:
Some tomatoes are potatoes.
No potato is an onion.
Conclusions:
(I) Some potatoes are not tomatoes.
(II) No tomato is an onion.

- Ans**
- ☒ 1. Both conclusions I and II follow
 - ☒ 2. Only conclusion I follows
 - ☒ 3. Neither conclusion I nor II follows
 - ☒ 4. Only conclusion II follows

Q.8 What will come in the place of the question mark (?) in the following equation, if '+' and 'x' are interchanged and '-' and '÷' are interchanged?
 $78 - 6 \div 6 + 2 \times 8 = ?$

- Ans**
- ☒ 1. 0
 - ☒ 2. 4
 - ☒ 3. 9
 - ☒ 4. 7

Q.9 In a certain code language, 'MONKEY' is coded as 'BHNQRP' and 'NAP' is coded as 'SDQ'. What is the code for 'JUTEBAG' in the given code language?

- Ans**
- ☒ 1. JDEHWXM
 - ☒ 2. JDEKWXM
 - ☒ 3. JDEHUXM
 - ☒ 4. JDEHWXN

Q.10 In a certain code language, 'GOES' is coded as '4268' and 'OILY' is coded as '3457'. What is the code for 'O' in the given code language?

- Ans**
- ☒ 1. 4
 - ☒ 2. 3
 - ☒ 3. 5
 - ☒ 4. 2

Q.11 In a certain code language, 'you read book' is written as 'hm rn op' and 'book is good' is written as 'cf am rn'. What is the code for 'book' in that language?

- Ans**
- ☒ 1. cf
 - ☒ 2. op
 - ☒ 3. am
 - ☒ 4. rn

Q.12 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

XCW, UGS, RKO, ?, LSG

- Ans**
- ☒ 1. OOM
 - ☒ 2. OMN
 - ☒ 3. OLO
 - ☒ 4. OOK

Q.13 Select the figure from among the given options that can replace the question mark (?) in the following series and complete the pattern.

5	U	O	5	
B L O U	2 B 5 O	L 2 B 5	U L O B	?
2	L	U	2	

Ans

✗ 1.

5
B L O U
2

✗ 2.

2
B U L O
5

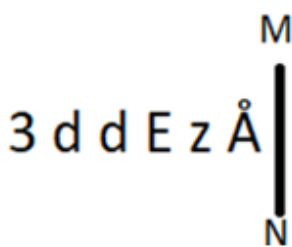
✓ 3.

B
2 U L O
5

✗ 4.

2
L O B 5
U

Q.14 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

✗ 1.

Å z E 3 b b 3

✓ 2.

Å z E 3 b b 3

✗ 3.

Å z E 3 p p 3

✗ 4.

Å z E 3 d d 3

Q.15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All papayas are oranges.

Some oranges are apples.

Conclusions:

(I) At least some apples are oranges.

(II) Some papayas are apples.

- Ans**
- ☒ 1. Only conclusion II follows
 - ☒ 2. Neither conclusion I nor II follows
 - ☒ 3. Only conclusion I follows
 - ☒ 4. Both conclusion I and II follow

Q.16 Select the number from among the given options that can replace the question mark (?) in the following series.
10, ?, 46, 94, 190, 382, 766

- Ans**
- ☒ 1. 20
 - ☒ 2. 18
 - ☒ 3. 24
 - ☒ 4. 22

Q.17 In a certain code language, 'WORK' is written as '5964' and 'RISE' is coded as '1348'. How is 'R' coded in the given language?

- Ans**
- ☒ 1. 4
 - ☒ 2. 3
 - ☒ 3. 1
 - ☒ 4. 8

Q.18 CDFG is related to FGIJ in a certain way based on the English alphabetical order. In the same way, MNPQ is related to PQST. To which of the following is HIKL related, following the same logic?

- Ans**
- ☒ 1. KLNO
 - ☒ 2. KLNP
 - ☒ 3. LKNO
 - ☒ 4. JKNO

Q.19 'RJ 17' is related to 'QL 19' in a certain way. In the same way, 'CP 12' is related to 'BR 14'. To which of the following is 'OJ 22' related following the same logic?

- Ans**
- ☒ 1. NL 24
 - ☒ 2. PK 23
 - ☒ 3. QJ 22
 - ☒ 4. NK 21

Q.20 In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into their constituent digits. E.g. 13 – Operations on 13 such as adding/ subtracting /multiplying to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)

8, 72

11, 99

- Ans**
- ☒ 1. 21, 123
 - ☒ 2. 19, 131
 - ☒ 3. 15, 125
 - ☒ 4. 17, 153

Q.1 Which of the following amendments, made in September 2023, is known as 'Nari Shakti Vandan Adhiniyam'?

Ans  1. 128th

 2. 106th

 3. 104th

 4. 105th

Q.2 Which brick-made minaret holds the record for being the world's tallest tower at 73 metres?

Ans  1. Qutb Minar (India)

 2. Minaret of Turin (Italy)

 3. Minaret of Jam (Afghanistan)

 4. Kalyan Minaret (Uzbekistan)

Q.3 Who among the following social reformers ruled out the practice of Sati on the basis of Hindu religious texts?

Ans  1. Jyotiba Phule

 2. Ishwar Chandra Vidyasagar

 3. Raja Ram Mohan Roy

 4. Swami Vivekanand

Q.4 The Hugli industrial region is located in which state?

Ans  1. West Bengal

 2. Karnataka

 3. Gujarat

 4. Telangana

Q.5 The First Battle of Panipat (1526) marked the beginning of:

Ans  1. Mughal's Rule in India

 2. French East India Company's rule in India

 3. Sultanat's rule in India

 4. British East India company's rule in India

Q.6 Limestone is composed of:

Ans  1. sodium carbonate

 2. aluminium oxide

 3. iron oxide

 4. calcium carbonate

Q.7 Which edition of 'Pradhan Mantri Kaushal Vikas Yojana' has been announced in union budget 2023?

Ans  1. 5.0

 2. 2.0

 3. 3.0

 4. 4.0

Q.8 Which of the following was the mascot of the 37th National Games?

Ans  1. Savaj

 2. Chhaua

 3. Moga

 4. Ammu

Q.9 Identify the tributary of the Brahmaputra River from the following.

Ans  1. Hindan

 2. Barakar

 3. Kali Ganga

 4. Burhi Dihing

Q.10 Vinod Kevin Bachan has been selected for the Ustad Bismillah Khan Yuva Puraskar 2021, for his contribution to which Indian dance form?

- Ans**
- ☐ 1. Chhau
 - ☒ 2. Odissi
 - ☐ 3. Kathak
 - ☐ 4. Sattriya

Q.11 The novel 'Pinjar' that was later converted into a motion picture was written by:

- Ans**
- ☐ 1. Dharamveer Bharati
 - ☒ 2. Amrita Pritam
 - ☐ 3. Ismat Chughtai
 - ☐ 4. Krishna Sobti

Q.12 Children's Day in India is celebrated to commemorate the birth anniversary of _____.

- Ans**
- ☐ 1. Dr. BR Ambedkar
 - ☒ 2. Pandit Jawaharlal Nehru
 - ☐ 3. Dr. APJ. Abdul Kalam
 - ☐ 4. Dr. Sarvepalli Radhakrishnan

Q.13 How many covalent bonds are present between the constituent atoms in the molecules of Butane and Hexane, respectively?

- Ans**
- ☐ 1. 10 and 16
 - ☐ 2. 14 and 20
 - ☒ 3. 13 and 19
 - ☐ 4. 11 and 19

Q.14 What is the term for the gradual, sequential changes in species composition in an ecosystem over time?

- Ans**
- ☐ 1. Extinction
 - ☐ 2. Adaptation
 - ☐ 3. Evolution
 - ☒ 4. Succession

Q.15 Chili peppers produce a burning sensation in any tissue with which they come into contact. What is the compound responsible for this?

- Ans**
- ☐ 1. Formic acid
 - ☐ 2. Lycopene
 - ☐ 3. Acetic acid
 - ☒ 4. Capsaicin

Q.16 Which of the following classical dance styles manifests the element of sky?

- Ans**
- ☐ 1. Manipuri
 - ☐ 2. Kuchipudi
 - ☐ 3. Kathak
 - ☒ 4. Kathakali

Q.17 The Aatmanirbhar Bharat Rojgar Yojana was implemented through which organisation?

- Ans**
- ☐ 1. HDFC Bank
 - ☐ 2. Life Insurance Corporation
 - ☐ 3. Reserve Bank of India
 - ☒ 4. Employees Provident Fund Organisation

Q.18 Which of the following is NOT a drawback of the barter system?

- Ans**
- ☒ 1. Surplus goods are replaced with other goods
 - ☐ 2. Difficulty in contractual payments
 - ☐ 3. Double coincidence of wants
 - ☐ 4. Lack of a common unit of value

Q.19 As per Census 2011, what is the average female literacy rate in India?

- Ans**
-  1. 74.34%
 -  2. 60.76%
 -  3. 82.45%
 -  4. 65.46%

Q.20 Which state hosted the 6th edition of Khelo India Youth Games in 2024?

- Ans**
-  1. Kerala
 -  2. Karnataka
 -  3. Telangana
 -  4. Tamil Nadu

Q.21 How many fundamental duties were added by the 42nd Constitutional Amendment Act 1976?

- Ans**
-  1. Fifty teen
 -  2. Thirteen
 -  3. Ten
 -  4. Eleven

Q.22 Which Article of the Constitution of India describes a key feature of 'Universal Adult Franchise' that grants the right to vote to citizens, above the age of 18 years in India?

- Ans**
-  1. Article 315
 -  2. Article 367
 -  3. Article 326
 -  4. Article 352

Q.23 Both, Rajesh Prasanna and Rishabh Prasanna are associated with which musical instrument?

- Ans**
-  1. Guitar
 -  2. Piano
 -  3. Flute
 -  4. Mandolin

Q.24 Jallianwala Bagh is located in which city?

- Ans**
-  1. Chandigarh
 -  2. Ludhiana
 -  3. Ambala
 -  4. Amritsar

Q.25 Which among the following dynasties originated from the Yueh-chih tribe of China?

- Ans**
-  1. Satavahanas
 -  2. Guptas
 -  3. Parthians
 -  4. Kushanas

Section : **English Language and Comprehension**

Q.1 Select the most appropriate ANTONYM of the underlined word in the given sentence.

Radha stepped backward to avoid the incoming traffic.

- Ans**
-  1. Behind
 -  2. Forward
 -  3. Affront
 -  4. Beside

Q.2 Select the most appropriate option to fill in the blank.
Only when the floods get _____ will world governments begin to act.

- Ans**
- ☒ 1. worse
 - ☐ 2. gullible
 - ☐ 3. lucky
 - ☐ 4. frequently

Q.3 Select the most appropriate meaning of the given idiom.

Pull someone's leg

- Ans**
- ☒ 1. To tease or play a joke on someone
 - ☐ 2. To take a situation seriously or earnestly
 - ☐ 3. To avert a great danger
 - ☐ 4. To physically pull the legs of a person

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

It was an insight / and determination of the lady doctor / that people were / able to lead a normal life.

- Ans**
- ☐ 1. and determination of the lady doctor
 - ☐ 2. that people were
 - ☐ 3. able to lead a normal life
 - ☒ 4. It was an insight

Q.5 Select the option that expresses the given sentence in future continuous tense form
I shall come again in the afternoon for lunch.

- Ans**
- ☐ 1. I shall have come again in the afternoon for lunch
 - ☐ 2. I will come again in the afternoon for lunch.
 - ☒ 3. I shall be coming again in the afternoon for lunch.
 - ☐ 4. I will be coming again in the afternoon for lunch.

Q.6 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
I thought of this idea / just when you called / me yesterday.

- Ans**
- ☐ 1. just when you called
 - ☐ 2. me yesterday
 - ☐ 3. I thought of this idea
 - ☒ 4. No error

Q.7 Select the most appropriate option to fill in the blank.
A majority of Indians prefer to use the Internet for _____ booking and other financial services.

- Ans**
- ☐ 1. dispersing
 - ☐ 2. improving
 - ☐ 3. attending
 - ☒ 4. accessing

Q.8 Select the option that correctly rectifies the underlined spelling error.

Thank you for this jar of asorted cookies.

- Ans**
- ☐ 1. essorted
 - ☐ 2. asoted
 - ☒ 3. assorted
 - ☐ 4. esorted

Q.9 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Strengthen
 - ☐ 2. Naviggetion
 - ☒ 3. Cleansing
 - ☒ 4. Comparison

Q.10 Select the most appropriate ANTONYM that can substitute the underlined segment in the given sentence.

Mountaineering requires a combination of physical strength, endurance, technical skill and mental fortitude.

- Ans**
- ☒ 1. timidity
 - ☒ 2. enthusiasm
 - ☒ 3. excitement
 - ☒ 4. persistence

Q.11 The given sentence is divided into three segments. One of them may contain a grammatical error. Select the option that has the segment with the error. If there is no error, select 'No error' as your answer.
Meenu looks/ much better/ today.

- Ans**
- ☒ 1. today.
 - ☒ 2. Meenu looks
 - ☒ 3. No error
 - ☒ 4. much better

Q.12 Select the most appropriate option to fill in the blanks.
I did not _____ that he would _____ the offer.

- Ans**
- ☒ 1. bate; bait
 - ☒ 2. expect; accept
 - ☒ 3. bait; bate
 - ☒ 4. except; accept

Q.13 Select the most appropriate ANTONYM of the highlighted word.

The man had committed a grave offence so he was granted bail.

- Ans**
- ☒ 1. trivial
 - ☒ 2. serious
 - ☒ 3. solemn
 - ☒ 4. dignified

Q.14 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Scatter
 - ☒ 2. Scarf
 - ☒ 3. Resort
 - ☒ 4. Rside

Q.15 Select the most appropriate option to fill in the blank.
Fish live in aquariums and pigs live in _____.

- Ans**
- ☒ 1. kennels
 - ☒ 2. stables
 - ☒ 3. dens
 - ☒ 4. sties

Q.16 Select the most appropriate option to fill in the blank to complete the idiom and make the sentence meaningful.
Her company's new product launch was a real _____ squib.

- Ans**
- ☒ 1. damp
 - ☐ 2. dear
 - ☐ 3. deaf
 - ☐ 4. dirty

Q.17 Select the most appropriate option to fill in the blank.

Please pass _____ the salt.

- Ans**
- ☒ 1. me
 - ☐ 2. my
 - ☐ 3. mine
 - ☐ 4. I

Q.18 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

My cousin thinks that / English is difficult / than other subjects.

- Ans**
- ☒ 1. English is difficult
 - ☐ 2. No error
 - ☐ 3. than other subjects
 - ☐ 4. My cousin thinks that

Q.19 Select the most appropriate ANTONYM of the given word.

Attract

- Ans**
- ☐ 1. React
 - ☐ 2. Rear
 - ☐ 3. Recur
 - ☒ 4. Repel

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Ramesh is fond at playing guitar in his free time.

- Ans**
- ☐ 1. for
 - ☒ 2. of
 - ☐ 3. in
 - ☐ 4. on

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

To forgive an injury is often (1)_____ to be a sign of weakness; it is really a sign of (2)____. It is easy to allow oneself to be carried away by resentment and hate into an act of (3)_____; but it takes a strong character to restrain those natural passions. The man who (4)_____ an injury proves himself to be the superior of the man who wronged him, and puts the wrong-doer to shame. (5)____ may even turn a foe into a friend.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☐ 1. granted
 - ☐ 2. given
 - ☒ 3. considered
 - ☐ 4. allowed

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

To forgive an injury is often (1)_____ to be a sign of weakness; it is really a sign of (2)____. It is easy to allow oneself to be carried away by resentment and hate into an act of (3)_____; but it takes a strong character to restrain those natural passions. The man who (4)_____ an injury proves himself to be the superior of the man who wronged him, and puts the wrong-doer to shame. (5)____ may even turn a foe into a friend.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. intelligence
 - ☒ 2. usefulness
 - ☒ 3. strength
 - ☒ 4. aptitude

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

To forgive an injury is often (1)_____ to be a sign of weakness; it is really a sign of (2)____. It is easy to allow oneself to be carried away by resentment and hate into an act of (3)_____; but it takes a strong character to restrain those natural passions. The man who (4)_____ an injury proves himself to be the superior of the man who wronged him, and puts the wrong-doer to shame. (5)____ may even turn a foe into a friend.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. vengeance
 - ☒ 2. jurisprudence
 - ☒ 3. overabundance
 - ☒ 4. noncompliance

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

To forgive an injury is often (1)_____ to be a sign of weakness; it is really a sign of (2)____. It is easy to allow oneself to be carried away by resentment and hate into an act of (3)_____; but it takes a strong character to restrain those natural passions. The man who (4)_____ an injury proves himself to be the superior of the man who wronged him, and puts the wrong-doer to shame. (5)____ may even turn a foe into a friend.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. achieves
 - ☒ 2. involves
 - ☒ 3. contrives
 - ☒ 4. forgives

Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

To forgive an injury is often (1)_____ to be a sign of weakness; it is really a sign of (2)____. It is easy to allow oneself to be carried away by resentment and hate into an act of (3)_____; but it takes a strong character to restrain those natural passions. The man who (4)_____ an injury proves himself to be the superior of the man who wronged him, and puts the wrong-doer to shame. (5)____ may even turn a foe into a friend.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank number 5.

- Ans**
- ☒ 1. Fondness
 - ☒ 2. Coyness
 - ☒ 3. Boldness
 - ☒ 4. Forgiveness