

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	01/09/2023
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 If the first number is 20% less than the third number and the ratio of the second to the third number is 7 : 10, then the average of the first and the third number is how much per cent more than the second number?

Ans

✓ 1. $28\frac{4}{7}$

✗ 2. $28\frac{2}{7}$

✗ 3. $24\frac{2}{7}$

✗ 4. $26\frac{4}{7}$

Q.2 Two numbers A and B are such that the sum of 6% of A and 4% of B is two-fifth of the sum of 7% of A and 11% of B, then the ratio A : B is:

Ans

✗ 1. 5 : 8

✗ 2. 3 : 7

✓ 3. 1 : 8

✗ 4. 1 : 7

Q.3 The diameter of a metallic sphere is 6 cm. It is melted and drawn into a wire having a diameter of the cross section as 0.4 cm. Find the length of the wire (in metres).

Ans

✗ 1. 18

✗ 2. 12

✓ 3. 9

✗ 4. 10

- Q.4** The following table indicates the number of candidates who appeared in an entrance examination from four different cities A, B, C, D and the ratio of passing and failing. Study the table carefully and answer the question.

City	No. of candidates appeared	Ratio of passing and failing
A	660	5 : 6
B	650	2 : 3
C	500	3 : 2
D	630	4 : 5

Which city has the highest number of candidates who failed in the entrance examination and find its rate of per cent in that city, respectively?

- Ans**
- ☐ 1. D, 60%
 - ☐ 2. A, 50%
 - ☐ 3. C, 50%
 - ☒ 4. B, 60%

- Q.5** Raju sold an article to Ravi at 10% gain. Ravi sold the article to Ramu at a loss of 10%. If Ramu paid ₹1,485 to Ravi, find the selling price of Raju to Ravi.

- Ans**
- ☐ 1. ₹1,200
 - ☒ 2. ₹1,650
 - ☐ 3. ₹1,600
 - ☐ 4. ₹1,500

- Q.6** What is the mean proportional of 9.61 and 3.61?

- Ans**
- ☐ 1. 6.78
 - ☐ 2. 4.87
 - ☒ 3. 5.89
 - ☐ 4. 3.17

- Q.7** The surface area of a sphere is 616 cm^2 , find its diameter.

Take $\pi = \frac{22}{7}$

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

- Q.8** A truck driver drove 60 km/h for three hours. Then he stopped for one hour and did not go anywhere. Then, he drove four more hours at 60 km/h. What was the driver's average speed (in km/h)?

- Ans**
- ☐ 1. 50.5
 - ☒ 2. 52.5
 - ☐ 3. 42.8
 - ☐ 4. 62.4

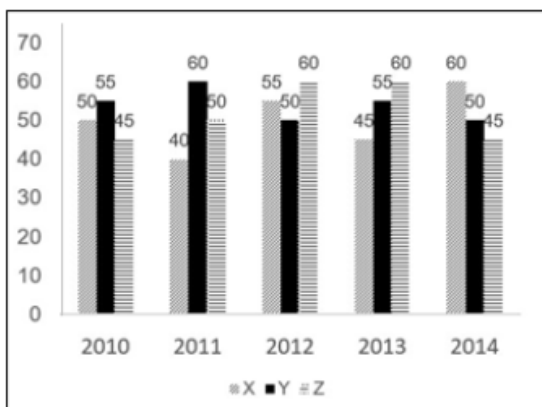
Q.9 Two trains of length 110 m and 85 m are moving in the same direction at 12 m/s and 7 m/s, respectively. Find the time (in seconds) taken by the faster train to cross the slower train.

- Ans**
- ☐ 1. 19
 - ☐ 2. 35
 - ☐ 3. 29
 - ☒ 4. 39

Q.10 Two persons take steps of 77 cm and 88 cm, respectively. If they start in step, then what is the minimum distance (in cm) they should cover so that both of them can cover the distance in complete steps?

- Ans**
- ☐ 1. 968
 - ☒ 2. 616
 - ☐ 3. 828
 - ☐ 4. 560

Q.11 The graph shows the production of tyres (in Lakhs) by three different companies X, Y, and Z over the years. Directions: Study the following graph carefully to answer the question given below it.



What is the difference between the average production per year of the company with the highest average production and that of the company with the lowest average production in Lakhs?

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

Q.12 The cost price of an item is ₹4,350. What is the profit percentage (rounded off to 1 decimal place) if it is sold at ₹5,680?

- Ans**
- ☐ 1. 40.7%
 - ☐ 2. 28.5%
 - ☐ 3. 36.8%
 - ☒ 4. 30.6%

Q.13 In what ratio must a grocer mix two varieties of rice costing ₹128 and ₹143 per kg, respectively, to get a mixture of rice worth ₹137.75 per kg?

- Ans**
- ☐ 1. 5:4
 - ☐ 2. 12:5
 - ☒ 3. 7:13
 - ☐ 4. 6:7

Q.14 A, B and C can do a piece of work in 10, 15, 12 days, respectively. A and B worked alternately for 5 days each and left. Then C joined and completed the work. In how many days did C complete the remaining work?

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

Q.15 Geeta deposited a certain sum of money in her bank account which amounted to ₹27,783 in 3 years at 5% per annum, the interest being compounded annually. What amount did she deposit?

- Ans
- ☐ 1. ₹25,500
 - ☐ 2. ₹25,000
 - ☒ 3. ₹24,000
 - ☐ 4. ₹26,000

Q.16 Simplify:
 $(13 \div 13 \text{ of } 13 + 13)/(13 \div 13 \times 13 + 13)$

- Ans
- ☐ 1. $\frac{13}{96}$
 - ☐ 2. $\frac{15}{26}$
 - ☒ 3. $\frac{85}{169}$
 - ☐ 4. $\frac{1}{26}$

Q.17 In a class of 37 students, there are 22 girls. The average weight of these girls is 46 kg and the average weight of the whole class is 50 kg. What is the average weight (in kg) of the boys in that class? (Rounded off to 2 decimal places)

- Ans
- ☐ 1. 61.35
 - ☒ 2. 55.87
 - ☐ 3. 60.74
 - ☐ 4. 58.25

Q.18 Disha invested an amount of ₹20,000 for 9 years at a simple interest per annum and obtain the total amount of ₹33,500. What is the rate of interest?

- Ans
- ☒ 1. 7.5%
 - ☐ 2. 9%
 - ☐ 3. 8%
 - ☐ 4. 8.5%

Q.19 A and B can do a piece of work in 4 days, B and C can do the same work in 5 days, A and C can do it in 10 days. If A, B, C work together, in how many days can they complete the work?

- Ans
- ☐ 1. $11\frac{7}{3}$
 - ☐ 2. $11\frac{3}{7}$
 - ☐ 3. $3\frac{11}{7}$
 - ☒ 4. $3\frac{7}{11}$

Q.20 A boat takes 20 hours for travelling downstream from point A to point B and comes back to a midpoint C between A and B. The speed of the stream is 5 km/h and the speed of the boat in still water is 10 km/h. Find the distance between A and B (in km).

- Ans**
- ☐ 1. 100
 - ☐ 2. 150
 - ☒ 3. 120
 - ☐ 4. 75

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?
 $32 - 512 \times 64 \div 8 + 64 = ?$

- Ans**
- ☐ 1. 22
 - ☐ 2. 52
 - ☒ 3. 32
 - ☐ 4. 42

Q.2 What should come in place of '?' in the given series?

9 15 33 87 ? 735 2193

- Ans**
- ☐ 1. 225
 - ☒ 2. 249
 - ☐ 3. 237
 - ☐ 4. 241

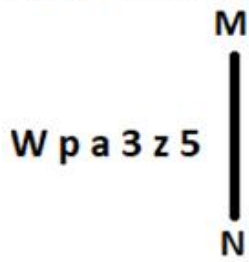
Q.3 The position of how many letters will remain unchanged if each of the letter in the word 'FINGER' is arranged in alphabetical order?

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

Q.4 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?
(87 A 29) B 14 D 24 C 14 C 6 B 5 = ?

- Ans**
- ☒ 1. 62
 - ☐ 2. 74
 - ☐ 3. 56
 - ☐ 4. 68

Q.5 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ✓ 1. Ƶ ɹ ɛ ɹ q W
 - ✗ 2. Ƶ Ƶ 3 ɛ b M
 - ✗ 3. 5 ɹ 3 ɛ p W
 - ✗ 4. z 5 ɛ ɛ p M

Q.6 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Reflection : Light

- Ans
- ✓ 1. Echo : Sound
 - ✗ 2. Sentiment : Feeling
 - ✗ 3. Iris : Sight
 - ✗ 4. Movie : Scene

Q.7 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

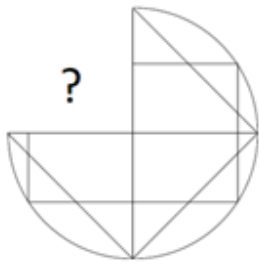
P _ _ PO _ P _ P _ OP

- Ans
- ✓ 1. OPPOP
 - ✗ 2. POPPO
 - ✗ 3. POOOP
 - ✗ 4. OOOPP

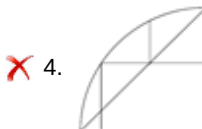
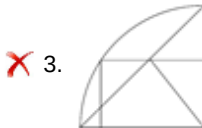
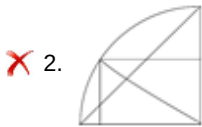
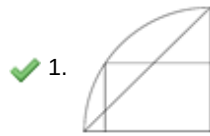
Q.8 287 is related to 398 following a certain logic. Following the same logic, 378 is related to 489. To which of the following is 852 related to, following the same logic?

- Ans
- ✗ 1. 543
 - ✗ 2. 643
 - ✓ 3. 963
 - ✗ 4. 346

Q.9 Identify the figure that completes the pattern (rotation is NOT allowed).



Ans



Q.10 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 sweets. Some sweets are harmful.

Conclusions:

(I) All Chocolates are harmful.

(II) Some harmful are chocolates.

- Ans
- ✗ 1. Only conclusion (II) is follows.
 - ✗ 2. Only conclusion (I) is follows.
 - ✓ 3. Neither conclusion (I) nor (II) is follows.
 - ✗ 4. Both conclusions (I) and (II) are follows.

Q.11 What should come in place of '?' in the given series?

16 65 261 1045 4181 ?

- Ans
- ✗ 1. 16273
 - ✗ 2. 16892
 - ✓ 3. 16725
 - ✗ 4. 16945

Q.12 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

X _AL ZH _L _KAL DNA _ _QAL

- Ans
- ☒ 1. EABLF
 - ☐ 2. FABLE
 - ☐ 3. FBPSB
 - ☐ 4. EBFLA

Q.13 What should come in place of ? in the given series based on the English alphabetical order?

CNT, FQU, ITV, LWW, ?

- Ans
- ☒ 1. OZX
 - ☐ 2. NYY
 - ☐ 3. MXZ
 - ☐ 4. LYX

Q.14 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 rags are carpets. Some carpets are steel. Some steel are bottles.

Conclusion I: All carpets are rags.

Conclusion II: Some carpets are bottles.

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

Q.15 What should come in place of '?' in the given series?

3 9 45 261 1557 ?

- Ans
- ☐ 1. 9555
 - ☐ 2. 8572
 - ☐ 3. 9433
 - ☒ 4. 9333

Q.16 In a certain code language, 'BLUE' is coded as '1542' and 'ABLE' is coded as '1745'. What is the code for 'A' in the given code language?

- Ans
- ☒ 1. 7
 - ☐ 2. 1
 - ☐ 3. 4
 - ☐ 4. 5

Q.17 Which figure should replace the question mark (?) if the following figure series were to be continued?

K		3	3		D	D		U	U		T	?				
L	O	U	D	K	T	O	L	O	L	K	T		D	3	L	O
			T				U				3				K	

Ans

✗ 1.

T				K
O	L	D	3	
			U	

✓ 2.

T				K
L	O	D	3	
			U	

✗ 3.

K				U
O	L	D	3	
			T	

✗ 4.

K				U
3	D	O	L	
			T	

Q.18 38 is related to 49 following a certain logic. Following the same logic, 64 is related to 75. To which of the following is 83 related to, following the same logic?

- Ans
- ✗ 1. 92
 - ✓ 2. 94
 - ✗ 3. 95
 - ✗ 4. 93

Q.19 Six people, P, Q, R, S, T and U are sitting in a straight line, facing north. U sits fourth to the right of R. R is not sitting at the extreme end of the line. T is the immediate neighbour of U and S. Q sits third to the left of S.

Who is sitting immediately to the right of R?

- Ans
- ✗ 1. T
 - ✓ 2. P
 - ✗ 3. S
 - ✗ 4. Q

- Q.20** In a certain code language, 'ENVY' is coded as 'FMWX' and 'ALAS' is coded as 'BKBR'. What is the code for 'BODY' in the given code language?
- Ans**
-  1. CPEY
 -  2. DNEX
 -  3. DNEY
 -  4. CNEX

Section : **General Awareness**

Q.1 Roshan Kumari, Shovana Narayan, Maya Rao and Kumudini Lakhia are eminent _____ artists.

- Ans**
-  1. Odissi
 -  2. Kathak
 -  3. Manipuri
 -  4. Kuchipudi

Q.2 What is the difference between a debit card and a credit card?

- Ans**
-  1. Debit cards are used for online transactions, while credit cards are used for in-person purchases.
 -  2. Credit cards require a PIN, while debit cards require a signature.
 -  3. Debit cards withdraw money directly from a bank account, while credit cards allow borrowing up to a certain limit.
 -  4. Debit cards have higher interest rates than credit cards.

Q.3 On 15 August 1947, the first prime minister of India, Jawaharlal Nehru, raised the Indian National Flag above the _____ of Red Fort in Delhi.

- Ans**
-  1. Kashmiri Gate
 -  2. Ajmeri Gate
 -  3. Delhi Gate
 -  4. Lahori Gate

Q.4 The East-West corridor, which is a part of the Golden Quadrilateral super highways, links which two cities of India from the following?

- Ans**
-  1. Jaipur and Gangtok
 -  2. Gandhi Nagar and Silchar
 -  3. Silchar and Porbander
 -  4. Ahmadnagar and Imphal

Q.5 Which river is also known as Tsangpo?

- Ans**
-  1. Brahmaputra river
 -  2. Kaveri river
 -  3. Gandak river
 -  4. Ganga river

Q.6 Yakshagana is a folk dance that belongs to the state of _____.

- Ans**
-  1. Rajasthan
 -  2. Kerala
 -  3. Haryana
 -  4. Karnataka

Q.7 Which of the following movements was founded in Bengal?

- Ans**
-  1. Arya Samaj
 -  2. Prarthana Samaj
 -  3. Satyashodhak Samaj
 -  4. Ramakrishna Mission

Q.8	What is the name of the seventh most abundant metal in the earth's crust, which is derived from the medieval Latin word 'Kalium'?
Ans	1. Calcium 2. Potassium 3. Aluminium 4. Magnesium
Q.9	According to Sikh literature, the birth anniversary of Guru Nanak Dev is celebrated on the full moon day of the Indian lunar month _____.
Ans	1. Paush 2. Magh 3. Ashada 4. Kartik
Q.10	The Constitution (Scheduled Tribes) Order (Second Amendment) Bill, 2022 has included Narikoravan and Kurivikkaran communities in the list of Scheduled Tribes of which state?
Ans	1. Bihar 2. Chhattisgarh 3. Odisha 4. Tamil Nadu
Q.11	Which of the following is used to measure the total output of goods and services in an economy including depreciation during a specific period within country?
Ans	1. Gross National Product (GNP) 2. Gross Domestic Product (GDP) 3. Net Domestic Product (NDP) 4. Net National Product (NNP)
Q.12	In 1873, who published the first photograph of nerve tissue stained with the black reaction technique, describing a whole nerve cell?
Ans	1. Gunter Blobel 2. Paul Ehrlich 3. William Harvey 4. Camillo Golgi
Q.13	Which of the following novels of Kamleshwar was awarded the Sahitya Akademi Award in 2003?
Ans	1. Kitne Pakistan 2. Kaali Aandhi 3. Jalti Hui Nadi 4. Ek Sadak Sattavan Galiyan
Q.14	What is the destination of the water drained off by the Nile river?
Ans	1. Indian Ocean 2. Lake Victoria 3. Lake Tanganyika 4. Mediterranean Sea
Q.15	Article 149 of the Constitution deals with _____.
Ans	1. the appointment of the Comptroller and Auditor-General of India 2. the duties and powers of the Comptroller and Auditor-General of India 3. the qualifications required for the appointment of the Comptroller and Auditor-General of India 4. the term of office of the Comptroller and Auditor-General of India
Q.16	'Mandarin' is the official language of which neighbouring country of India?
Ans	1. Afghanistan 2. China 3. Bhutan 4. Sri Lanka

Q.17 What is the aim of Article 44 of the Indian Constitution?

- Ans**
- ☐ 1. To protect and improve the environment and safeguard the forests and wildlife of the country
 - ☒ 2. To secure for the citizen, a uniform civil code through the territory of India
 - ☐ 3. To protect every monument or place of artistic or historic interest
 - ☐ 4. To separate judiciary from the executive in the public services of the State

Q.18 Which of the following is NOT related to the sport of swimming?

- Ans**
- ☒ 1. Penalty Corner
 - ☐ 2. Breaststroke
 - ☐ 3. Freestyle
 - ☐ 4. Back stroke

Q.19 The brick temple of Bhitargaon is situated in which state?

- Ans**
- ☐ 1. Odisha
 - ☒ 2. Uttar Pradesh
 - ☐ 3. Madhya Pradesh
 - ☐ 4. Jharkhand

Q.20 Which of the following institutes was founded by MG Ranade and GV Joshi?

- Ans**
- ☒ 1. Poona Sarvajanic Sabha
 - ☐ 2. Abhinav Bharat
 - ☐ 3. The Bombay Presidency Association
 - ☐ 4. The Indian National Congress

Q.21 FIFA U-17 Women's World Cup 2022 matches were NOT held in which state?

- Ans**
- ☐ 1. Goa
 - ☐ 2. Odisha
 - ☐ 3. Maharashtra
 - ☒ 4. Gujarat

Q.22 Rani Machaiah is a _____ folk dancer who was awarded Padma Shri in 2023.

- Ans**
- ☒ 1. Ummathat
 - ☐ 2. Dhimsa
 - ☐ 3. Lambadi
 - ☐ 4. Gussadi

Q.23 Who among the following is one of the co-authors of the book, 'Cracking The Code:My Journey in Bollywood'?

- Ans**
- ☐ 1. Harshvardhan Kapoor
 - ☐ 2. Rajkumar Rao
 - ☐ 3. Nawazuddin Siddique
 - ☒ 4. Ayushmann Khurrana

Q.24 In October 2022, Virat Kohli became the first Indian to complete how many runs in T20 cricket history?

- Ans**
- ☐ 1. 15000
 - ☐ 2. 5000
 - ☒ 3. 11000
 - ☐ 4. 9000

- Q.25 Which group of musicians were awarded by 'Bharat Ratna' from the following? (As of May 2023.)
- Ans
- ☐ 1. Anu Malik and Udit Narayan
 - ☐ 2. AR Rahman and Hariprasad Chaurasia
 - ☒ 3. Pandit Ravi Shankar and Pandit Bhimsen Joshi
 - ☐ 4. Asha Bhosle and Kishore Kumar

Section : English Language and Comprehension

Q.1 Select the INCORRECTLY spelt word.

- Ans
- ☐ 1. Accommodate
 - ☒ 2. Embarass
 - ☐ 3. Definitely
 - ☐ 4. Separate

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Professor said that I will be late for the lecture.

- Ans
- ☐ 1. he may be late for the lecture
 - ☒ 2. he would be late for the lecture
 - ☐ 3. he shall be late for the lecture
 - ☐ 4. he is late for the lecture

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Harish says / that his sister / loves to play / harmonium.

- Ans
- ☐ 1. that his sister
 - ☐ 2. Harish says
 - ☒ 3. harmonium
 - ☐ 4. loves to play

Q.4 Select the most appropriate meaning of the given idiom.
Sell like hot cakes

- Ans
- ☐ 1. Being ignored
 - ☒ 2. Quick sell out
 - ☐ 3. Selling cakes
 - ☐ 4. Eating hot cake

Q.5 Select the most appropriate option to fill in the blank.
Oberon doesn't like the way Demetrius _____ to Helena. (Credit: A Midsummer Night's Dream)

- Ans
- ☐ 1. talked
 - ☐ 2. talking
 - ☐ 3. to talk
 - ☒ 4. talks

Q.6 Select the most appropriate meaning of the given idiom.
Let sleeping dogs lie

- Ans
- ☐ 1. To fall sick intentionally
 - ☐ 2. To let somebody sleep
 - ☐ 3. To care for the pet
 - ☒ 4. Leave an existing situation as it is

Q.7 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
The athlete's perseverance and mental toughness _____ (facilitate) her to overcome adversity and achieve her goals.

- Ans
- ☐ 1. restricted
 - ☐ 2. limited
 - ☐ 3. hindered
 - ☒ 4. enabled

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Throughout my career as a journalist, / I covered many important stories and / interviewed numerous individuals, which allow me / to share important information and insights with my readers.

- Ans**
- ☐ 1. I covered many important stories and
 - ☐ 2. to share important information and insights with my readers
 - ☐ 3. Throughout my career as a journalist,
 - ☒ 4. interviewed numerous individuals, which allow me

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Andrew will playing basketball at the college tournament.

- Ans**
- ☐ 1. are play
 - ☒ 2. is playing
 - ☐ 3. are play the
 - ☐ 4. is played

Q.10 Parts of the following sentence have been given as options. Select the option that contains an error.

All these things happen/ because she do not / pay heed to my words.

- Ans**
- ☐ 1. No error
 - ☒ 2. because she do not
 - ☐ 3. All these things happen
 - ☐ 4. pay heed to my words

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

Hardik Pandya hit four _____ fours and scored 72 runs in the match.

- Ans**
- ☐ 1. constant
 - ☐ 2. ongoing
 - ☐ 3. continuous
 - ☒ 4. consecutive

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

A cage made for birds.

OR

A place for keeping the birds in a confined space.

- Ans**
- ☐ 1. Arena
 - ☒ 2. Aviary
 - ☐ 3. Aquarium
 - ☐ 4. Apiary

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

The hiring manager has already offered you the job; now, _____ to accept or decline the offer.

- Ans**
- ☐ 1. get your act together
 - ☒ 2. the ball is in your court
 - ☐ 3. a penny for your thoughts
 - ☐ 4. pull your leg

Q.14 The given sentence contains an error. Select the option that correctly rectifies the error.

The boy told his mother that he saw the most tall giraffe at the zoo.

- Ans**
- ☐ 1. The boy told his mother that he saw the most taller giraffe at the zoo.
 - ☒ 2. The boy told his mother that he saw the tallest giraffe at the zoo.
 - ☐ 3. The boy told his mother that he saw the more taller giraffe at the zoo.
 - ☐ 4. The boy told his mother that he saw the most tallest giraffe at the zoo.

Q.15 Select the most appropriate option that can substitute the underlined segment in the following sentence.

Selling, purchasing, and using an illegally copied product is a criminal offence.

- Ans**
- ☐ 1. an obsolete
 - ☒ 2. a pirated
 - ☐ 3. an outlawed
 - ☐ 4. a crooked

Q.16 Select the option that rectifies the spelling of the underlined word in the given sentence.

The sergent brought in a lot of changes as soon as he was given charge.

- Ans**
- ☒ 1. sergeant
 - ☐ 2. seargeant
 - ☐ 3. sergant
 - ☐ 4. sergeannt

Q.17 Select the most appropriate synonym of the given word.
Repulsive

- Ans**
- ☐ 1. Reliable
 - ☐ 2. Uniform
 - ☒ 3. Disgusting
 - ☐ 4. Attractive

Q.18 Select the most appropriate meaning of the given idiom.

Call the shots

- Ans**
- ☒ 1. To be in a position to make decisions that influences a situation
 - ☐ 2. To be in a powerless position that follows orders
 - ☐ 3. To be a follower that makes less important decision
 - ☐ 4. To be in a neutral position

Q.19 Select the sentence that has **NO** spelling errors.

- Ans**
- ☐ 1. The doctor precribed some medicine to aleviate my persistent cough, which has been bothering me for days.
 - ☐ 2. The doctor presribed some medicine to alleviate my parsistent cough, which has been boathering me for days.
 - ☐ 3. The doctor prescribed some medicine to aleviate my parsistent cough, which has been boathering me for days.
 - ☒ 4. The doctor prescribed some medicine to alleviate my persistent cough, which has been bothering me for days.

Q.20 Select the most appropriate **ANTONYM** of the given word.
Feud

- Ans**
- ☒ 1. Harmony
 - ☐ 2. Vigour
 - ☐ 3. Peril
 - ☐ 4. Gross

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 blank.

That evening we sat in the courtyard of the hotel once more, (1) _____ the sun sink below the western isles. I told Alexi what had happened that day. I (2) _____ I could glimpse the grey stone wall of Lismore House (3) _____ its island hilltop, the red light of the setting sun glinting from the windows, and from there the wasted frame of Jonathan Blake gazing out across the sea, on nothing, his boy waiting for him to die. But it was my (4) _____, simply the image on my mind, like the image burned on to your eyes when you have (5) _____ too long at the sun, the passing footprint of a creature long gone.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☐ 1. wallowing
 - ☐ 2. practising
 - ☐ 3. risking
 - ☒ 4. watching

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 blank.

That evening we sat in the courtyard of the hotel once more, (1) _____ the sun sink below the western isles. I told Alexi what had happened that day. I (2) _____ I could glimpse the grey stone wall of Lismore House (3) _____ its island hilltop, the red light of the setting sun glinting from the windows, and from there the wasted frame of Jonathan Blake gazing out across the sea, on nothing, his boy waiting for him to die. But it was my (4) _____, simply the image on my mind, like the image burned on to your eyes when you have (5) _____ too long at the sun, the passing footprint of a creature long gone.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. imbibed
 - ☒ 2. groped
 - ☒ 3. fancied
 - ☒ 4. translated

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 blank.

That evening we sat in the courtyard of the hotel once more, (1) _____ the sun sink below the western isles. I told Alexi what had happened that day. I (2) _____ I could glimpse the grey stone wall of Lismore House (3) _____ its island hilltop, the red light of the setting sun glinting from the windows, and from there the wasted frame of Jonathan Blake gazing out across the sea, on nothing, his boy waiting for him to die. But it was my (4) _____, simply the image on my mind, like the image burned on to your eyes when you have (5) _____ too long at the sun, the passing footprint of a creature long gone.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. for
 - ☒ 2. on
 - ☒ 3. off
 - ☒ 4. aside

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 blank.

That evening we sat in the courtyard of the hotel once more, (1) _____ the sun sink below the western isles. I told Alexi what had happened that day. I (2) _____ I could glimpse the grey stone wall of Lismore House (3) _____ its island hilltop, the red light of the setting sun glinting from the windows, and from there the wasted frame of Jonathan Blake gazing out across the sea, on nothing, his boy waiting for him to die. But it was my (4) _____, simply the image on my mind, like the image burned on to your eyes when you have (5) _____ too long at the sun, the passing footprint of a creature long gone.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. fantasy
 - ☒ 2. dribble
 - ☒ 3. habitat
 - ☒ 4. straw

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 blank.

That evening we sat in the courtyard of the hotel once more, (1) _____ the sun sink below the western isles. I told Alexi what had happened that day. I (2) _____ I could glimpse the grey stone wall of Lismore House (3) _____ its island hilltop, the red light of the setting sun glinting from the windows, and from there the wasted frame of Jonathan Blake gazing out across the sea, on nothing, his boy waiting for him to die. But it was my (4) _____, simply the image on my mind, like the image burned on to your eyes when you have (5) _____ too long at the sun, the passing footprint of a creature long gone.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☒ 1. rusted
 - ☒ 2. blocked
 - ☒ 3. resumed
 - ☒ 4. stared

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	01/09/2023
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 A can do a piece of work in 36 days, while B can do it in 48 days. B worked on it for 12 days and leaves it. How many days will A take to finish the remaining work?

- Ans**
- ☒ 1. 27
 - ☐ 2. 21
 - ☐ 3. 28
 - ☐ 4. 32

Q.2 A policeman chases a thief who is 630 metres ahead of him. If they run at a speed of 9.5 km per hour and 6.5 km per hour, respectively, then what distance (in km, rounded off to 1 decimal place) does the thief run before he is nabbed by the policeman?

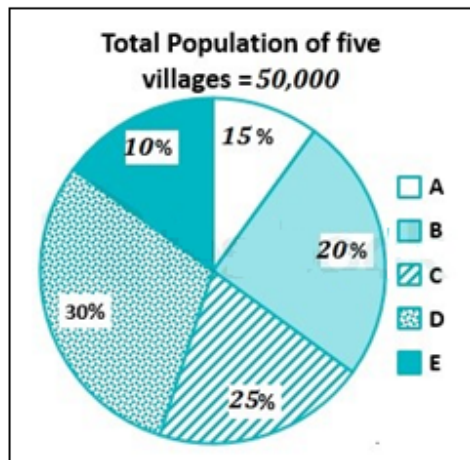
- Ans**
- ☒ 1. 1.4
 - ☐ 2. 2.0
 - ☐ 3. 1.2
 - ☐ 4. 1.8

Q.3 Find the fourth proportional to $(a + b)^2 \times (a^3 - b^3)$, $(a^3 + b^3)$, $(a^2 - b^2)$.

- Ans**
- ☐ 1. $\frac{(a^2 - ab + b^2)}{(a + b)}$
 - ☒ 2. $\frac{(a^2 - ab + b^2)}{(a^2 + ab + b^2)}$
 - ☐ 3. $\frac{(a^2 + ab + b^2)}{(a - b)}$
 - ☐ 4. $\frac{(a^2 + ab + b^2)}{(a^2 - b^2)}$

Q.4 Study the given pie-chart and answer the question that follows.

The pie-chart shows the percentage of the population in five villages in a year.



Find the ratio of population in villages B and D.

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

Q.5 P and Q are inversely proportional to each other and P is 10, when Q is 6. What will be the value of Q when P is 15?

- Ans
- ☒ 1. 5
 - ☒ 2. 10
 - ☒ 3. 4
 - ☒ 4. 9

Q.6 Ram can do a piece of work in 18 hours. Shyam and Naresh can do it in 9 hours. Ram and Naresh can do it in 12 hours. How long will Shyam alone take to do it?

- Ans
- ☒ 1. 15 hours
 - ☒ 2. 12 hours
 - ☒ 3. 9 hours
 - ☒ 4. 11 hours

Q.7 Simplify the following:
 $(16\frac{2}{5} - 12\frac{1}{15}) \div 3\frac{4}{81} = ?$

- Ans
- ☒ 1. $1\frac{9}{13}$
 - ☒ 2. $1\frac{8}{19}$
 - ☒ 3. $2\frac{8}{13}$
 - ☒ 4. $1\frac{9}{19}$

Q.8 The average marks of 13 students in a subject is 66. If the average of the first seven students is 67 and that of the last seven students is 69, then the marks of the seventh student is:

- Ans
- ☒ 1. 94
 - ☐ 2. 97
 - ☐ 3. 91
 - ☐ 4. 99

Q.9 A sum of money becomes ₹6,400 in 3 years and ₹8,100 in 5 years on compound interest compounded annually. Find the rate of interest per annum.

- Ans
- ☐ 1. $12\frac{6}{8}\%$
 - ☐ 2. $12\frac{5}{8}\%$
 - ☐ 3. $12\frac{3}{8}\%$
 - ☒ 4. $12\frac{4}{8}\%$

Q.10 A cuboid with dimension $2 \times 4 \times 1$ units is melted and a new cube is made. What is the total surface area of the cube formed in square units?

- Ans
- ☐ 1. 16
 - ☐ 2. 32
 - ☒ 3. 24
 - ☐ 4. 28

Q.11 The price of a fan is first decreased by 28% and then increased by 35%. If the resulting price is ₹1,215, find the original price of the fan.

- Ans
- ☒ 1. ₹1,250
 - ☐ 2. ₹1,520
 - ☐ 3. ₹2,150
 - ☐ 4. ₹1,052

Q.12 Shobha purchased a small plot in a residential area for ₹6,00,000 and sold it to Lakshita at a profit of 20%. Lakshita, in turn, sold it to Dinesh at a loss of 10%. How much did Dinesh pay for the plot?

- Ans
- ☐ 1. ₹6,40,000
 - ☒ 2. ₹6,48,000
 - ☐ 3. ₹6,08,000
 - ☐ 4. ₹6,00,000

Q.13 Student gets 62, 58, 72, 58 and 83 marks in Sanskrit, English, Mathematics, Social and Computer Science, respectively. His average marks in Mathematics, Social and Computer Science are _____ more than the average marks in Sanskrit, English and Mathematics.

- Ans
- ☒ 1. 7
 - ☐ 2. 9
 - ☐ 3. 6
 - ☐ 4. 8

Q.14 A sum of money deposited at simple interest amounts to ₹1,020 in three years and ₹980 in two years. The sum deposited is:

- Ans
- ☐ 1. ₹840
 - ☐ 2. ₹880
 - ☐ 3. ₹920
 - ☒ 4. ₹900

Q.15 Samridhi sold a gold ring at a loss of 26%. If the cost price of the gold ring is ₹38,500, what is the selling price of the gold ring?

- Ans
- ☒ 1. ₹28,490
 - ☐ 2. ₹30,500
 - ☐ 3. ₹38,600
 - ☐ 4. ₹29,590

Q.16 If $(x - 2)$ is a factor of $(2x^2 + 12kx - 25k)$, then what is the value of k ?

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

Q.17 There is a 25 litre mixture of milk and water, containing milk and water in the ratio 3 : 2. Find the number of litres of water that should be added to the mixture so that the resultant mixture has 50% water in it.

- Ans
- ☐ 1. 8
 - ☐ 2. 12
 - ☐ 3. 10
 - ☒ 4. 5

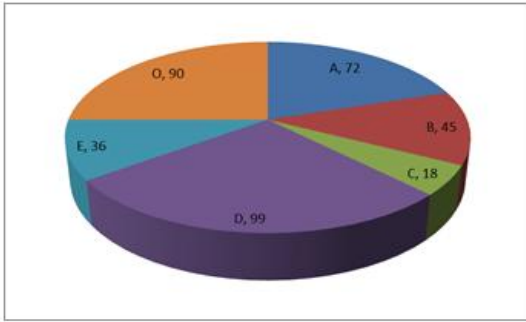
Q.18 A 360 m long train running at the speed of 108 km/h crosses another train running in the opposite direction at the speed of 90 km/h in 12 seconds. What is the length (in m) of the other train?

- Ans
- ☐ 1. 330
 - ☒ 2. 300
 - ☐ 3. 345
 - ☐ 4. 270

Q.19 The area of a trapezium shaped field is 1720 m^2 , the distance between its parallel sides is 40 m and the length of one of the parallel sides is 48 m. What is the length (in m) of the other parallel side?

- Ans
- ☒ 1. 38
 - ☐ 2. 34
 - ☐ 3. 42
 - ☐ 4. 56

- Q.20** The pie diagram represents the export of different types of fabrics (in degree measure) from India during 2015.
- If the income from one ton of fabric A is three times that from the fabric C, then the ratio between the income from A to C is:



- Ans**
- ✓ 1. 12 : 1
 - ✗ 2. 6 : 1
 - ✗ 3. 1 : 3
 - ✗ 4. 3 : 1

Section : Reasoning Ability and Problem Solving

- Q.1** What will come in place of '?' in the following equation, if '+' and '×' are interchanged and '-' and '÷' are interchanged?

$$14 + 5 \div 2 - 1 \times 3 = ?$$

- Ans**
- ✓ 1. 71
 - ✗ 2. 17
 - ✗ 3. 16
 - ✗ 4. 23

- Q.2** In a certain code language, 'ESCORT' is coded as 'GRBNQV' and 'APRON' is coded as 'COQNP'. What is the code for 'CRANKY' in the given code language?

- Ans**
- ✓ 1. EQZMJA
 - ✗ 2. FPZNKC
 - ✗ 3. DQYNKB
 - ✗ 4. DPANJB

- Q.3** In a certain code language, 'BATH' is coded as '1482' and 'HALT' is coded as '8126'. What is the code for 'L' in the given code language?

- Ans**
- ✓ 1. 6
 - ✗ 2. 8
 - ✗ 3. 1
 - ✗ 4. 2

- Q.4** What should come in place of '?' in the given series?

5 11 29 ? 245 731 2189

- Ans**
- ✗ 1. 85
 - ✓ 2. 83
 - ✗ 3. 79
 - ✗ 4. 97

Q.5 If 2nd Oct 2003 is Thursday, then what will be the day of the week on 15th July 2010?

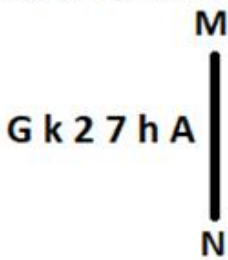
- Ans
- ☐ 1. Tuesday
 - ☐ 2. Friday
 - ☐ 3. Monday
 - ☒ 4. Thursday

Q.6 What should come in place of '?' in the given series?

25 39 67 123 235 ?

- Ans
- ☐ 1. 291
 - ☐ 2. 434
 - ☒ 3. 459
 - ☐ 4. 378

Q.7 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☐ 1. **A h 7 2 k G**
 - ☒ 2. **A h 7 2 k G**
 - ☐ 3. **A h 2 7 k G**
 - ☐ 4. **A h 2 7 k G**

Q.8 284 is related to 142 following a certain logic. Following the same logic, 612 is related to 306. To which of the following is 522 related to, following the same logic?

- Ans
- ☐ 1. 262
 - ☐ 2. 264
 - ☐ 3. 263
 - ☒ 4. 261

Q.9 If G means '-', C means '×', D means '+', B means '+', then what will come in place of the question mark (?) in the following equation?

49 G 69 D 3 B 12 C 5 = ?

- Ans
- ☐ 1. 64
 - ☐ 2. 13
 - ☒ 3. 86
 - ☐ 4. 37

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)
5, 24
12, 143

- Ans**
- ☐ 1. 27, 345
 - ☐ 2. 21, 126
 - ☒ 3. 14, 195
 - ☐ 4. 18, 652

Q.11 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.
HI _ H _ _ HI _ _ IH

- Ans**
- ☐ 1. IIIHI
 - ☐ 2. IHIIH
 - ☐ 3. HIIHI
 - ☒ 4. HIIHH

Q.12 What should come in place of '?' in the given series?

7 22 52 112 232 ?

- Ans**
- ☐ 1. 482
 - ☐ 2. 484
 - ☒ 3. 472
 - ☐ 4. 462

Q.13 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 TVs are radios. Some radios are dryers. All dryers are hot.

Conclusion I: Some TVs are radios.

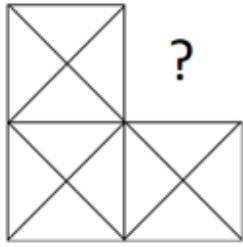
Conclusion II: Some dryers are TVs.

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

Q.14 FKQN is related to LQWT in a certain way based on the English alphabetical order. In the same way, CHOJ is related to INUP. To which of the following is DOSG related to, following the same logic?

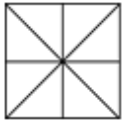
- Ans**
- ☐ 1. HQWK
 - ☒ 2. JUYM
 - ☐ 3. JSWM
 - ☐ 4. IUVL

Q.15 Identify the figure that completes the pattern (rotation is NOT allowed).



Ans

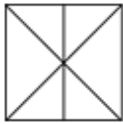
✗ 1.



✓ 2.



✗ 3.



✗ 4.



Q.16 What should come in place of ? in the given series based on the English alphabetical order?

SIY, VHA, YGC, BFE, ?

Ans

✓ 1. EEG

✗ 2. FEH

✗ 3. DEG

✗ 4. DFH

Q.17 What should come in place of ? in the given series based on the English alphabetical order?

QDS, NET, KFU, HGV, ?

Ans

✗ 1. FHU

✗ 2. FGV

✗ 3. GHU

✓ 4. EHW

Q.18 Which figure should replace the question mark (?) if the following figure series were to be continued?

↑			W			S			T			?
W	O	R	S	T	↑	T	W	8	R	7	S	
S		8	8		R	R		↑	↑		8	

Ans

✗ 1.

7		
T	R	8
S		↑

✓ 2.

R		
7	T	↑
8		S

✗ 3.

7		
T	R	↑
8		S

✗ 4.

R		
7	T	8
S		↑

Q.19 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: Some cows are animals. All animals are big. No big is a mobile.

Conclusion I: All cows are animals.

Conclusion II: No big is an animal.

Ans

✗ 1. Only conclusion (I) is follow.

✗ 2. Both conclusions (I) and (II) are follow.

✗ 3. Only conclusion (II) is follow.

✓ 4. Neither conclusion (I) nor (II) is follow.

Q.20 F, G, H, I, J, K, L and M are sitting around a square table facing the centre. Some of them are sitting at the corners of the table while some are sitting at the exact centre of the sides. G, I, H, and J are not sitting in any of the corners. G is sitting to the immediate left of K and immediate right of L. I is sitting to the immediate right of K. F is sitting to the immediate right of I and immediate left of H. J is sitting to the immediate right of M and immediate left of L. Who is sitting to the immediate left of M?

- Ans**
- ☐ 1. G
 - ☒ 2. H
 - ☐ 3. I
 - ☐ 4. J

Section : **General Awareness**

Q.1 Which country is hosting the ICC 2023 ODI Cricket World Cup?

- Ans**
- ☐ 1. South Africa
 - ☒ 2. India
 - ☐ 3. Australia
 - ☐ 4. Pakistan

Q.2 Which of the following is an example of capital receipt in the government budget?

- Ans**
- ☒ 1. Sale of government bonds
 - ☐ 2. Grants received from foreign countries
 - ☐ 3. Income from government-owned enterprises
 - ☐ 4. Tax revenue collected from citizens

Q.3 In which year did Robert Hooke introduce the term 'cell'?

- Ans**
- ☐ 1. 1675
 - ☒ 2. 1665
 - ☐ 3. 1875
 - ☐ 4. 1765

Q.4 Which of the following statements is correct about Article 129 of the Constitution of India?

- Ans**
- ☐ 1. It provides for the Supreme Court to be the highest court of appeal.
 - ☐ 2. It provides for the Supreme Court to be a court of original jurisdiction
 - ☒ 3. It provides for the Supreme Court to be a court of record.
 - ☐ 4. It provides for the Supreme Court to give advisory opinion to the President.

Q.5 Which is the Gaussian unit of kinematic viscosity?

- Ans**
- ☒ 1. Stokes
 - ☐ 2. Ampere
 - ☐ 3. Darcy
 - ☐ 4. Joule

Q.6 The dancers Padma Subrahmanyam, Alarmel Valli, Yamini Krishnamurthy and Anita Ratnam are great exponents of _____.

- Ans**
- ☐ 1. Mohiniyattam
 - ☐ 2. Odissi
 - ☒ 3. Bharatanatyam
 - ☐ 4. Kathak

Q.7 Who among the following freedom fighter lawyers from Bengal is known as Deshbandhu?

- Ans**
- ☐ 1. Bipin Chandra Pal
 - ☐ 2. Durga Mohan Das
 - ☒ 3. Chittaranjan Das
 - ☐ 4. Satish Ranjan Das

Q.8 According to the Census of India 2011, which of the following states has the lowest literacy rate?

- Ans**
- ☐ 1. Goa
 - ☒ 2. Tripura
 - ☐ 3. Kerala
 - ☐ 4. Mizoram

Q.9 Which of the following best defines transfer payments?

- Ans**
- ☐ 1. Payments made by individuals to the government in the form of taxes
 - ☐ 2. Payments made by businesses to their shareholders as a share of profits
 - ☐ 3. Payments made to individuals in exchange for their labour or services
 - ☒ 4. Payments made by the government to individuals without any corresponding production of goods or services

Q.10 In which of the following states is there hardly any differences in day and night temperatures?

- Ans**
- ☒ 1. Kerala
 - ☐ 2. Rajasthan
 - ☐ 3. Punjab
 - ☐ 4. Bihar

Q.11 Which of the following is connected with daily atmospheric weather changes?

- Ans**
- ☒ 1. Troposphere
 - ☐ 2. Asthenosphere
 - ☐ 3. Lithosphere
 - ☐ 4. Stratopause

Q.12 In which stadium was the final match of ODI Cricket World Cup 2011 played?

- Ans**
- ☐ 1. Eden Gardens
 - ☒ 2. Wankhede Stadium
 - ☐ 3. D Y Patil Stadium
 - ☐ 4. Feroz Shah Kotla Stadium

Q.13 The Nuakhai festival of _____ is observed on Panchami Tithi (fifth day) of the lunar fortnight of Bhadrava (August-September), the day after Ganesh Chaturthi.

- Ans**
- ☐ 1. West Bengal
 - ☐ 2. Assam
 - ☒ 3. Odisha
 - ☐ 4. Meghalaya

Q.14 In which state is the famous Brihadeshwar temple situated?

- Ans**
- ☐ 1. Andhra Pradesh
 - ☒ 2. Tamil Nadu
 - ☐ 3. Kerala
 - ☐ 4. Karnataka

Q.15 Which of the following states won the Santosh Trophy in Riyadh in March 2023 after a gap of 54 years?

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

Q.16 Which of the abhinayas deals with the use of costumes, jewellery, facial make-up etc?

- Ans**
- ☒ 1. Aharya Abhinaya
 - ☐ 2. Vachika Abhinaya
 - ☐ 3. Angika Abhinaya
 - ☐ 4. Sattvika Abhinaya

Q.17 Who among the following is the author of the book 'Red Earth and Pouring Rain: A Novel'?

- Ans**
- ☐ 1. Ashwin Sanghi
 - ☒ 2. Vikram Chandra
 - ☐ 3. Ruskin Bond
 - ☐ 4. Shashi Tharoor

Q.18 Articles 29-30 of the Constitution of India deals with _____

- Ans**
- ☐ 1. Right to freedom of religion
 - ☒ 2. Cultural and educational rights
 - ☐ 3. Right to freedom
 - ☐ 4. Right to equality

Q.19 Pandit Bhajan Sopori, who died in the year 2022, was a famous player of which musical instrument?

- Ans**
- ☒ 1. Santoor
 - ☐ 2. Ravan Hatta
 - ☐ 3. Tabla
 - ☐ 4. Sitar

Q.20 As per the 18th Periodic Labour Force Survey (PLFS), the unemployment rate among females (aged 15 years and above) in urban areas declined to _____ in January-March 2023.

- Ans**
- ☐ 1. 9.7%
 - ☒ 2. 9.2%
 - ☐ 3. 7.8%
 - ☐ 4. 8.2%

Q.21 In April 2023, Tamil Nadu passed a bill banning which of the following?

- Ans**
- ☐ 1. Lottery
 - ☐ 2. Gutka
 - ☐ 3. Liquor
 - ☒ 4. Online Gambling

Q.22 Which of the following is an autobiography of Sachin Tendulkar?

- Ans**
- ☒ 1. Playing It My Way
 - ☐ 2. Unbreakable
 - ☐ 3. I Am No Messiah
 - ☐ 4. My Many Trysts with God

Q.23 Indian classical vocalist Pandit Jasraj belonged to which of the following musical gharanas?

- Ans**
- ☐ 1. Dagari Gharana
 - ☐ 2. Patiala Gharana
 - ☐ 3. Gwalior Gharana
 - ☒ 4. Mewati Gharana

Q.24 For which dance form did Vasundhara Doraswamy get Sangeet Natak Akademi Award (Akademi Puraskar) for the year 2019?

Ans  1. **Bharatanatyam**

 2. **Kathak**

 3. **Mohiniyattam**

 4. **Kathakali**

Q.25 'Mitra Mela' was a revolutionary organisation founded by:

Ans  1. Vinayak Savarkar

 2. Sisir Kumar Bose

 3. Khudiram Bose

 4. Bhupendra Nath Bose

Section : **English Language and Comprehension**

Q.1 Select the option that can be used as a one-word substitute for the underlined group of words.
He studies the subject known as the scientific study of insects.

Ans  1. Alchemy

 2. Biology

 3. Entomology

 4. Etymology

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
In America, / most of the people / can speak / the English well.

Ans  1. the English well

 2. In America,

 3. most of the people

 4. can speak

Q.3 Select the most appropriate ANTONYM of the underlined word.
Butterfly was attracted towards the bright flowers.

Ans  1. Recurred

 2. Reckoned

 3. Repulsed

 4. Reargued

Q.4 Select the most appropriate option to fill in the blank.
Early childhood experiences have a _____ impact on brain development affecting learning, health, behaviour, and, ultimately, productivity and income.

Ans  1. basic

 2. perfect

 3. profound

 4. superficial

Q.5 Select the INCORRECTLY spelt word.

Ans  1. Relevant

 2. Succesful

 3. Queue

 4. Rhyme

Q.6 Parts of the following sentence have been given as options. Select the option that contains an error.
Perhaps my family visit the Taj Mahal next month.

Ans  1. my family visit

 2. Perhaps

 3. the Taj Mahal

 4. next month

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Please / explain me / how this plan / did not work.

- Ans**
- ☒ 1. Please
 - ☒ 2. explain me
 - ☒ 3. how this plan
 - ☒ 4. did not work

Q.8 The following sentence has been split into four segments. Identify the segment that contains an error.
Harish told me / in the morning / that Gaurav will / come tomorrow.

- Ans**
- ☒ 1. in the morning
 - ☒ 2. that Gaurav will
 - ☒ 3. come tomorrow
 - ☒ 4. Harish told me

Q.9 Select the most appropriate synonym of the given word.
Fragile

- Ans**
- ☒ 1. Intense
 - ☒ 2. Sturdy
 - ☒ 3. Unkempt
 - ☒ 4. Brittle

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
She performed / the dance routine / perfect, / impressing everyone.

- Ans**
- ☒ 1. impressing everyone
 - ☒ 2. She performed
 - ☒ 3. perfect
 - ☒ 4. the dance routine

Q.11 Select the most appropriate option to fill in the blank.
Ours is _____ house of all the houses in our area.

- Ans**
- ☒ 1. the biggest
 - ☒ 2. the more bigger
 - ☒ 3. the most biggest
 - ☒ 4. the bigger

Q.12 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Tastimonial
 - ☒ 2. Beneficiary
 - ☒ 3. Rampant
 - ☒ 4. Ballad

Q.13 Select the most appropriate meaning of the underlined idiom.

The company was on thin ice.

- Ans**
- ☒ 1. Forcing itself to collaborate
 - ☒ 2. In a situation of comfort
 - ☒ 3. Depending on business competitors
 - ☒ 4. In a precarious or risky situation

Q.14 Select the most appropriate ANTONYM of the underlined word.
He was admired for introducing welfare programmes.

- Ans**
- ☒ 1. Confessed
 - ☒ 2. Appreciated
 - ☒ 3. Despised
 - ☒ 4. Succeeded

Q.15 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

With all their little comforts destroyed, the survivors were thrown still farther back into barbarism.

- Ans**
- ☒ 1. still further back into barbarism
 - ☐ 2. No improvement required
 - ☐ 3. still further back for barbarism
 - ☐ 4. still a little farther into barbarism

Q.16 Select the most appropriate meaning of the given idiom.
Cup of tea

- Ans**
- ☐ 1. Long held desire
 - ☐ 2. A cup brimming with tea
 - ☐ 3. Favourite pastime
 - ☒ 4. Something one likes/excels in

Q.17 Select the most appropriate meaning of the underlined segment in the given sentence.
When it comes to playing the guitar, Jim always hits the nail on the head.

- Ans**
- ☐ 1. Is dishonest
 - ☐ 2. Misses the point
 - ☒ 3. Does something right
 - ☐ 4. Makes a mistake

Q.18 Select the most appropriate segment that can substitute the underlined word in the following sentence.
Iraq was governed by autocracy when Saddam Hussain was the President.

- Ans**
- ☐ 1. the common people
 - ☒ 2. one man with absolute power
 - ☐ 3. the wealthy class
 - ☐ 4. the King and his heir

Q.19 Select the most appropriate meaning of the underlined idiom.

The council president is known to play devil's advocate often.

- Ans**
- ☐ 1. Make one's own destiny
 - ☐ 2. To allow others to rise
 - ☒ 3. To argue, just for the sake of it
 - ☐ 4. To play risky games

Q.20 Identify the INCORRECTLY spelt word in the following sentence.
The detective and his agent inspected the krime scene yesterday.

- Ans**
- ☐ 1. detective
 - ☒ 2. krime
 - ☐ 3. yesterday
 - ☐ 4. agent

Comprehension:

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

Fingerprinting is the one of the methods of (1)_____ using the impression made by the minute ridge formation or patterns found on the fingertips. No two persons have exactly the same (2)_____ of ridge patterns, they remain unchanged throughout the life. Fingerprints may be classified and filled on the basis of the ridge patterns, setting up an identification system that is almost (3)_____. Today, law enforcement agencies use computers to (4)_____ record fingerprints and to transmit them electronically to other agencies for comparison. By comparing fingerprints of the criminals with the recorded fingerprints, officials can establish (5)_____ proof of the presence or identity of a person.

SubQuestion No : 21

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

- Ans**
- ☐ 1. involvement
 - ☒ 2. identification
 - ☐ 3. demonstration
 - ☐ 4. satisfaction

Comprehension:

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

Fingerprinting is the one of the methods of (1)_____ using the impression made by the minute ridge formation or patterns found on the fingertips. No two persons have exactly the same (2)_____ of ridge patterns, they remain unchanged throughout the life. Fingerprints may be classified and filled on the basis of the ridge patterns, setting up an identification system that is almost (3)_____. Today, law enforcement agencies use computers to (4)_____ record fingerprints and to transmit them electronically to other agencies for comparison. By comparing fingerprints of the criminals with the recorded fingerprints, officials can establish (5)_____ proof of the presence or identity of a person.

SubQuestion No : 22

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

- Ans**
- ☒ 1. management
 - ☒ 2. statement
 - ☒ 3. arrangement
 - ☒ 4. settlement

Comprehension:

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

Fingerprinting is the one of the methods of (1)_____ using the impression made by the minute ridge formation or patterns found on the fingertips. No two persons have exactly the same (2)_____ of ridge patterns, they remain unchanged throughout the life. Fingerprints may be classified and filled on the basis of the ridge patterns, setting up an identification system that is almost (3)_____. Today, law enforcement agencies use computers to (4)_____ record fingerprints and to transmit them electronically to other agencies for comparison. By comparing fingerprints of the criminals with the recorded fingerprints, officials can establish (5)_____ proof of the presence or identity of a person.

SubQuestion No : 23

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

- Ans**
- ☒ 1. risky
 - ☒ 2. unreliable
 - ☒ 3. fallible
 - ☒ 4. infallible

Comprehension:

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

Fingerprinting is the one of the methods of (1)_____ using the impression made by the minute ridge formation or patterns found on the fingertips. No two persons have exactly the same (2)_____ of ridge patterns, they remain unchanged throughout the life. Fingerprints may be classified and filled on the basis of the ridge patterns, setting up an identification system that is almost (3)_____. Today, law enforcement agencies use computers to (4)_____ record fingerprints and to transmit them electronically to other agencies for comparison. By comparing fingerprints of the criminals with the recorded fingerprints, officials can establish (5)_____ proof of the presence or identity of a person.

SubQuestion No : 24

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

- Ans**
- ☒ 1. manually
 - ☒ 2. mentally
 - ☒ 3. physically
 - ☒ 4. digitally

Comprehension:

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

Fingerprinting is the one of the methods of (1)_____ using the impression made by the minute ridge formation or patterns found on the fingertips. No two persons have exactly the same (2)_____ of ridge patterns, they remain unchanged throughout the life. Fingerprints may be classified and filled on the basis of the ridge patterns, setting up an identification system that is almost (3)_____. Today, law enforcement agencies use computers to (4)_____ record fingerprints and to transmit them electronically to other agencies for comparison. By comparing fingerprints of the criminals with the recorded fingerprints, officials can establish (5)_____ proof of the presence or identity of a person.

SubQuestion No : 25

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

- Ans**
- ☒ 1. absolute
 - ☒ 2. doubt
 - ☒ 3. provisional
 - ☒ 4. unconfirmed

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	01/09/2023
Exam Time	4:00 PM - 6:00 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 From a container having pure milk, 35% is replaced by water and the process is repeated thrice. At the end of the third operation, the purity of the milk is:

- Ans
- ☐ 1. $23\frac{37}{80}\%$
 - ☒ 2. $27\frac{37}{80}\%$
 - ☐ 3. $37\frac{21}{80}\%$
 - ☐ 4. $21\frac{23}{80}\%$

Q.2 The percentage profit earned by selling an article for ₹1,980 is equal to the percentage loss incurred by selling the same article for ₹1,620. At what price should the article be sold to make a 15% profit?

- Ans
- ☐ 1. ₹2,277
 - ☐ 2. ₹1,863
 - ☐ 3. ₹1,800
 - ☒ 4. ₹2,070

Q.3 If ₹3,650 amounts to ₹4,526 in 3 years at simple interest, what is the rate of interest per annum?

- Ans
- ☐ 1. 12%
 - ☐ 2. 6%
 - ☒ 3. 8%
 - ☐ 4. 10%

Q.4 Find the greatest two digit number which on dividing 219, 365, 511 leaves the remainders 3, 5, 7, respectively.

- Ans
- ☐ 1. 63
 - ☐ 2. 82
 - ☒ 3. 72
 - ☐ 4. 53

- Q.5** The following table shows the number of students enrolled in a university for higher education in Liberal Arts and in Engineering from 2015 to 2018. Study the table carefully and answer the question that follows.

Year	No. of students	
	Liberal Arts	Engineering
2015	345	650
2016	549	521
2017	477	846
2018	781	695

The average number of students enrolled per year in Liberal Arts is how much more or less than that in Engineering from 2015 to 2018?

- Ans**
- ☒ 1. More, 140
 - ☒ 2. Less, 140
 - ☒ 3. More, 127
 - ☒ 4. Less, 127

- Q.6** The surface area of a sphere is 5544 cm^2 . If the radius of the sphere is doubled, then find the surface area of the new sphere (in cm^2).

- Ans**
- ☒ 1. 22,176
 - ☒ 2. 22,761
 - ☒ 3. 20,761
 - ☒ 4. 20,176

- Q.7** A and B can do a piece of work in 9 and 18 days, respectively. They started working together. After some days A left the work and B finished the remaining work in 15 days. After how many days did A leave?

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

- Q.8** A man travels from point A to point B at a speed of 40 km/h and returns to point A at a speed of 60 km/h. If the total time taken for the journey is 5 hours, what is the distance between point A and point B?

- Ans**
- ☒ 1. 120 km
 - ☒ 2. 130 km
 - ☒ 3. 135 km
 - ☒ 4. 125 km

Q.9 The income of X is 12% more than that of Y. By how much per cent is Y's income less than that of X?

- Ans
- ☐ 1. $10\frac{3}{7}\%$
 - ☐ 2. $10\frac{2}{7}\%$
 - ☐ 3. $10\frac{4}{7}\%$
 - ☒ 4. $10\frac{5}{7}\%$

Q.10 A sailor rows a boat 36 km downstream and 24 km upstream in 6 hours. When it rows 24 km downstream and 36 km upstream the sailor takes 6 and half hours. Then the speed of the current is:

- Ans
- ☐ 1. 4 km/h
 - ☐ 2. 3 km/h
 - ☒ 3. 2 km/h
 - ☐ 4. 1.5 km/h

Q.11 12 days are taken by one man and one woman together to complete the work. A man alone can complete the work in 15 days. In how many days can one woman alone complete the work?

- Ans
- ☐ 1. 12 days
 - ☐ 2. 30 days
 - ☐ 3. 45 days
 - ☒ 4. 60 days

Q.12 Swati starts a business with ₹4,200, and after 5 months, Bani joins Swati as her partner. After a year, the profit is divided among Swati and Bani in the ratio 2 : 5. What is Bani's contribution?

- Ans
- ☐ 1. ₹16,500
 - ☐ 2. ₹19,000
 - ☐ 3. ₹17,050
 - ☒ 4. ₹18,000

Q.13 Simplify:

$$24 \div 6 \times \left(\frac{3}{4} \text{ of } \frac{1}{3} + \frac{5}{3} \text{ of } \frac{3}{4} \right) = ?$$

- Ans
- ☒ 1. 6
 - ☐ 2. 8
 - ☐ 3. 3
 - ☐ 4. 9

Q.14 How many kilograms of sugar at ₹3.80 per kg must be mixed with 60 kg of sugar at ₹4.60 per kg, so that by selling the mixture at ₹5.20 per kg there may be a gain of 30%?

- Ans
- ☐ 1. 160 kg
 - ☐ 2. 170 kg
 - ☐ 3. 120 kg
 - ☒ 4. 180 kg

Q.15 If $A : B = 3 : 4$ and $A : C = 9 : 8$, then $A : B : C$ is:

- Ans
- ☐ 1. $3 : 4 : 6$
 - ☒ 2. $9 : 12 : 8$
 - ☐ 3. $9 : 8 : 12$
 - ☐ 4. $9 : 8 : 8$

Q.16 In what ratio must a grocer mix two varieties of pulses costing ₹18 per kg and ₹22 per kg, respectively, so as to get a mixture worth ₹19.50 per kg?

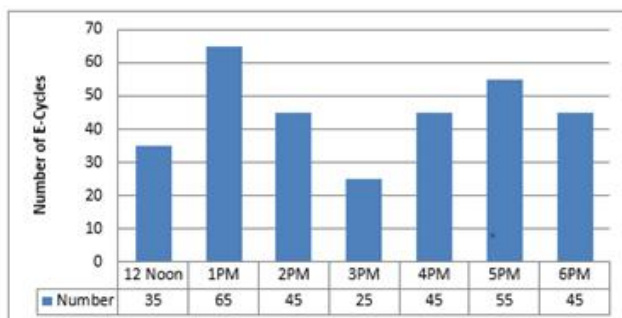
- Ans
- ☐ 1. $5 : 2$
 - ☐ 2. $1 : 5$
 - ☒ 3. $5 : 3$
 - ☐ 4. $5 : 1$

Q.17 From a cuboid of dimension of $8 \times 6 \times 6$ units, small cubes of dimension $0.5 \times 0.5 \times 0.5$ unit are cut. How many small cubes can be cut from the big cuboid?

- Ans
- ☒ 1. 2304
 - ☐ 2. 576
 - ☐ 3. 1152
 - ☐ 4. 1552

Q.18 The bar diagram represents the number of E-Cycles parking in a metro station from 12:00 P.M. to 6:00 P.M.

What will be the total collection from 2:00 P.M. to 6:00 P.M. when the parking charge is ₹3 per hour?



- Ans
- ☐ 1. ₹695
 - ☒ 2. ₹645
 - ☐ 3. ₹655
 - ☐ 4. ₹625

Q.19 The difference in interests earned on ₹1,50,000 at an 8% rate of interest per annum in a year when the interest is compounded semi-annually and annually, respectively, is ₹_____.

- Ans
- ☒ 1. 240
 - ☐ 2. 420
 - ☐ 3. 360
 - ☐ 4. 120

- Q.20** The cost price of an article is ₹1,120. After allowing a discount of ₹205 a gain of 15% was made, then the marked price of the article is:
- Ans**
-  1. ₹1,760
 -  2. ₹1,350
 -  3. ₹1,493
 -  4. ₹1,580

Section : **Reasoning Ability and Problem Solving**

- Q.1** In a certain code language, 'DEAN' is coded as '2458' and 'LEND' is coded as '8352'. What is the code for 'L' in the given code language?
- Ans**
-  1. 2
 -  2. 8
 -  3. 5
 -  4. 3

Q.2

Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



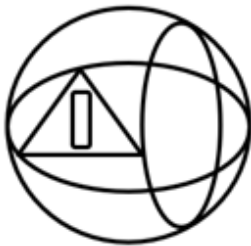
(X)

Ans

✗ 1.



✗ 2.



✗ 3.



✓ 4.



Q.3

What should come in place of '?' in the given series?

7 41 177 721 2897 ?

Ans

✗ 1. 12589

✓ 2. 11601

✗ 3. 11283

✗ 4. 10631

Q.4 If 6 July 2011 is a Wednesday, then what will be the day of the week on 16 February 2010?

- Ans
- ☒ 1. Tuesday
 - ☐ 2. Saturday
 - ☐ 3. Thursday
 - ☐ 4. Monday

Q.5 HM 12 is related to FK 17 in a certain way. In the same way, EK 18 is related to CI 23. To which of the following is GU 14 related to following the same logic?

- Ans
- ☒ 1. ES 19
 - ☐ 2. FS 19
 - ☐ 3. ER 18
 - ☐ 4. IW 20

Q.6 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: Some photos are vases. All vases are tall. Some tall are buildings.

Conclusion I: Some photos are buildings.

Conclusion II: All tall are vases.

- 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.7 Seven people, S, T, U, V, W, X and Y are sitting in a straight line, facing north. Only two people sit to the right of W. Only three people sit between S and W. U is the immediate neighbour of T and X. X is not the immediate neighbour of W. V sits third to the right of T.

Who is sitting between W and V?

- Ans
- ☐ 1. X
 - ☐ 2. U
 - ☒ 3. Y
 - ☐ 4. T

Q.8 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$121 \times 11 \div 7 - 15 + 23 = ?$$

- Ans
- ☐ 1. 49
 - ☐ 2. 79
 - ☐ 3. 59
 - ☒ 4. 69

Q.9 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 bed are covers. Some covers are thick. Some thick is juice.

Conclusion I: All covers are beds.

Conclusion II: Some thick are covers.

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

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

$$2 \times 4 - 1 \div 6 + 8 = ?$$

- Ans**
- ☐ 1. -13
 - ☐ 2. -18
 - ☐ 3. -24
 - ☒ 4. -42

Q.11 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

DJS, HNT, LRU, PVV, ?

- Ans**
- ☐ 1. SRV
 - ☐ 2. USV
 - ☐ 3. UTV
 - ☒ 4. TZW

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 /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)

16 : 95

6 : 35

- Ans**
- ☐ 1. 2 : 13
 - ☒ 2. 13 : 77
 - ☐ 3. 17 : 23
 - ☐ 4. 8 : 48

Q.13 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, 35, 7)

(9, 27, 3)

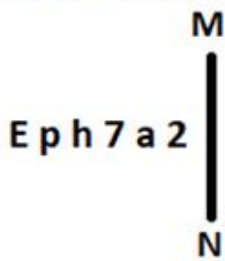
Ans ✓ 1. 6, 42, 7

✗ 2. 16, 50, 7

✗ 3. 6, 17, 9

✗ 4. 4, 10, 5

Q.14 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans ✓ 1. **E p h 7 a 2**

✗ 2. **z e 7 a 2**

✗ 3. **a 2 7 h q E**

✗ 4. **E p h 7 a 2**

Q.15 Which figure should replace the question mark (?) if the following figure series were to be continued?

Z	O	K	B	U	Z	△	K	
B	U	L	K	O	L	△	Z	K
↑		△	U	↑	O	9	B	O
								?

Ans

✗ 1.

B		△
U	Z	L
O		K

✗ 2.

B		A
△	O	L
Z		U

✓ 3.

B		U
△	K	L
Z		A

✗ 4.

B		O
△	9	L
Z		U

Q.16 What should come in place of '?' in the given series?

10 19 ? 199 775 3079 12295

- Ans
- ✗ 1. 63
- ✗ 2. 61
- ✓ 3. 55
- ✗ 4. 50

Q.17 In a certain code language, 'LED' is coded as '15-22-23' and 'BMW' is coded as '25-14- 4'. What is the code for 'QUF' in the given code language?

- Ans
- ✗ 1. 11-5-20
- ✗ 2. 9-4-21
- ✓ 3. 10-6-21
- ✗ 4. 9-5-20

Q.18 What should come in place of ? in the given series?

11 14 20 29 41 ?

- Ans
- ☐ 1. 54
 - ☒ 2. 56
 - ☐ 3. 64
 - ☐ 4. 61

Q.19 What should come in place of ? in the given series based on the English alphabetical order?

JPX, GNU, DLR, AJO, ?

- Ans
- ☐ 1. YIL
 - ☐ 2. ZGL
 - ☐ 3. YGM
 - ☒ 4. XHL

Q.20 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

J _ JJ _ _ JM _ _ MJ

- Ans
- ☒ 1. MMJJJ
 - ☐ 2. MJJMM
 - ☐ 3. JJMMJ
 - ☐ 4. JMMJM

Section : **General Awareness**

Q.1 Which of the dance was immediately preceded by a practice session called sevakali and undertaken in the precincts of a temple?

- Ans
- ☒ 1. Kathakali
 - ☐ 2. Kathak
 - ☐ 3. Kuchipudi
 - ☐ 4. Odissi

Q.2 The holy mountain 'Kailash' is located in which neighbouring country of India?

- Ans
- ☐ 1. Bangladesh
 - ☒ 2. China
 - ☐ 3. Afghanistan
 - ☐ 4. Pakistan

Q.3 The Wild Life (Protection) Amendment Act, 2022 seeks to implement the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES). Which of the following statements is correct about CITES?

- 1. CITES is an agreement between governments to ensure that international trade in the specimens of wild animals and plants does not threaten the survival of the species.
- 2. Under CITES, plant and animal specimens are classified into five categories based on the threat to their extinction.
- 3. The Convention requires countries to regulate the trade of all listed specimens through permits.
- 4. It also seeks to regulate the possession of live animal specimens.

- Ans
- ☐ 1. 1, 2 and 4
 - ☐ 2. 1, 2 and 3
 - ☐ 3. 2, 3 and 4
 - ☒ 4. 1, 3 and 4

Q.4 If 7 N force is applied on a brick and it moves through 5 m, then what will be the work done?

- Ans**
- ☐ 1. 35 Erg
 - ☐ 2. 25 J
 - ☐ 3. 40 J
 - ☒ 4. 35 J

Q.5 Who was the founder of Naujawan Bharat Sabha?

- Ans**
- ☐ 1. Lala Lajpat Rai
 - ☐ 2. Chandra Shekhar Azad
 - ☐ 3. Ajeet Singh
 - ☒ 4. Bhagat Singh

Q.6 Shubman Gill was in the news for creating a record in his sport. What sport does he play?

- Ans**
- ☐ 1. Hockey
 - ☐ 2. Chess
 - ☐ 3. Badminton
 - ☒ 4. Cricket

Q.7 Who among the following was the director of Kathak Kendra and also opened his own dance school named ‘Kalashram’?

- Ans**
- ☐ 1. Pandit Shambhu Maharaj
 - ☐ 2. Pandit Lachhu Maharaj
 - ☒ 3. Pandit Birju Maharaj
 - ☐ 4. Pandit Acchan Maharaj

Q.8 Which of the following is a duty of the Attorney General of India?

- Ans**
- ☐ 1. To advise the State Government
 - ☐ 2. To represent India in international bodies
 - ☒ 3. To give advice to the Government of India on legal matters
 - ☐ 4. To act as a judge in the Supreme Court

Q.9 What is a budget deficit?

- Ans**
- ☒ 1. The excess of government expenditure over revenue
 - ☐ 2. The amount of money allocated for defence spending
 - ☐ 3. The amount of money allocated for social welfare programmes
 - ☐ 4. The excess of government revenue over expenditure

Q.10 In which of the following states of India the ‘Loo’ wind does NOT blow during the summer season?

- Ans**
- ☐ 1. Rajasthan
 - ☒ 2. Goa
 - ☐ 3. Haryana
 - ☐ 4. Punjab

Q.11 ‘My Story’ is the autobiography of which female writer?

- Ans**
- ☐ 1. Pratibha Ray
 - ☐ 2. Amrita Pritam
 - ☒ 3. Kamala Das
 - ☐ 4. Ashapurna Devi

Q.12 _____ is celebrated in Jharkhand immediately after Diwali on the new moon day in the honour of cattle.

- Ans**
- ☐ 1. Rohini
 - ☐ 2. Bhagta Parab
 - ☒ 3. Sohrai
 - ☐ 4. Makar

Q.13 Which Indian musician won the Grammy award for ‘A Meeting by The River’ with Ry Cooder in 1994?

Ans

- ☐ 1. Hariprasad Chaurasia
- ☐ 2. Ravi Shankar
- ☒ 3. Vishwa Mohan Bhatt
- ☐ 4. Zakir Hussain

Q.14 Which of the following institutions bagged the maximum medals at the third edition of Khelo India University Games?

Ans

- ☒ 1. Panjab University
- ☐ 2. Jain University
- ☐ 3. University of Kerala
- ☐ 4. Guru Nanak Dev University

Q.15 Who among the following was a world famous ‘Sitar’ player?

Ans

- ☐ 1. Rajaratanam Pillai
- ☐ 2. Ali Ahmad Hussain
- ☒ 3. Pandit Ravi Shankar
- ☐ 4. Ustad Shafaat Ahmed Khan

Q.16 The cultural heritage of Siddhis from _____ dates back to almost 300 years and their Siddhi Dhamal dance is an exquisite art form.

Ans

- ☐ 1. Uttar Pradesh
- ☐ 2. Madhya Pradesh
- ☒ 3. Gujarat
- ☐ 4. Rajasthan

Q.17 Which gland gets enlarged in the goitre due to which there is a swelling in the front part of the throat?

Ans

- ☒ 1. Thyroid gland
- ☐ 2. Pituitary gland
- ☐ 3. Pineal gland
- ☐ 4. Adrenal gland

Q.18 What is a revenue expenditure?

Ans

- ☐ 1. Money spent on purchasing assets
- ☐ 2. Money spent on debt repayment
- ☒ 3. Money spent on day-to-day government operations
- ☐ 4. Money spent on construction of roads

Q.19 Which age group of the population are covered under the Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY) scheme of the Government of India?

Ans

- ☐ 1. 30 to 60 years
- ☐ 2. 25 to 60 years
- ☒ 3. 15 to 35 years
- ☐ 4. 14 to 40 years

Q.20 In which of the following cities was the 2023 IPL final match held?

Ans

- ☐ 1. Chennai
- ☐ 2. Mumbai
- ☐ 3. Kolkata
- ☒ 4. Ahmedabad

Q.21 Which of the following novels is NOT written by Mulk Raj Anand?

- Ans
-  1. Coolie
 -  2. The Sword and the Sickle
 -  3. Private Life of an Indian Prince
 -  4. The Guide

Q.22 In which state is the Bhitari temple situated?

- Ans
-  1. Odisha
 -  2. Bihar
 -  3. Uttar Pradesh
 -  4. Jharkhand

Q.23 In which year did the All-India Muslim League move a resolution demanding 'Independent States' for Muslims in the north-western and eastern areas of the country?

- Ans
-  1. 1939
 -  2. 1942
 -  3. 1940
 -  4. 1941

Q.24 Which of the following locations experiences the lowest amount of rainfall during the monsoon season?

- Ans
-  1. Meghalaya
 -  2. Assam
 -  3. Kerala
 -  4. Leh

Q.25 Which of the following does NOT come under Fundamental Duties?

- Ans
-  1. To promote harmony
 -  2. To respect National Anthem
 -  3. To develop the scientific temper
 -  4. To pay taxes

Section : **English Language and Comprehension**

Q.1 The sentence given below has spelling errors. Select the sentence without spelling errors.
We can also contribute to preservation of water bodies by not dumping our garbage in them.

- Ans
-  1. We can also contribut to presarvation of water bodies by not dumping our garbage in them.
 -  2. We can also contribute to preservation of water bodies by not dumping our garbage in them.
 -  3. We can also contribute to presarvation of water bodies by not dumping our garbag in them.
 -  4. We can also contribute to presarvation of water bodies by not dumpeing our garbage in them.

Q.2 The following sentence has been split into four segments. Identify the segment that contains an error.
He told me / that he goes / to the market / to buy a laptop.

- Ans
-  1. to the market
 -  2. that he goes
 -  3. to buy a laptop
 -  4. He told me

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'.
Many great people born in that small village.

- Ans
-  1. is born
 -  2. No substitution required
 -  3. were born
 -  4. was born

Q.4 The given sentence contains an error. Select the option that correctly rectifies the error.
He was carefullest while stealing the crown jewels.

- Ans**
- ☒ 1. He was most careful while stealing the crown jewels.
 - ☐ 2. He was more careful while stealing the crown jewels.
 - ☐ 3. He was carefuller while stealing the crown jewels.
 - ☐ 4. He was most carefuller while stealing the crown jewels.

Q.5 Select the most appropriate option to fill in the blank.
The tigress that was killed by the villagers was not only a man-eater, _____ a mother.

- Ans**
- ☐ 1. and
 - ☐ 2. but
 - ☐ 3. but often
 - ☒ 4. but also

Q.6 Select the most appropriate ANTONYM of the given word.
Stern

- Ans**
- ☐ 1. Stable
 - ☐ 2. Profound
 - ☐ 3. Sincere
 - ☒ 4. Lenient

Q.7 Parts of the following sentence have been underlined and given as options. Select the option that contains a misspelt word.
A piano teacher described an interesting encountar she had with a young lady who came to inquire about music lessons.

- Ans**
- ☐ 1. inquire
 - ☐ 2. piano
 - ☐ 3. interesting
 - ☒ 4. encountar

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
It is commonly believed / that Democracy is / the best form / of the government.

- Ans**
- ☐ 1. that Democracy is
 - ☐ 2. the best form
 - ☒ 3. of the government
 - ☐ 4. It is commonly believed

Q.9 Parts of the following sentence have been given as options. Select the option that contains an error.
A soothe voice must convey both confidence and intimacy, qualities which can be attributed to a few key components.

- Ans**
- ☐ 1. few key components
 - ☐ 2. convey both confidence
 - ☐ 3. which can be
 - ☒ 4. A soothe voice

Q.10 Select the most appropriate synonym of the given word.
Hesitate

- Ans**
- ☐ 1. Conceal
 - ☐ 2. Recoil
 - ☐ 3. Blabber
 - ☒ 4. Falter

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

His older brothers were quite willing that he should went to sea.

- Ans**
- ☐ 1. had go to
 - ☐ 2. have gone in
 - ☐ 3. gone to
 - ☒ 4. go to

Q.12 Select the most appropriate meaning of the underlined idiom.
The police inspector knows the ins and outs of the murder case.

- Ans**
- ☐ 1. lawyers and judges
 - ☐ 2. laws
 - ☒ 3. full details
 - ☐ 4. all the witnesses

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 improvement required'.
It is true that learning English is essential for professionals to survived the national and international competitions.

- Ans**
- ☒ 1. for surviving
 - ☐ 2. No improvement required
 - ☐ 3. to be survive
 - ☐ 4. having to survive

Q.14 Select the most appropriate meaning of the given idiom.

Call it a day

- Ans**
- ☐ 1. To have the greatest day ever
 - ☒ 2. To stop working
 - ☐ 3. To refer to something as something else
 - ☐ 4. To be very straightforward

Q.15 Select the most appropriate meaning of the given idiom.
Spill the beans

- Ans**
- ☐ 1. Excellent health
 - ☐ 2. Things always get worse
 - ☒ 3. To reveal a secret information unintentionally
 - ☐ 4. Behave or speak in a rash manner

Q.16 Four words of the following sentence have been underlined and given as options. Select the option that contains a spelling error.
Ozone is a reactiev gas that is not only important in protecting us from harmful ultraviolet radiation but is also a greenhouse gas and, at high smog-level concentrations, harmful to human health and vegetation.

- Ans**
- ☐ 1. concentrations
 - ☒ 2. reactiev
 - ☐ 3. radiation
 - ☐ 4. vegetation

Q.17 Select the most appropriate ANTONYM of the given word.
Empathetic

- Ans**
- ☒ 1. Merciless
 - ☐ 2. Frustrated
 - ☐ 3. Lonely
 - ☐ 4. Charismatic

Q.18 Select the most appropriate option that can substitute the underlined word in the following sentence.
The energetic kitten is playful after having his breakfast.

- Ans**
- ☐ 1. it is
 - ☒ 2. its
 - ☐ 3. it
 - ☐ 4. it's

Q.19 Select the most appropriate meaning of the underlined idiom.

The executives were running around in circles, without any success.

- Ans**
- ☒ 1. Putting efforts into something that does not give a worthwhile result
 - ☐ 2. Suffering huge profits and losses
 - ☐ 3. Successfully accomplishing the target
 - ☐ 4. Achieving maximum mileage

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence.
He said that I have finished my work.

- Ans**
- ☐ 1. I had finished my work
 - ☒ 2. he had finished his work
 - ☐ 3. he was finished his work
 - ☐ 4. he has finished his work

Comprehension:

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

Photosynthesis is the _____(1) used by plants, algae and some bacteria to turn sunlight into energy. The process chemically _____(2) carbon dioxide and water into food and oxygen. The chemical reaction often _____(3) on a pigment called chlorophyll, which gives plants their green colour. Photosynthesis is also the _____(4) our planet is blanketed in an oxygen-rich atmosphere. Plants absorb carbon dioxide from the _____(5) air and release water and oxygen via microscopic pores on their leaves called stomata.

SubQuestion No : 21

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

- Ans**
- ☐ 1. chaos
 - ☐ 2. guess
 - ☐ 3. area
 - ☒ 4. process

Comprehension:

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

Photosynthesis is the _____(1) used by plants, algae and some bacteria to turn sunlight into energy. The process chemically _____(2) carbon dioxide and water into food and oxygen. The chemical reaction often _____(3) on a pigment called chlorophyll, which gives plants their green colour. Photosynthesis is also the _____(4) our planet is blanketed in an oxygen-rich atmosphere. Plants absorb carbon dioxide from the _____(5) air and release water and oxygen via microscopic pores on their leaves called stomata.

SubQuestion No : 22

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

- Ans**
- ☐ 1. crates
 - ☒ 2. converts
 - ☐ 3. exceeds
 - ☐ 4. bows

Comprehension:

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

Photosynthesis is the _____(1) used by plants, algae and some bacteria to turn sunlight into energy. The process chemically _____(2) carbon dioxide and water into food and oxygen. The chemical reaction often _____(3) on a pigment called chlorophyll, which gives plants their green colour. Photosynthesis is also the _____(4) our planet is blanketed in an oxygen-rich atmosphere. Plants absorb carbon dioxide from the _____(5) air and release water and oxygen via microscopic pores on their leaves called stomata.

SubQuestion No : 23

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

- Ans**
- ☒ 1. relies
 - ☐ 2. wants
 - ☐ 3. hopes
 - ☐ 4. creates

Comprehension:

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

Photosynthesis is the _____(1) used by plants, algae and some bacteria to turn sunlight into energy. The process chemically _____(2) carbon dioxide and water into food and oxygen. The chemical reaction often _____(3) on a pigment called chlorophyll, which gives plants their green colour. Photosynthesis is also the _____(4) our planet is blanketed in an oxygen-rich atmosphere. Plants absorb carbon dioxide from the _____(5) air and release water and oxygen via microscopic pores on their leaves called stomata.

SubQuestion No : 24

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

- Ans**
- ☒ 1. reason
 - ☐ 2. sense
 - ☐ 3. occasion
 - ☐ 4. goal

Comprehension:

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

Photosynthesis is the _____(1) used by plants, algae and some bacteria to turn sunlight into energy. The process chemically _____(2) carbon dioxide and water into food and oxygen. The chemical reaction often _____(3) on a pigment called chlorophyll, which gives plants their green colour. Photosynthesis is also the _____(4) our planet is blanketed in an oxygen-rich atmosphere. Plants absorb carbon dioxide from the _____(5) air and release water and oxygen via microscopic pores on their leaves called stomata.

SubQuestion No : 25

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

- Ans**
- ☒ 1. surrounding
 - ☐ 2. close
 - ☐ 3. afar
 - ☐ 4. distant

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

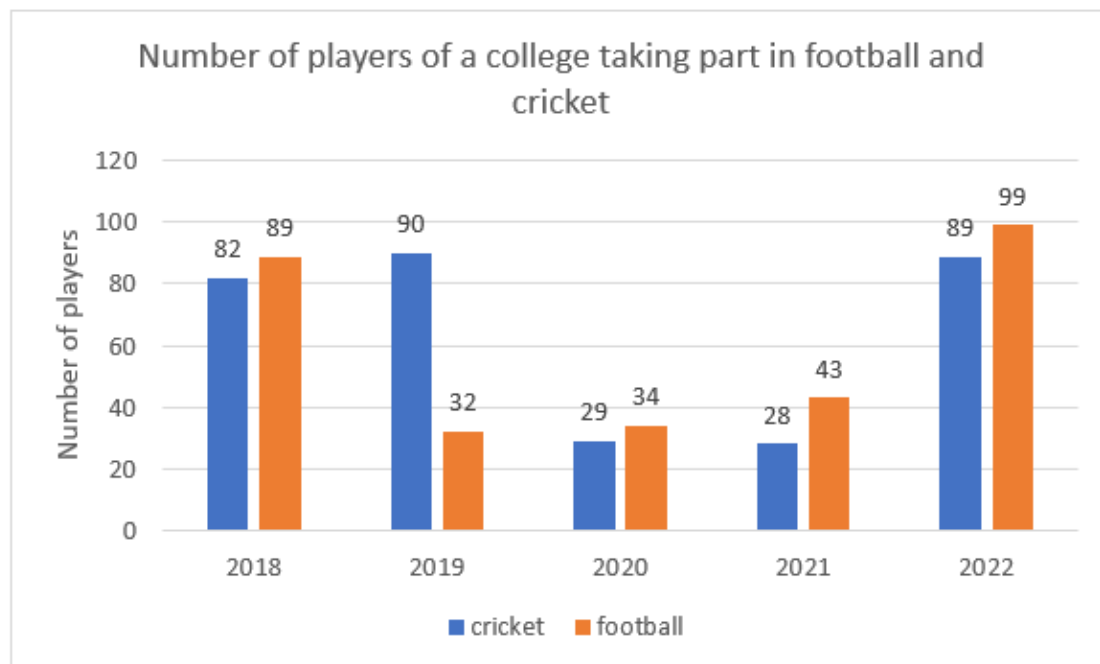
Exam Date	04/09/2023
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 A manufacturer earns a profit of 10% on selling his products to a wholesale dealer. The wholesale dealer earns a profit of 15% by selling it to a retailer. The retailer, in turn, earns a profit of 25% from the customer. What is the actual cost of production of an article for which the customer pays ₹12,650?

- Ans**
- ☐ 1. ₹9,000
 - ☒ 2. ₹8,000
 - ☐ 3. ₹8,500
 - ☐ 4. ₹7,000

Q.2 The bar graph shows the number of players of a college taking part in two games for five years:



What is the total number of players playing cricket and football in 2019 and 2020?

- Ans**
- ☐ 1. 180
 - ☐ 2. 195
 - ☒ 3. 185
 - ☐ 4. 190

Q.3 A lady invests ₹27,600 in three shares in the ratio 3 : 4 : 5 which pay dividends of 20%, 15% and 5% on her investment for that year, respectively. What is the total dividend?

- Ans**
- ☐ 1. ₹2,535
 - ☐ 2. ₹3,125
 - ☒ 3. ₹3,335
 - ☐ 4. ₹3,852

Q.4 The average of the first 69 natural numbers is:

- Ans
- ✓ 1. 35
 - ✗ 2. 33
 - ✗ 3. 36
 - ✗ 4. 34

Q.5 A car dealer borrows ₹20,000 from a bank for a period of 2 years at a simple interest rate of 8% per annum. If he repays the loan in full at the end of the 2-year period, how much will he have to pay?

- Ans
- ✗ 1. ₹3,200
 - ✗ 2. ₹23,600
 - ✗ 3. ₹3,600
 - ✓ 4. ₹23,200

Q.6 P and Q start from point A to point B, at the same time at speeds of 32 km/h and 40 km/h, respectively. If in covering the journey P takes 15 minutes longer than Q, the total distance AB of the journey is:

- Ans
- ✗ 1. 32 km
 - ✗ 2. 36 km
 - ✗ 3. 44 km
 - ✓ 4. 40 km

Q.7 Find the area of an equilateral triangle, each of whose sides measures 12 cm.

- Ans
- ✗ 1. $\frac{36}{\sqrt{3}} \text{ cm}^2$
 - ✓ 2. $36\sqrt{3} \text{ cm}^2$
 - ✗ 3. $\frac{72}{\sqrt{3}} \text{ cm}^2$
 - ✗ 4. $3\sqrt{3} \text{ cm}^2$

Q.8 Number of eggs produced by five farms:

Year	Farm				
	L	M	N	O	P
2019	825	925	670	740	480
2020	928	768	781	530	864
2021	765	635	922	515	940
2022	832	526	623	618	745

What is the respective ratio of the dozens of eggs produced by farm M to farm P in the year 2020?

- Ans
- ✗ 1. 9 : 8
 - ✓ 2. 8 : 9
 - ✗ 3. 4 : 3
 - ✗ 4. 7 : 8

Q.9 A mixture contains milk and water in the ratio 9 : 7. If it contains 4 litres more milk than water, then find the quantity of milk (in litres) in the mixture.

- Ans
- ☒ 1. 18
 - ☐ 2. 21
 - ☐ 3. 15
 - ☐ 4. 14

Q.10 Three measuring tapes are 64 cm, 72 cm and 96 cm, respectively. What is the least length that can be measured by any of the tapes exactly (in cm)?

- Ans
- ☐ 1. 570
 - ☐ 2. 575
 - ☒ 3. 576
 - ☐ 4. 525

Q.11 Two trains of length 200 m and 325 m long are running on parallel rail tracks at speeds of 78 km/h and 60 km/h, respectively. In how much time (in seconds) the faster train cross the slower one if they are running in the same direction?

- Ans
- ☐ 1. 110
 - ☒ 2. 105
 - ☐ 3. 115
 - ☐ 4. 100

Q.12 The average of the first 10 prime number is:

- Ans
- ☒ 1. 12.9
 - ☐ 2. 9.7
 - ☐ 3. 13.4
 - ☐ 4. 11.9

Q.13 A work can be completed by P and Q working separately in 12 and 18 days, respectively. But they work on alternate days beginning with P. How many days will it take to complete the work?

- Ans
- ☐ 1. 15
 - ☐ 2. $14\frac{1}{12}$
 - ☐ 3. $14\frac{1}{4}$
 - ☒ 4. $14\frac{1}{3}$

Q.14 By selling a TV set for ₹16,800, a salesman gains a profit of 20%. If the production cost is increased by 20%, find the new selling price of the set so as to gain 20%.

- Ans
- ☐ 1. ₹20,480
 - ☒ 2. ₹20,160
 - ☐ 3. ₹18,160
 - ☐ 4. ₹18,480

Q.15 The mean proportion of $(3+2\sqrt{2})^2$ and $(3-2\sqrt{2})^2$ is:

- Ans
- ☒ 1. 1
 - ☐ 2. $3 + 2\sqrt{2}$
 - ☐ 3. 5
 - ☐ 4. $2\sqrt{2}$

Q.16 Simplify

$$108 \div 36 \times 4 + 2.5 \times 4 \div 0.5 - 10$$

- Ans
- ☐ 1. 21
 - ☐ 2. 20
 - ☐ 3. 10
 - ☒ 4. 22

Q.17 At what rate of interest per annum, compounded annually, will an amount of ₹8,000 yield a compound interest of ₹904.2 in 2 years?

- Ans
- ☐ 1. 6%
 - ☐ 2. 10%
 - ☐ 3. 8%
 - ☒ 4. 5.5%

Q.18 A college student spends 75% of his pocket money. When the pocket money increased by 20%, the expenditure also increased by 15%. What is the increase in the savings?

- Ans
- ☒ 1. 35%
 - ☐ 2. 55%
 - ☐ 3. 45%
 - ☐ 4. 25%

Q.19 The radius and the height of a right circular cone are in the ratio 3 : 4. If its volume is 301.44 m^3 , find the slant height (use $\pi = 3.14$).

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

Q.20 Juli and Rahul can simultaneously finish the work of painting a room in 12 days. If Juli alone can paint the room in 20 days, in how many days can Rahul alone complete the same work of painting the room?

- Ans
- ☐ 1. 40
 - ☐ 2. 35
 - ☒ 3. 30
 - ☐ 4. 25

Q.1 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$729 \times 81 - 96 + 13 \div 8 = ?$$

- Ans**
- ☐ 1. 11
 - ☐ 2. 9
 - ☐ 3. 8
 - ☒ 4. 1

Q.2 DKJE is related to IPOJ in a certain way based on the English alphabetical order. In the same way, GTSM is related to LYXR. To which of the following is RBNF related to, following the same logic?

- Ans**
- ☐ 1. VGQI
 - ☐ 2. WEQK
 - ☐ 3. XERJ
 - ☒ 4. WGSK

Q.3 In a certain code language, 'BLANCH' is coded as '36' and 'ARAB' is coded as '24'. What is the code for 'CORRECT' in the given code language?

- Ans**
- ☐ 1. 41
 - ☐ 2. 39
 - ☒ 3. 42
 - ☐ 4. 40

Q.4 The position of how many letters will remain unchanged if each of the letter in the word 'BACHELOR' is arranged in alphabetical order?

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

Q.5 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

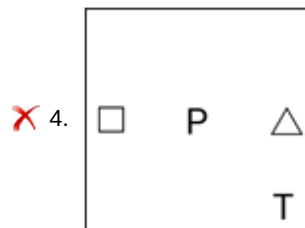
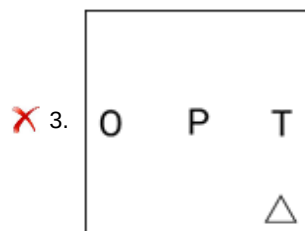
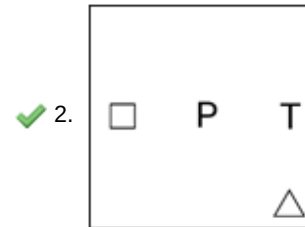
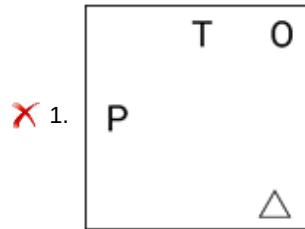
EMT, ILX, MKB, QJF, ?

- Ans**
- ☐ 1. UHL
 - ☐ 2. VHK
 - ☐ 3. VJL
 - ☒ 4. UIJ

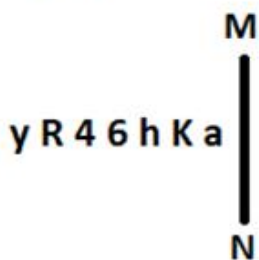
Q.6 Which figure should replace the question mark (?) if the following figure series were to be continued?

T		T	△		△	
P	□	P	P	T	P	?
	△	O	□	T	O	

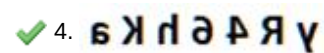
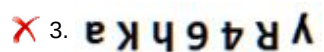
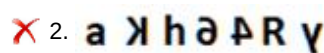
Ans



Q.7 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans



- Q.8** What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
 $39 + 5 + 8 - 99 \times 9 = ?$
- Ans**
- ☒ 1. 178
 - ☒ 2. 158
 - ☒ 3. 198
 - ☒ 4. 168

- Q.9** What should come in place of ? in the given series based on the English alphabetical order?
MAG, QXE, UUC, YRA, ?
- Ans**
- ☒ 1. DNY
 - ☒ 2. COY
 - ☒ 3. DMX
 - ☒ 4. CNX

- Q.10** 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 computers are laptops. Some laptops are heavy. All heavy is wood.
- Conclusion I: All laptops are computers.
- Conclusion II: Some heavy are laptops.
- Ans**
- ☒ 1. Both conclusions (I) and (II) are follow.
 - ☒ 2. Only conclusion (II) is follow.
 - ☒ 3. Neither conclusion (I) nor (II) is follow.
 - ☒ 4. Only conclusion (I) is follow.

- Q.11** What should come in place of ? in the given series based on the English alphabetical order?
NBE, JXA, FTW, BPS, ?
- Ans**
- ☒ 1. YMN
 - ☒ 2. YNP
 - ☒ 3. XLO
 - ☒ 4. XMP

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)

5, 128

9, 732

Ans  1. 3, 30

 2. 4, 46

 3. 5, 50

 4. 2, 13

Q.13 What should come in place of ‘?’ in the given series?

4 22 112 562 2812 ?

Ans  1. 14062

 2. 13948

 3. 13423

 4. 13684

Q.14 In a certain code language, ‘COIN’ is coded as ‘9735’ and ‘ONCE’ is coded as ‘3459’. What is the code for ‘E’ in the given code language?

Ans  1. 3

 2. 4

 3. 5

 4. 9

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 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)

8 : 50

4 : 30

Ans  1. 5 : 8

 2. 20 : 40

 3. 7 : 45

 4. 6 : 20

Q.16 What should come in place of ‘?’ in the given series?

16 110 ? 5374 37616 263310 1843168

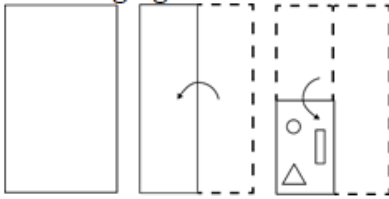
Ans  1. 804

 2. 768

 3. 792

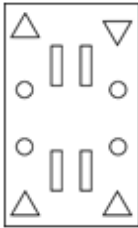
 4. 800

Q.17 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?

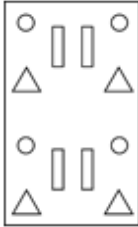


Ans

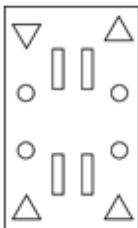
✗ 1.



✗ 2.



✗ 3.



✓ 4.



Q.18 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 ropes are forks. Some forks are spoons. Some spoons are chopsticks.

Conclusion I: Some ropes are spoons.

Conclusion II: All forks are chopsticks.

Ans

✗ 1. Only conclusion (I) is follow.

✗ 2. Only conclusion (II) is follow.

✓ 3. Neither conclusion (I) nor (II) is follow.

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

Q.19 What should come in place of ‘?’ in the given series?

5 15 35 75 155 ?

- Ans
- ☐ 1. 335
 - ☐ 2. 325
 - ☐ 3. 305
 - ☒ 4. 315

Q.20 Six people, Karan, Dilip, Rahul, Prabhat, Alok and Sandeep are sitting in a straight line, facing north. Karan sits 2nd from the left end. Dilip sits 3rd to the right of Karan. Rahul sits 2nd to the left of Dilip. Prabhat sits 3rd to the right of Rahul. Sandeep sits 2nd to the left of Prabhat. Who sits 2nd to the right of Karan?

- Ans
- ☒ 1. Sandeep
 - ☐ 2. Alok
 - ☐ 3. Prabhat
 - ☐ 4. Rahul

Section : **General Awareness**

Q.1 Whose autobiography is titled ‘Born Again on the Mountain: a story of losing everything and finding it back’?

- Ans
- ☐ 1. Santosh Yadav
 - ☐ 2. Bachendri Pal
 - ☐ 3. Dicky Dolma
 - ☒ 4. Arunima Sinha

Q.2 How many countries will participate in ICC 2023 ODI Cricket World Cup?

- Ans
- ☐ 1. 8
 - ☐ 2. 6
 - ☒ 3. 10
 - ☐ 4. 12

Q.3 On 8th April 1929, who among the following two revolutionists threw a bomb in the Central Legislative Assembly?

- Ans
- ☐ 1. Bhagat Singh and Rajguru
 - ☐ 2. Bhagat Singh and Sukhdev
 - ☒ 3. Bhagat Singh and Batukeshwar Dutt
 - ☐ 4. Bhagat Singh and Ram Prasad Bismil

Q.4 Which of the following is NOT a characteristic of money?

- Ans
- ☒ 1. Perishability
 - ☐ 2. Durability
 - ☐ 3. Divisibility
 - ☐ 4. Portability

Q.5 Kalidas Samman is a prestigious arts award presented annually by the government of _____.

- Ans
- ☐ 1. Rajasthan
 - ☒ 2. Madhya Pradesh
 - ☐ 3. Karnataka
 - ☐ 4. Kerala

Q.6 Which of the following lakes is a saltwater lake ?

- Ans**
- ☒ 1. Chilika
 - ☐ 2. Titicaca
 - ☐ 3. Superior
 - ☐ 4. Malawi

Q.7 The sal tree assumes great significance in a number of tribal communities scattered across eastern India. For instance, _____ festival is celebrated in honour of the tree in Jharkhand.

- Ans**
- ☒ 1. Sarhul
 - ☐ 2. Tusu Parab
 - ☐ 3. Sohrai
 - ☐ 4. Karma

Q.8 Geto Sora won the Arena Junior (Boys) International Badminton Championship. He belongs to which state?

- Ans**
- ☐ 1. Meghalaya
 - ☐ 2. Sikkim
 - ☒ 3. Arunachal Pradesh
 - ☐ 4. Mizoram

Q.9 Which of the following Indian musicians was referred to as 'Ghazal King'?

- Ans**
- ☐ 1. Pankaj Udhas
 - ☐ 2. Mehdi Hassan
 - ☐ 3. Ghulam Ali
 - ☒ 4. Jagjit Singh

Q.10 _____ has two traditions: one is the sankeertana (which is the devotional aspect) and the other is the raasa.

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

Q.11 Among the given options, which one causes an echo?

- Ans**
- ☐ 1. When sound waves travel through a solid medium
 - ☒ 2. When sound is reflected
 - ☐ 3. When sound waves travel through a liquid medium
 - ☐ 4. When sound waves travel through a vacuum

Q.12 In which river has the National Waterways-2 (NW-2) been developed in India?

- Ans**
- ☐ 1. Krishna
 - ☒ 2. Brahmaputra
 - ☐ 3. Ganga
 - ☐ 4. Narmada

Q.13 Who appoints the State Election Commissioner?

- Ans**
- ☒ 1. Governor
 - ☐ 2. Chief Minister
 - ☐ 3. Speaker
 - ☐ 4. Advocate General

Q.14 In which of the following years was the Child Marriage Restraint Act passed?

- Ans**
- ☐ 1. 1950
 - ☐ 2. 1949
 - ☐ 3. 1939
 - ☒ 4. 1929

Q.15 What is the name of the scheme launched by Himachal Pradesh government for dairy farmers?

- Ans**
- ☒ 1. Sanjeevani
 - ☐ 2. Dhugdh Dhan
 - ☐ 3. Dhoodh aur Dhan
 - ☐ 4. Pashu Poshan

Q.16 In India, Micro Finance Institutions primarily target which segment of the population?

- Ans**
- ☐ 1. Non-resident Indians (NRIs)
 - ☐ 2. Large corporations
 - ☒ 3. Low-income individuals and small businesses
 - ☐ 4. High-income individuals

Q.17 Which of the following States will host the 37th National Games?

- Ans**
- ☐ 1. Karnataka
 - ☐ 2. Andhra Pradesh
 - ☒ 3. Goa
 - ☐ 4. Odisha

Q.18 The _____ of the Indian Constitution defines the Fundamental Duties of Indian Citizens.

- Ans**
- ☐ 1. Article 41B
 - ☐ 2. Article 21A
 - ☒ 3. Article 51A
 - ☐ 4. Article 49C

Q.19 Dr. Bhupendra Kumar Hazarika won the Bharat Ratna award in the field of _____ in 2019.

- Ans**
- ☐ 1. Games
 - ☒ 2. Music
 - ☐ 3. Science
 - ☐ 4. Literature

Q.20 Identify the Chhau dancer from the following, who received the Sangeet Natak Akademi Award-2021 (given in February 2023)?

- Ans**
- ☐ 1. Rabindra Atibudhi
 - ☐ 2. Bharathi Vithal
 - ☒ 3. Bhuvan Kumar
 - ☐ 4. Kumkum Dhar

Q.21 The Mumbai High region in Arabian Sea is known for mining _____.

- Ans**
- ☐ 1. copper
 - ☒ 2. mineral oil
 - ☐ 3. uranium
 - ☐ 4. coal

Q.22 What type of vegetation is represented by Sundarbans, the world's largest delta located in the Bay of Bengal?

- Ans**
- ☒ 1. Mangrove Forests
 - ☐ 2. Tropical Thorn Forests
 - ☐ 3. Montane Forests
 - ☐ 4. Semi Evergreen Forests

Q.23 According to the Census of India 2011, identify the correct pair of State and Union Territories which recorded the highest literacy rate.

- Ans**
- ☐ 1. Mizoram and Lakshadweep
 - ☒ 2. Kerala and Lakshadweep
 - ☐ 3. Kerala and Chandigarh
 - ☐ 4. Goa and Puducherry

Q.24 The Padma Shri awardee Guru K Kalyanasundaram Pillai, the man who is keeping an ancient tradition alive, was awarded the Padma Shri 2023 for his contribution to the field of _____.

- Ans**
- ☐ 1. Kuchipudi
 - ☐ 2. Kathakali
 - ☐ 3. Mohiniyattam
 - ☒ 4. Bharatanatyam

Q.25 'Wings of Fire' is an autobiography of whom?

- Ans**
- ☐ 1. Indira Gandhi
 - ☐ 2. Ratan Tata
 - ☒ 3. APJ Abdul Kalam
 - ☐ 4. Subhash Chandra Bose

Section : **English Language and Comprehension**

Q.1 Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.
Jack being the wiser and bolder among the two of us, took the lead, carrying the axe on his shoulder.

- Ans**
- ☐ 1. boldest among
 - ☐ 2. boldest between
 - ☒ 3. bolder between
 - ☐ 4. No improvement required

Q.2 The following sentence has been split into four segments. Identify the segment that contains a grammatical error and select the option which rectifies that error.

AI fiction is a constantly / evolving genre that gives us an peek / into the potential upsides and downsides / of intelligent machines.

- Ans**
- ☒ 1. evolving genre that gives us a peek
 - ☐ 2. AI fiction is an constantly
 - ☐ 3. of intelligent machine.
 - ☐ 4. into a potential upside and downside

Q.3 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Adopt
 - ☐ 2. Advertisement
 - ☒ 3. Contantment
 - ☐ 4. Container

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

- Ans**
- ☐ 1. Modesty
 - ☐ 2. Experience
 - ☐ 3. Intelligence
 - ☒ 4. Stupidity

Q.5 Select the most appropriate idiom from the given options to fill in the blank.
We broke the traffic rules unknowingly while coming back from the party, now we have to _____ sooner or later.

- Ans**
- ☒ 1. face the music
 - ☐ 2. cry for the moon
 - ☐ 3. look sharp
 - ☐ 4. bid defiance

Q.6 Select the option that can be used as a one-word substitute for the given group of words.

To go away suddenly and secretly in order to escape from somewhere

- Ans**
- ☐ 1. Vanish
 - ☐ 2. Extradite
 - ☒ 3. Abscond
 - ☐ 4. Excavate

Q.7 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 pandemic has challenged education systems to ensure learning continuity, substantially increasing the demands placed on teachers.

- Ans**
- ☒ 1. No substitution required
 - ☐ 2. education systems in ensure learning
 - ☐ 3. education systems to ensuring learning
 - ☐ 4. education systems for ensure learning

Q.8 Select the most appropriate meaning of the underlined idiom.

My friend's business has grown by leaps and bounds.

- Ans**
- ☐ 1. aimlessly
 - ☐ 2. perfectly
 - ☒ 3. rapidly
 - ☐ 4. slowly

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Peer pressure is bound to effect most of us both positively and negatively.

- Ans**
- ☐ 1. to impede most of us
 - ☐ 2. to invoke most of us
 - ☐ 3. to prompt most of us
 - ☒ 4. to affect most of us

Q.10 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.

The doctor said that the patient named Rumi is in the _____ (initial) stage of lung cancer.

- Ans**
- ☐ 1. innermost
 - ☐ 2. outermost
 - ☐ 3. early
 - ☒ 4. terminal

Q.11 Select the option that can be used as a one-word substitute for the underlined group of words.

Many people fought to put an end to slavery during the civil war.

- Ans**
- ☐ 1. absorb
 - ☒ 2. abolish
 - ☐ 3. abide
 - ☐ 4. abduct

Q.12 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.

If he will come early, we will leave on time.

- Ans**
- ☐ 1. on time
 - ☐ 2. we will
 - ☒ 3. will come
 - ☐ 4. If he

Q.13 Select the most appropriate meaning of the underlined idiom in the following sentence.

I ordered a dozen doughnuts, but the kind baker gave me a baker's dozen.

- Ans**
- ☒ 1. A group of 13
 - ☐ 2. A group of 12 bakery items
 - ☐ 3. A group of 12
 - ☐ 4. A group of 12 bakers

Q.14 Select the most appropriate synonym of the given word.
Peculiar

- Ans**
- ☐ 1. Normal
 - ☒ 2. Strange
 - ☐ 3. Neat
 - ☐ 4. Jovial

Q.15 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Writting
 - ☐ 2. Beginning
 - ☐ 3. Argument
 - ☐ 4. Amateur

Q.16 Select the most appropriate meaning of the underlined idiom in the following sentence.

Tim joined the family business as he failed in his final degree examination. Seeing the growth of the family business now, it seems like Tim's earlier failure was a blessing in disguise.

- Ans**
- ☐ 1. A difficult time
 - ☐ 2. A mistake
 - ☒ 3. Something good that isn't recognised at first
 - ☐ 4. A good decision

Q.17 Select the sentence that has **NO** spelling errors.

- Ans**
- ☐ 1. The teacher was impressed with the student's insightfull analysis of the novel, which demonstrated a deep understanding of the complex theames and motifs.
 - ☐ 2. The teacher was imprressed with the student's insightul analysis of the novel, which demonstrated a deep understanding of the complex themes and motifs.
 - ☐ 3. The teacher was impresed with the student's insightful analysis of the novel, which demonstreted a deep understanding of the complex themes and motifs.
 - ☒ 4. The teacher was impressed with the student's insightful analysis of the novel, which demonstrated a deep understanding of the complex themes and motifs.

Q.18 Select the most appropriate option to fill in the blank.
He generally avoids arguments as he is _____ by nature.

- Ans**
- ☐ 1. questionable
 - ☐ 2. quick-minded
 - ☒ 3. peaceful
 - ☐ 4. reliable

Q.19 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.
They had two bedrooms among them, one for the girls and one for the boys.

- Ans**
- ☒ 1. bedrooms among
 - ☐ 2. girls and one
 - ☐ 3. them, one for
 - ☐ 4. had two

Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Guard over / making mistakes / by carefully checking / the assigned task.

- Ans**
- ☒ 1. Guard over
 - ☐ 2. by carefully checking
 - ☐ 3. making mistakes
 - ☐ 4. the assigned task

Comprehension:

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

_____ (1) university or college degree has long been the traditional hallmark of a _____ (2) candidate in the professional arena. While it historically provided the most widely accepted standard of qualification and skill for professionals, many companies today _____ (3) their hiring process and considering a broader list of criteria to judge a candidate's ability. Organisations are reducing their reliance on college degrees as a sole marker of competence and instead placing greater emphasis _____ (4) the practical skills candidates have acquired through work experience. This shift in hiring is of particular relevance to India, which has the _____ (5) youth population in the world.

SubQuestion No : 21

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

- Ans**
- ☐ 1. The
 - ☐ 2. An
 - ☒ 3. A
 - ☐ 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.

_____ (1) university or college degree has long been the traditional hallmark of a _____ (2) candidate in the professional arena. While it historically provided the most widely accepted standard of qualification and skill for professionals, many companies today _____ (3) their hiring process and considering a broader list of criteria to judge a candidate's ability. Organisations are reducing their reliance on college degrees as a sole marker of competence and instead placing greater emphasis _____ (4) the practical skills candidates have acquired through work experience. This shift in hiring is of particular relevance to India, which has the _____ (5) youth population in the world.

SubQuestion No : 22

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

- Ans**
- ☐ 1. qualification
 - ☐ 2. qualify
 - ☐ 3. was qualify
 - ☒ 4. qualified

Comprehension:

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

_____ (1) university or college degree has long been the traditional hallmark of a _____ (2) candidate in the professional arena. While it historically provided the most widely accepted standard of qualification and skill for professionals, many companies today _____ (3) their hiring process and considering a broader list of criteria to judge a candidate's ability. Organisations are reducing their reliance on college degrees as a sole marker of competence and instead placing greater emphasis _____ (4) the practical skills candidates have acquired through work experience. This shift in hiring is of particular relevance to India, which has the _____ (5) youth population in the world.

SubQuestion No : 23

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

- Ans**
- ☐ 1. was changing
 - ☒ 2. are changing
 - ☐ 3. changing
 - ☐ 4. was changed

Comprehension:

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

_____ (1) university or college degree has long been the traditional hallmark of a _____ (2) candidate in the professional arena. While it historically provided the most widely accepted standard of qualification and skill for professionals, many companies today _____ (3) their hiring process and considering a broader list of criteria to judge a candidate's ability. Organisations are reducing their reliance on college degrees as a sole marker of competence and instead placing greater emphasis _____ (4) the practical skills candidates have acquired through work experience. This shift in hiring is of particular relevance to India, which has the _____ (5) youth population in the world.

SubQuestion No : 24

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

- Ans**
-  1. about
 -  2. for
 -  3. on
 -  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.

_____ (1) university or college degree has long been the traditional hallmark of a _____ (2) candidate in the professional arena. While it historically provided the most widely accepted standard of qualification and skill for professionals, many companies today _____ (3) their hiring process and considering a broader list of criteria to judge a candidate's ability. Organisations are reducing their reliance on college degrees as a sole marker of competence and instead placing greater emphasis _____ (4) the practical skills candidates have acquired through work experience. This shift in hiring is of particular relevance to India, which has the _____ (5) youth population in the world.

SubQuestion No : 25

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

- Ans**
-  1. largest
 -  2. longest
 -  3. most highest
 -  4. biggest

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	04/09/2023
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 A sum invested at the rate of 6% simple interest per annum grows to ₹1,13,880 in 5 years. What is the simple interest, If the same amount is invested for 8 years at the rate of 9% per annum?

- Ans
- ☐ 1. ₹58,050
 - ☒ 2. ₹63,072
 - ☐ 3. ₹65,392
 - ☐ 4. ₹60,565

Q.2 Two trains started from a station, at the same time in the same direction, at speeds of 90 km/h and 80 km/h. What will be the distance between the two trains after 5 hours?

- Ans
- ☐ 1. 45 km
 - ☒ 2. 50 km
 - ☐ 3. 40 km
 - ☐ 4. 55 km

Q.3 A grocer purchased 50 kg of sugar at ₹40 per kg and mixed with 70 kg of sugar at ₹30 per kg. At what rate should he sell the mixture (per kg) to gain 20%?

- Ans
- ☐ 1. ₹20
 - ☐ 2. ₹60
 - ☐ 3. ₹35
 - ☒ 4. ₹41

Q.4 A person buys a table fan for ₹2,800 and sells it at a loss of 12%. What is the selling price of the table fan?

- Ans
- ☐ 1. ₹2,462
 - ☐ 2. ₹2,468
 - ☐ 3. ₹2,466
 - ☒ 4. ₹2,464

Q.5 The average weight of 17 men is 63 kg and the average weight of 36 women is 54 kg. What is the average weight (in kg) of all the men and women together? (Rounded off to the nearest integer)

- Ans
- ☐ 1. 62
 - ☒ 2. 57
 - ☐ 3. 59
 - ☐ 4. 52

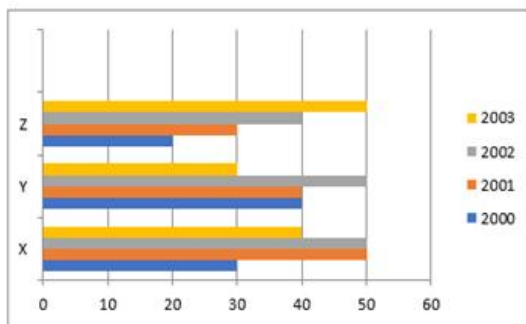
Q.6 Vikram saves 13% of his monthly salary. If his monthly expenditure is ₹5,220, then his monthly savings is:

- Ans
- ☐ 1. ₹580
 - ☒ 2. ₹780
 - ☐ 3. ₹349
 - ☐ 4. ₹680

Q.7 A, B and C can complete a work in 10, 15 and 20 days, respectively. They work on alternate days such that 1st day A, 2nd day B and 3rd day C. Again 4th day A, 5th day B and so on. If they work in the same way, in how many days will the work be completed?

- Ans
- ☐ 1. $13\frac{1}{4}$
 - ☒ 2. $13\frac{1}{2}$
 - ☐ 3. 14
 - ☐ 4. 15

Q.8 The following bar graph indicates the production of cement by 3 companies X, Y and Z during the years 2000 - 2003. The quantity is in lakh bags. Study the bar graph carefully and answer the question.



What is the ratio of the average production of company X during the period 2000 – 2003 to the production of company Y during the same period (in lakh bags).

- Ans
- ☒ 1. 17 : 16
 - ☐ 2. 8 : 7
 - ☐ 3. 12 : 17
 - ☐ 4. 10 : 7

Q.9 A vessel contains liquid A and liquid B in the ratio 4 : 9. If 8 litres of liquid A is added to the vessel, the new ratio becomes 8 : 9. Find the quantity of liquid A (in litres) in the original mixture.

- Ans
- ☐ 1. 9
 - ☒ 2. 8
 - ☐ 3. 6
 - ☐ 4. 12

Q.10 Find the total surface area of a cuboid whose dimensions are 18 m, 6 m and 3 m.

- Ans
- ☐ 1. 324 m^2
 - ☐ 2. 90 m^2
 - ☒ 3. 360 m^2
 - ☐ 4. 180 m^2

Q.11 A grocery seller mixes two varieties of tea costing ₹300 per kg and ₹160 per kg in such a ratio that by selling this mixture at the rate of ₹187 per kg the shopkeeper earns 10% profit. In what respective ratio does the grocery seller mix the two varieties of tea?

- Ans
- ☐ 1. 13 : 3
 - ☐ 2. 2 : 13
 - ☒ 3. 1 : 13
 - ☐ 4. 13 : 2

Q.12 If $A : B = 7 : 9$ and $B : C = 5 : 6$, Find the ratio of C and A respectively.

- Ans
- ☒ 1. 54 : 35
 - ☐ 2. 35 : 54
 - ☐ 3. 15 : 14
 - ☐ 4. 14 : 15

Q.13 Study the given table and answer the question that follows.
The table shows the number of voters in four different villages P, Q, R, S.

Villages	Total number of registered voters	Percentage of people who voted (Out of the total number of registered voters)
P	1100	68
Q	1450	62
R	1200	73
S	1124	87

The number of people who did not vote in village P is what percentage more than that who did not vote in village R?

- Ans
- ☐ 1. $9\frac{52}{81}\%$
 - ☐ 2. $6\frac{52}{81}\%$
 - ☐ 3. $7\frac{52}{81}\%$
 - ☒ 4. $8\frac{52}{81}\%$

Q.14 Find the compound interest (Compounded annually) on ₹2,000 for $2\frac{1}{2}$ years at 10% per annum.

- Ans
- ☐ 1. ₹ 561
 - ☐ 2. ₹ 521
 - ☐ 3. ₹ 500
 - ☒ 4. ₹ 541

Q.15 A solid piece of metal, cuboidal in shape, with dimensions 12 cm, 9 cm and 2 cm is recast into a cube. What is the lateral surface area (in cm^2) of the cube?

- Ans
- ☐ 1. 162
 - ☐ 2. 216
 - ☒ 3. 144
 - ☐ 4. 204

Q.16 20 men can complete a piece of work in 40 days, and 40 women can do the same work in 60 days. If 10 men and 20 women work together, then in how many days will the work be completed?

- Ans
- ☐ 1. 50
 - ☐ 2. 60
 - ☐ 3. 40
 - ☒ 4. 48

Q.17 Which of the following expressions has value equal to 0?

- Ans
- ☒ 1. $(2 \times 3 - 5 + (1 + 2(3 - 2 \times 2)))$
 - ☐ 2. $(2 \times 3 - 5 - (1 - 2(3 - 2 \times 2)))$
 - ☐ 3. $(2 \times 3 - 5 - (1 + 2(3 - 2 \times 2)))$
 - ☐ 4. $(2 \times 3 + 5 - (1 - 2(3 - 2 \times 2)))$

Q.18 Yug covers a certain distance with a speed of 56 km/h in $\frac{3}{2}$ hours. If he wants to cover the same distance in 7 hours, what would be his speed (in km/h)?

- Ans
- ☒ 1. 12
 - ☐ 2. 14
 - ☐ 3. 20
 - ☐ 4. 16

Q.19 The least common multiple (LCM) of p and q is r . The LCM of p^2q and pq^2 is _____.

- Ans
- ☐ 1. pqr^3
 - ☒ 2. pqr
 - ☐ 3. pq
 - ☐ 4. pqr^2

Q.20 Two numbers are in the ratio of 6 : 7. If the difference between these numbers is 16, then find the numbers.

- Ans
- ☐ 1. 104, 120
 - ☐ 2. 80, 96
 - ☒ 3. 96, 112
 - ☐ 4. 120, 136

Q.1 Select the combination of letters that when sequentially placed in the blanks of the given series will make it logically complete,

KC_OK_PO_YSOKWV_ K_YO

- Ans**
- ☒ 1. MAKOU
 - ☐ 2. KJNVL
 - ☐ 3. LJMST
 - ☐ 4. MDHTV

Q.2 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 crows are sparrows. Some sparrows are parrots. All parrots are yellow.

Conclusion I: Some crows are parrots.

Conclusion II: Some yellow are parrots.

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

Q.3 What should come in place of '?' in the given series?

13 52 169 520 1573 ?

- Ans**
- ☒ 1. 4732
 - ☐ 2. 4781
 - ☐ 3. 4863
 - ☐ 4. 4895

Q.4 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Extol : Praise

- Ans**
- ☐ 1. Instruct : Learn
 - ☐ 2. Fascinate : Repulse
 - ☐ 3. Embellish : Refresh
 - ☒ 4. Regale : Entertain

Q.5 The position of how many letters will remain unchanged if each of the letter in the word 'CATEGORY' is arranged in alphabetical order?

- Ans**
- ☐ 1. Three
 - ☐ 2. None
 - ☐ 3. Two
 - ☒ 4. One

Q.6 In a certain code language, 'YJM' is coded as '26-11-14' and 'SOP' is coded as '20-16-17'. What is the code for 'BTX' in the given code language?

- Ans**
- ☐ 1. 5-22-24
 - ☐ 2. 5-23-25
 - ☐ 3. 4-22-24
 - ☒ 4. 3-21-25

Q.7 What should come in place of '?' in the given series?

3 20 54 ? 258 530 1074

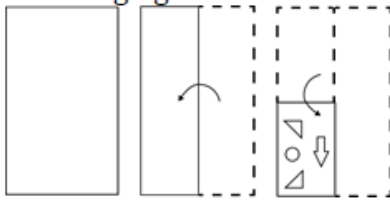
- Ans**
- ☒ 1. 122
 - ☐ 2. 118
 - ☐ 3. 124
 - ☐ 4. 128

Q.8 What should come in place of ? in the given series?

978 967 956 945 934 ?

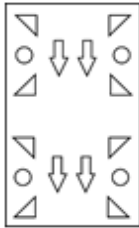
- Ans**
- ☐ 1. 924
 - ☒ 2. 923
 - ☐ 3. 922
 - ☐ 4. 921

Q.9 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?

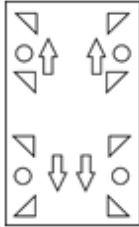


Ans

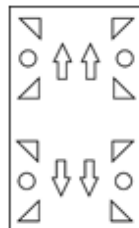
✗ 1.



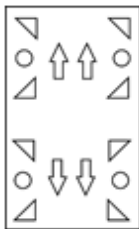
✗ 2.



✓ 3.



✗ 4.



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

ETM, AWO, WZQ, SCS, ?

Ans ✗ 1. MEV

✓ 2. OFU

✗ 3. NFV

✗ 4. MEU

Q.11 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

R _ _ RT _ R _ R _ TR

Ans ✓ 1. TRRTR

✗ 2. RTRRT

✗ 3. TTTRR

✗ 4. RTTTR

- Q.12** J, K, P, Q, R and M are sitting around a circular table facing the centre.
J is sitting to the immediate left of M. R is sitting 2nd to the left of J. K is sitting 3rd to the right of J. P sits to the immediate right of R.
Who sits 2nd to the left of K?
- Ans** ☐ 1. P
☐ 2. Q
☐ 3. R
☒ 4. M

- Q.13** If G means '-', D means '×', A means '+', B means '+', then what will come in place of the question mark (?) in the following equation?
19 D 6 B 34 A 2 G 27 = ?
- Ans** ☐ 1. 65
☒ 2. 104
☐ 3. 83
☐ 4. 126

- Q.14** 2 is related to 40 following a certain logic. Following the same logic, 5 is related to 250. To which of the following is 7 related to, following the same logic?
- Ans** ☐ 1. 470
☐ 2. 450
☐ 3. 400
☒ 4. 490

- 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 actors are girls. All the girls are beautiful.

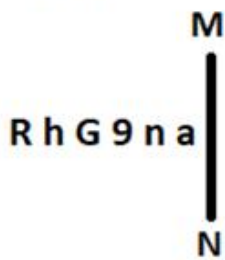
Conclusions:

(I) All the actors are beautiful.

(II) Some girls are actors.

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

Q.16 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. **s u e G h R**
 - ☒ 2. **a u e G h R**
 - ☒ 3. **a u e G h R**
 - ☒ 4. **s n e G h R**

Q.17 In a certain code language, 'LIAR' is coded as '5148' and 'REAL' is coded as '1582'. What is the code for 'E' in the given code language?

- Ans
- ☒ 1. 5
 - ☒ 2. 8
 - ☒ 3. 2
 - ☒ 4. 1

Q.18 What will come in place of '?' in the following equation, if '+' and '×' are interchanged and '-' and '÷' are interchanged?

$$18 - 9 \div 4 \times 3 + 5 = ?$$

- Ans
- ☒ 1. 13
 - ☒ 2. 18
 - ☒ 3. 19
 - ☒ 4. 17

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 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)

65, 74

87, 96

- Ans
- ☒ 1. 81, 156
 - ☒ 2. 92, 101
 - ☒ 3. 63, 157
 - ☒ 4. 75, 123

Q.20 Which figure should replace the question mark (?) if the following figure series were to be continued?

P	E	8	↑	8	3	3	8	↑	E	↑	⤿	
	⤿			P			□			3		?
↑	A	3	⤿	E	A	E	A	⤿	□	8	A	

Ans

✓ 1.

⤿	↑	E
	L	
8	A	□

✗ 2.

⤿	E	↑
	□	
8	A	3

✗ 3.

⤿	E	↑
	L	
8	A	□

✗ 4.

⤿	↑	E
	□	
8	A	3

Section : General Awareness

Q.1 In which state is Gobind Sagar (Bhakra Nangal Project) located?

- Ans
- ✗ 1. Rajasthan
 - ✓ 2. Himachal Pradesh
 - ✗ 3. Gujarat
 - ✗ 4. Punjab

Q.2 What is a fiscal year?

- Ans
- ✗ 1. A year with a surplus in government revenue
 - ✗ 2. A year with a deficit in government revenue
 - ✗ 3. A year in which tax rates are increased
 - ✓ 4. A year that represents the financial reporting period for the government

Q.3 The Gua and Noamundi mines are located in with state of India?

- Ans
- ✗ 1. Rajasthan
 - ✗ 2. Haryana
 - ✗ 3. Assam
 - ✓ 4. Jharkhand

Q.4 The Constitution (Scheduled Castes and Scheduled Tribes) Order (Second Amendment) Bill, 2022, was passed in December 2022 and is related to which state?

- Ans**
- ☐ 1. Uttarakhand
 - ☒ 2. Uttar Pradesh
 - ☐ 3. Karnataka
 - ☐ 4. Bihar

Q.5 Which is the oldest Stupa of the Buddhist Period?

- Ans**
- ☐ 1. Dhamek Stupa
 - ☐ 2. Mahabodhi Stupa
 - ☐ 3. Kesariya Stupa
 - ☒ 4. Sanchi Stupa

Q.6 Which of the following is a dimension of microfinance institutions (MFIs) in India?

- Ans**
- ☒ 1. Outreach to rural areas
 - ☐ 2. Availability of credit cards
 - ☐ 3. Loan interest rates
 - ☐ 4. Investment in the stock market

Q.7 Buddha Purnima is marked on a full moon day in the Hindu month of _____.

- Ans**
- ☒ 1. Vaisakh
 - ☐ 2. Ashadha
 - ☐ 3. Jyaistha
 - ☐ 4. Bhadra

Q.8 Who started the temple entry movement in 1927?

- Ans**
- ☐ 1. Mahadev Govind Ranade
 - ☐ 2. Mahatma Gandhi
 - ☒ 3. Bhimrao Ambedkar
 - ☐ 4. Annie Besant

Q.9 Which soft metal in group 1 of the periodic table tarnishes within a few seconds of exposure to air?

- Ans**
- ☒ 1. Sodium
 - ☐ 2. Barium
 - ☐ 3. Francium
 - ☐ 4. Strontium

Q.10 The 'Ka Shad Mastieh' or victory dance of the _____ tribe of Meghalaya is an ancient war dance performed during the prominent festival of the tribe.

- Ans**
- ☐ 1. War
 - ☒ 2. Khasi
 - ☐ 3. Bhoi
 - ☐ 4. Jaintia

Q.11 Which of the following is the official language of Afghanistan?

- Ans**
- ☐ 1. Sinhala
 - ☐ 2. Dzongkha
 - ☐ 3. Burmese
 - ☒ 4. Dari

Q.12 Birsa Munda hockey stadium is one of the India's largest hockey stadium. In which state is this stadium situated?

- Ans**
- ☐ 1. Chhattisgarh
 - ☐ 2. Bihar
 - ☐ 3. Madhya Pradesh
 - ☒ 4. Odisha

Q.13 Which dance form is associated with Natwari Dance?

- Ans**
- ☒ 1. Kathak
 - ☐ 2. Kathakali
 - ☐ 3. Kuchipudi
 - ☐ 4. Odissi

Q.14 'Untouchable' is a novel written by:

- Ans**
- ☐ 1. RC Majumdar
 - ☐ 2. Bankim Chandra Chattopadhyay
 - ☐ 3. Premchand
 - ☒ 4. Mulk Raj Anand

Q.15 Identify the Kuchipudi dancer from following, who was awarded with 'Padma Shri' in the year 2022.

- Ans**
- ☒ 1. Padmaja Reddy
 - ☐ 2. Vidyanand Sarek
 - ☐ 3. KV Rabiya
 - ☐ 4. Dr. Veeraswamy Seshiah

Q.16 What is the weight of the ball in handball for men?

- Ans**
- ☐ 1. 525 to 575 gm
 - ☐ 2. 225 to 275 gm
 - ☒ 3. 425 to 475 gm
 - ☐ 4. 325 to 375 gm

Q.17 The directive principles are largely classified into three broad categories. Which of the following is NOT the part of this classification?

- Ans**
- ☐ 1. Liberal
 - ☐ 2. Gandhian
 - ☐ 3. Socialistic
 - ☒ 4. Authoritative

Q.18 Which of the following countries did India defeat to clinch its maiden Women's Junior Hockey Asia Cup title?

- Ans**
- ☐ 1. Malaysia
 - ☐ 2. Japan
 - ☐ 3. Chinese Taipei
 - ☒ 4. South Korea

Q.19 Shambhu Maharaj was a renowned guru of which of the following Gharanas of Kathak?

- Ans**
- ☐ 1. Raigarh
 - ☐ 2. Banaras
 - ☐ 3. Jaipur
 - ☒ 4. Lucknow

Q.20 The third battle of Panipat was fought in which of the following years?

- Ans**
- ☐ 1. 1751
 - ☐ 2. 1707
 - ☐ 3. 1786
 - ☒ 4. 1761

Q.21 Which vitamin is needed for a healthy immune system, low-light vision, and healthy skin?

- Ans**
- ☐ 1. Vitamin B2
 - ☐ 2. Vitamin K
 - ☒ 3. Vitamin A
 - ☐ 4. Vitamin B9

Q.22 Who conducts elections for both the houses of Parliament in India?

- Ans**
- ☐ 1. President
 - ☐ 2. Prime Minister
 - ☐ 3. Ministry of Parliamentary Affairs
 - ☒ 4. Election Commission

Q.23 The Arabian Sea is an extension of which of the following oceans?

- Ans**
- ☐ 1. Southern Ocean
 - ☒ 2. Indian ocean
 - ☐ 3. Pacific Ocean
 - ☐ 4. Arctic Ocean

Q.24 Who among the following is the author of the book 'Sita: An Illustrated Retelling of the Ramayana'?

- Ans**
- ☐ 1. Durjoy Datta
 - ☐ 2. Ravinder Singh
 - ☒ 3. Devdutt Pattanaik
 - ☐ 4. Amish Tripathi

Q.25 Pandit Ravi Shankar is known worldwide for playing which of the following musical instruments?

- Ans**
- ☐ 1. Sarod
 - ☐ 2. Been
 - ☐ 3. Mohan Veena
 - ☒ 4. Sitar

Section : **English Language and Comprehension**

Q.1 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Despite the setbacks and obstacles we faced, / our team rallied together and achieved our goals, / which teach us the importance of / teamwork, resilience, and determination.

- Ans**
- ☐ 1. Despite the setbacks and obstacles we faced,
 - ☐ 2. teamwork, resilience, and determination
 - ☒ 3. which teach us the importance of
 - ☐ 4. our team rallied together and achieved our goals,

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.

They would find someone drive the wagon back across the desert.

- Ans**
- ☐ 1. to drive
 - ☐ 2. in drive in the
 - ☒ 3. to drive the
 - ☐ 4. in driving

Q.3 Select the most appropriate option to fill in the blank.
He is _____ of many chain snatching cases in Dariyaganj.

- Ans**
- ☐ 1. akused
 - ☐ 2. ackused
 - ☒ 3. accused
 - ☐ 4. acxused

Q.4 Select the most appropriate meaning of the given idiom.
Barking up the wrong tree

- Ans**
-  1. Provoke trouble
 -  2. Getting a good start is important
 -  3. To be mistaken, to be looking for solutions in the wrong place
 -  4. To make a bad situation worse

Q.5 The given sentence contains an error. Select the option that correctly rectifies the error.
That career competition was the difficultest exam he had ever given.

- Ans**
-  1. That career competition was the most difficultest exam he had ever given.
 -  2. That career competition was the most difficult exam he had ever given.
 -  3. That career competition was the most difficult exam than any he had ever given.
 -  4. That career competition was the difficultest exam than any he had ever given.

Q.6 Select the option that can be used as a one-word substitute for the given group of words.
Study of sound and sound waves

- Ans**
-  1. Botany
 -  2. Demography
 -  3. Physics
 -  4. Acoustics

Q.7 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The intrepid group of adventurers climbed the mountain despite of bad weather and road closures.

- Ans**
-  1. despite
 -  2. in spite
 -  3. in view of
 -  4. due to

Q.8 Select the most appropriate idiom for the following sentence.
Shweta organises the sale of handmade pottery at a cheap rate.

- Ans**
-  1. Making a fuss out of something
 -  2. Having one's cake and eating it too
 -  3. Go for a song
 -  4. Hush money

Q.9 Select the most appropriate ANTONYM of the given word.
Guilty

- Ans**
-  1. Criminal
 -  2. Innocent
 -  3. Responsible
 -  4. Patient

Q.10 Select the most appropriate synonym of the given word.
Obsession

- Ans**
-  1. Fascination
 -  2. Sympathy
 -  3. Discrimination
 -  4. Unconcern

Q.11 Select the most appropriate idiom to fill in the blank.
The play I saw last night was a _____.

- Ans**
-  1. hit the hay
 -  2. hit the roof
 -  3. hit the road
 -  4. smash hit

Q.12 Select the most appropriate option to fill in the blank.
The students of class 7 gave their teacher a gift, which was _____ to her.

- Ans
- ☐ 1. revealing
 - ☒ 2. surprising
 - ☐ 3. confusing
 - ☐ 4. shocking

Q.13 Identify the INCORRECTLY spelt word in the following sentence and select its correct spelling from the given options.
The colours of the rainbow seemed to shine through the triangular prism as the sun hit the object.

- Ans
- ☐ 1. son
 - ☒ 2. triangular
 - ☐ 3. rainbouw
 - ☐ 4. object

Q.14 Select the most appropriate idiom to fill in the blank.
Rajat is known for his notorious nature. He will be friendly to your face but likes _____.

- Ans
- ☐ 1. to get all bent out of the shape
 - ☒ 2. to stab you in the back
 - ☐ 3. to paint the whole town red
 - ☐ 4. to blow his trumpet

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The ball / I kicked / went highly / in the sky.

- Ans
- ☐ 1. The ball
 - ☐ 2. I kicked
 - ☒ 3. went highly
 - ☐ 4. in the sky

Q.16 Select the option that can be used as a one-word substitute for the given group of words.
A creature which depends on others

- Ans
- ☐ 1. Virus
 - ☐ 2. Bacteria
 - ☒ 3. Parasite
 - ☐ 4. Microbes

Q.17 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The airplane flowed over the mountains, offering the passengers a breath-taking view of the majestic peaks below.

- Ans
- ☐ 1. flowed beyond
 - ☐ 2. flew beyond
 - ☐ 3. flowed above
 - ☒ 4. flew over

Q.18 Select the most appropriate ANTONYM of the given word.
Ecstasy

- Ans
- ☒ 1. Despair
 - ☐ 2. Natural
 - ☐ 3. Coarse
 - ☐ 4. Euphoria

Q.19 The following sentence has been split into four segments. Identify the segment that contains a grammatical error and select the option which rectifies that error.

A lot of adulterants / are chemicals that can lead / to an range of health problems / in both children and adults.

- Ans
- ☒ 1. to a range of health problems
 - ☐ 2. are chemical that can lead
 - ☐ 3. A lot of adulterant
 - ☐ 4. in both children and adult.

Q.20 Select the option that correctly rectifies the spelling error that is underlined.
The questionnaire used by the researcher was of top quality.

- Ans**
- ☒ 1. questionnaire
 - ☒ 2. quesstionnaire
 - ☒ 3. questionnairre
 - ☒ 4. questionnaire

Comprehension:

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 a boy, I was always exploring lonely places—neglected gardens and orchards, unoccupied houses, patches of scrub or wasteland, the fields outside the town, the fringes of the forest. On one of my rambles (1)_____ the bungalow, I pushed my way through a thicket oflantana bushes and stumbled over a thick stone slab, twisting my ankle slightly as I fell. For some time, I sat on the grass massaging my foot. When the pain eased, I looked more (2)_____ at the stone slab and was surprised to find that it was a gravestone. It was almost entirely covered by ivy; obviously no one had been near it for years. I tugged at the ivy and some of it came away in my hands. There was some (3)_____ lettering on the grave, half-obscured by grass and moss. I could make out a name—Rose—but little more. I sat there for some time, (4)_____ over my discovery. I was wondering why ‘Rose’ should have been buried at so lonely a spot when there was a (5)_____ not far away.

SubQuestion No : 21

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

- Ans**
- ☒ 1. by dint of
 - ☒ 2. before
 - ☒ 3. behind
 - ☒ 4. 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.

As a boy, I was always exploring lonely places—neglected gardens and orchards, unoccupied houses, patches of scrub or wasteland, the fields outside the town, the fringes of the forest. On one of my rambles (1)_____ the bungalow, I pushed my way through a thicket oflantana bushes and stumbled over a thick stone slab, twisting my ankle slightly as I fell. For some time, I sat on the grass massaging my foot. When the pain eased, I looked more (2)_____ at the stone slab and was surprised to find that it was a gravestone. It was almost entirely covered by ivy; obviously no one had been near it for years. I tugged at the ivy and some of it came away in my hands. There was some (3)_____ lettering on the grave, half-obscured by grass and moss. I could make out a name—Rose—but little more. I sat there for some time, (4)_____ over my discovery. I was wondering why ‘Rose’ should have been buried at so lonely a spot when there was a (5)_____ not far away.

SubQuestion No : 22

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

- Ans**
- ☒ 1. closely
 - ☒ 2. emptily
 - ☒ 3. frankly
 - ☒ 4. lawfully

Comprehension:

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 a boy, I was always exploring lonely places—neglected gardens and orchards, unoccupied houses, patches of scrub or wasteland, the fields outside the town, the fringes of the forest. On one of my rambles (1)_____ the bungalow, I pushed my way through a thicket oflantana bushes and stumbled over a thick stone slab, twisting my ankle slightly as I fell. For some time, I sat on the grass massaging my foot. When the pain eased, I looked more (2)_____ at the stone slab and was surprised to find that it was a gravestone. It was almost entirely covered by ivy; obviously no one had been near it for years. I tugged at the ivy and some of it came away in my hands. There was some (3)_____ lettering on the grave, half-obscured by grass and moss. I could make out a name—Rose—but little more. I sat there for some time, (4)_____ over my discovery. I was wondering why ‘Rose’ should have been buried at so lonely a spot when there was a (5)_____ not far away.

SubQuestion No : 23

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

- Ans**
- ☒ 1. blurred
 - ☒ 2. idiotic
 - ☒ 3. nomadic
 - ☒ 4. sturdy

Comprehension:

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 a boy, I was always exploring lonely places—neglected gardens and orchards, unoccupied houses, patches of scrub or wasteland, the fields outside the town, the fringes of the forest. On one of my rambles (1)_____ the bungalow, I pushed my way through a thicket of lantana bushes and stumbled over a thick stone slab, twisting my ankle slightly as I fell. For some time, I sat on the grass massaging my foot. When the pain eased, I looked more (2)_____ at the stone slab and was surprised to find that it was a gravestone. It was almost entirely covered by ivy; obviously no one had been near it for years. I tugged at the ivy and some of it came away in my hands. There was some (3)_____ lettering on the grave, half-obsured by grass and moss. I could make out a name—Rose—but little more. I sat there for some time, (4)_____ over my discovery. I was wondering why 'Rose' should have been buried at so lonely a spot when there was a (5)_____ not far away.

SubQuestion No : 24

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

- Ans**
- ☒ 1. pulling
 - ☒ 2. pondering
 - ☒ 3. being
 - ☒ 4. sleeping

Comprehension:

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 a boy, I was always exploring lonely places—neglected gardens and orchards, unoccupied houses, patches of scrub or wasteland, the fields outside the town, the fringes of the forest. On one of my rambles (1)_____ the bungalow, I pushed my way through a thicket of lantana bushes and stumbled over a thick stone slab, twisting my ankle slightly as I fell. For some time, I sat on the grass massaging my foot. When the pain eased, I looked more (2)_____ at the stone slab and was surprised to find that it was a gravestone. It was almost entirely covered by ivy; obviously no one had been near it for years. I tugged at the ivy and some of it came away in my hands. There was some (3)_____ lettering on the grave, half-obsured by grass and moss. I could make out a name—Rose—but little more. I sat there for some time, (4)_____ over my discovery. I was wondering why 'Rose' should have been buried at so lonely a spot when there was a (5)_____ not far away.

SubQuestion No : 25

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

- Ans**
- ☒ 1. dormitory
 - ☒ 2. kennel
 - ☒ 3. sanctuary
 - ☒ 4. cemetery

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	04/09/2023
Exam Time	4:00 PM - 6:00 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 A store sells an item for ₹500, making a profit of 25%. Later, the store reduces the price of the item by 20% to clear out old inventory. What is the new percentage profit or loss for the store?

- Ans**
- ☒ 1. No profit, no loss
 - ☐ 2. 5% profit
 - ☐ 3. 2% profit
 - ☐ 4. 5% loss

Q.2 A cyclist travels 15 km at a speed of 10 km/h and then travels another 15 km at a speed of 20 km/h. What is the average speed of the cyclist for the entire journey? (round to two places of decimals)

- Ans**
- ☒ 1. 13.33 km/h
 - ☐ 2. 13.74 km/h
 - ☐ 3. 12.72 km/h
 - ☐ 4. 12.32km/h

Q.3 Simplify the given expression.

$$71 - (-3)\{-2 - (\overline{8 - 3})\} + 3\{5 + (-2)(-1)\}$$

- Ans**
- ☐ 1. 50
 - ☐ 2. 119
 - ☐ 3. 30
 - ☒ 4. 71

Q.4 The average height of 25 boys was calculated to be 150 cm. It was detected later that one value of 160 cm was wrongly copied as 135 cm for the computation of the mean. Find the correct mean height (in cm).

- Ans**
- ☐ 1. 158
 - ☐ 2. 154
 - ☐ 3. 152
 - ☒ 4. 151

Q.5 A woman jogged every month in 2022 as per the given table. Study the table and answer the question that follows.

Month	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Distance jogged (in km)	90	60	30	30	30	60	60	90	30	60	90	30

What is the mean distance jogged by the woman in the year 2022?

- Ans
- ☐ 1. 50 km
 - ☐ 2. 60 km
 - ☒ 3. 55 km
 - ☐ 4. 52.5 km

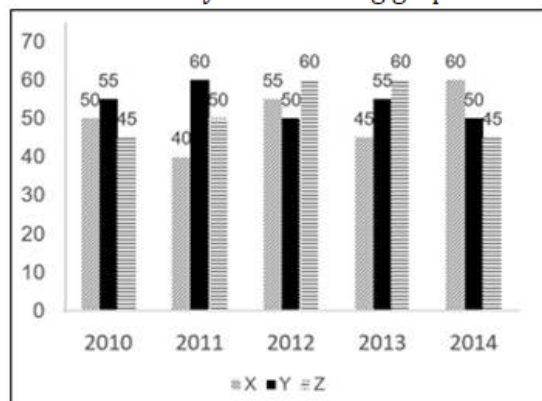
Q.6 During the first year, the population of a town increased by 10% and during the next year, the population decreased by 10%. If the total population of the town was 19,800 at the end of the second year, find the population size at the beginning of the first year.

- Ans
- ☐ 1. 21,000
 - ☐ 2. 20,800
 - ☐ 3. 21,800
 - ☒ 4. 20,000

Q.7 The area of a trapezium is 180 cm^2 and two parallel sides are 28 cm and 12 cm. The distance between these parallel sides is:

- Ans
- ☐ 1. 18 cm
 - ☐ 2. 15 cm
 - ☐ 3. 12 cm
 - ☒ 4. 9 cm

Q.8 The graph shows the production of tyres (in Lakhs) by three different companies X, Y, and Z over the years. Directions: Study the following graph carefully to answer the question given below it.



The total production of company Z in 2012 and 2013 is what percentage of the total production of company X in 2010 and 2011?

- Ans
- ☒ 1. 133.3%
 - ☐ 2. 75%
 - ☐ 3. 126.3%
 - ☐ 4. 111.1%

Q.9 If P can finish a job in 3 hours and Q can finish the same job in 6 hours independently, then they together will finish the job in x minutes. Find the value of x .

- Ans**
- ☐ 1. 160
 - ☐ 2. 150
 - ☒ 3. 120
 - ☐ 4. 100

Q.10 The difference between the compound interest (Compounded annually) and simple interest for an amount of ₹85,000 in 2 years is ₹850. Find the rate of interest per annum.

- Ans**
- ☐ 1. 5%
 - ☐ 2. 8%
 - ☐ 3. 12%
 - ☒ 4. 10%

Q.11 Two trains 120 metres and 150 metres long, respectively, are running in the same direction with speeds of 70 km/h and 52 km/h, respectively. In how much time will the first train cross the second? (in seconds)

- Ans**
- ☐ 1. 48
 - ☒ 2. 54
 - ☐ 3. 60
 - ☐ 4. 52

Q.12 Find the mean proportional between 0.08 and 0.32.

- Ans**
- ☐ 1. 0.016
 - ☐ 2. 16
 - ☒ 3. 0.16
 - ☐ 4. 1.6

Q.13 ₹3,600 is divided such that half of the first part, one-third of the second part and one-fifth of the third part are the same. The value of the third part is:

- Ans**
- ☐ 1. 1000
 - ☐ 2. 2400
 - ☐ 3. 1080
 - ☒ 4. 1800

Q.14 Susanth purchased 3 packs of oil at the rate of ₹20 each, 4 packs of oil at ₹21 each and 3 packs of oil at the rate of ₹22 each. What is the average cost of one pack of oil?

- Ans**
- ☐ 1. ₹20
 - ☐ 2. ₹21.5
 - ☐ 3. ₹20.5
 - ☒ 4. ₹21

Q.15 Water is pouring into a cuboidal reservoir at the rate of 50 litres per minute. The volume of the reservoir is 120 m^3 . How many hours will it take to fill the reservoir?

- Ans**
- ☒ 1. 40
 - ☐ 2. 30
 - ☐ 3. 45
 - ☐ 4. 35

Q.16 A boatman goes 6 km against the current of the stream in 2 hours and goes 1.5 km along the current in 7.5 minutes. How long will (in hours) it take to go 30 km in still water?

- Ans**
- ☐ 1. 3.0
 - ☐ 2. 2.5
 - ☐ 3. 3.5
 - ☒ 4. 4.0

Q.17 The marked price of mustard oil is 10% more than its cost price. At what percentage less than the marked price should it be sold to have no profit and no loss?

- Ans**
- ☒ 1. $9\frac{1}{11}\%$
 - ☐ 2. $9\frac{2}{11}\%$
 - ☐ 3. $9\frac{3}{11}\%$
 - ☐ 4. $9\frac{4}{11}\%$

Q.18 A man can finish a work in 12 days and a woman can finish the same in 10 days. 2 men and 3 women work on alternate days and men start the first day. The work will be finished in _____ days.

- Ans**
- ☐ 1. $\frac{24}{5}$
 - ☐ 2. $\frac{22}{3}$
 - ☒ 3. $\frac{22}{5}$
 - ☐ 4. $\frac{21}{5}$

Q.19 What is the largest number that divides 627, 15630 and 3128 and leaves remainders of 2, 5 and 3, respectively?

- Ans**
- ☒ 1. 625
 - ☐ 2. 1225
 - ☐ 3. 775
 - ☐ 4. 650

Q.20 The ratio of principal and amount is 5 : 6 for one year. Find the rate of simple interest per annum?

- Ans**
- ☐ 1. 10%
 - ☒ 2. 20%
 - ☐ 3. 11%
 - ☐ 4. 15%

Q.1 13 is related to 174 following a certain logic. Following the same logic, 15 is related to 230. To which of the following is 17 related to, following the same logic?

- Ans**
- ☐ 1. 291
 - ☐ 2. 292
 - ☒ 3. 294
 - ☐ 4. 293

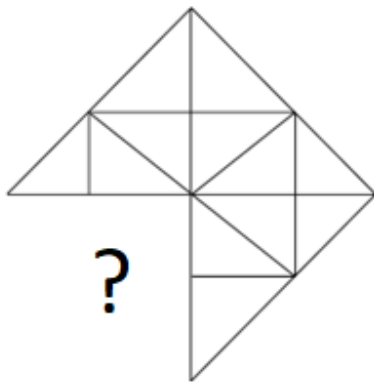
Q.2 DK 18 is related to EM 22 in a certain way. In the same way, ME 25 is related to NG 29. To which of the following is UL 14 related to following the same logic?

- Ans**
- ☐ 1. XO 17
 - ☐ 2. VM 19
 - ☐ 3. WN 18
 - ☒ 4. VN 18

Q.3 In a certain code language, 'GLOAT' is coded as 'EJMYR' and 'INCUR' is coded as 'GLASP'. What is the code for 'PANDA' in the given code language?

- Ans**
- ☐ 1. NXNBY
 - ☒ 2. NYLBY
 - ☐ 3. MZMCZ
 - ☐ 4. MYMCX

Q.4 Identify the figure that completes the pattern (rotation is NOT allowed).

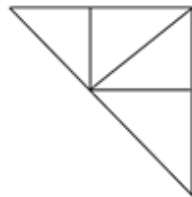


Ans

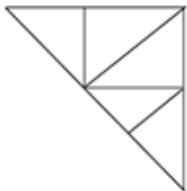
✗ 1.



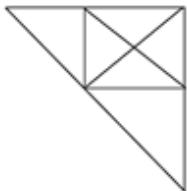
✓ 2.



✗ 3.



✗ 4.



Q.5 What should come in place of '?' in the given series?

2 24 ? 948 5700 34212 205284

Ans ✓ 1. 156

✗ 2. 136

✗ 3. 119

✗ 4. 184

Q.6 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

EFS_ JK_M OPSR _US_ YZ_B

Ans ✓ 1. HSTWS

✗ 2. JTBWS

✗ 3. HTBSW

✗ 4. JSTBW

Q.7 If 7th May 2000 is Sunday, then what will be the day of the week on 15th July 2010?

- Ans
- ☐ 1. Friday
 - ☐ 2. Sunday
 - ☒ 3. Thursday
 - ☐ 4. Monday

Q.8 What should come in place of '?' in the given series?

10 52 262 1312 6562 ?

- Ans
- ☒ 1. 32812
 - ☐ 2. 31458
 - ☐ 3. 31726
 - ☐ 4. 32954

Q.9 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

A_BY CZ_Y _ZFY GZH_ IZ_Y

- Ans
- ☐ 1. ZJDBV
 - ☒ 2. ZDEYJ
 - ☐ 3. BHDKU
 - ☐ 4. HCJNR

Q.10 In a certain code language, 'MINT' is coded as '4735' and 'TIME' is coded as '5483'. What is the code for 'E' in the given code language?

- Ans
- ☐ 1. 3
 - ☒ 2. 8
 - ☐ 3. 5
 - ☐ 4. 4

Q.11 Which figure should replace the question mark (?) if the following figure series were to be continued?

V =	3 △	V 3	0 △	
0	=	C	3	?
△ 3	0 V	△ 0	C V	

Ans

✗ 1.

C	0
I	
V	△

✗ 2.

V	C
0	
△	3

✗ 3.

0	C
3	
△	V

✓ 4.

V	0
I	
△	C

Q.12 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: Some glass are pink. All pink are bags. Some bags are flowers.

Conclusion I: Some pink are glass.

Conclusion II: Some flowers are bags.

Ans

- ✗ 1. Neither conclusion (I) nor (II) is follow.
- ✗ 2. Only conclusion (I) is follow.
- ✗ 3. Only conclusion (II) is follow.
- ✓ 4. Both conclusions (I) and (II) are follow.

- Q.13 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
 $147 \times 7 \div 8 + 32 - 6 = ?$
- Ans
- ☒ 1. 132
 - ☒ 2. 152
 - ☒ 3. 142
 - ☒ 4. 122

- Q.14 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: Some doughnuts are rocks. All rocks are papers. Some papers are oil.
- Conclusion I: Some doughnuts are papers.
- Conclusion II: Some rocks are oil.
- Ans
- ☒ 1. Neither conclusion (I) nor (II) is follow.
 - ☒ 2. Only conclusion (II) is follow.
 - ☒ 3. Only conclusion (I) is follow.
 - ☒ 4. Both conclusions (I) and (II) are follow.

- Q.15 What should come in place of '?' in the given series?

37 325 2917 ? 236197 2125765 19131877

- Ans
- ☒ 1. 26245
 - ☒ 2. 28741
 - ☒ 3. 28953
 - ☒ 4. 27894

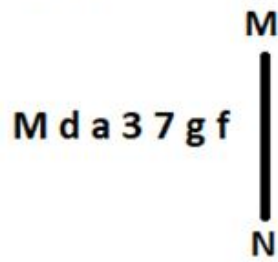
- Q.16 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / subtracting / multiplying 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)
- (4, 55, 7)
(2, 35, 5)
- Ans
- ☒ 1. 12, 346, 9
 - ☒ 2. 19, 122, 8
 - ☒ 3. 32, 175, 3
 - ☒ 4. 41, 156, 7

- Q.17 What should come in place of ? in the given series based on the English alphabetical order?

DQK, CPJ, BOI, ANH, ?

- Ans
- ☒ 1. ZMG
 - ☒ 2. YLF
 - ☒ 3. YNF
 - ☒ 4. XMF

Q.18 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ✓ 1. $\text{f g } \nabla \text{ } \varepsilon \text{ } \mathfrak{s} \text{ } \mathfrak{b} \text{ } \text{M}$
 - ✗ 2. $\text{g f } \nabla \text{ } 3 \text{ } \mathfrak{s} \text{ } \text{P M}$
 - ✗ 3. $\text{f g } \angle \text{ } \varepsilon \text{ } \text{a b M}$
 - ✗ 4. $\text{f g } \nabla \text{ } \varepsilon \text{ } \mathfrak{s} \text{ } \text{b W}$

Q.19 What will come in place of '?' in the following equation, if '+' and '×' are interchanged and '-' and '÷' are interchanged?

$$1 \times 1 - 1 \div 1 + 1 = ?$$

- Ans
- ✗ 1. 10
 - ✓ 2. 1
 - ✗ 3. 21
 - ✗ 4. 11

Q.20 Q, R, S, T, U, V, W and X are sitting around a square table facing the center of the table. Some of them are sitting at the corners while some are sitting at the exact center of the sides. X sits second to the left of W. W sits in one of the corners. V is the immediate neighbour of T and U. R sits third to the left of T. U does not sit in one of the corners. U is neither the neighbour of X nor W. Q is not the neighbour of X.

How many people sit between S and V, when counted from the left of S?

- Ans
- ✗ 1. One
 - ✗ 2. Four
 - ✗ 3. Three
 - ✓ 4. Two

Section : General Awareness

Q.1 Which of the following is an autobiography of the famous cricketer Sourav Ganguly?

- Ans
- ✗ 1. The Dream of Revolution
 - ✗ 2. A Shot at History
 - ✗ 3. Memories of My Life and Times
 - ✓ 4. A Century is not enough

Q.2 What is a dimension related to the sustainability of microfinance institutions in India?

- Ans
- ✗ 1. Limited social impact
 - ✗ 2. High-profit margins
 - ✗ 3. Excessive interest rates
 - ✓ 4. Dependency on donor funding

Q.3 Which Indian musician personality's native place is West Bengal?

- Ans**
- ☒ 1. Bappi Lahiri
 - ☐ 2. OP Nayyar
 - ☐ 3. Naushad
 - ☐ 4. Ilayaraja

Q.4 Which African leader wrote the autobiography ' Long Walk to Freedom'?

- Ans**
- ☐ 1. Desmond Tutu
 - ☐ 2. Muammar Gaddafi
 - ☒ 3. Nelson Mandela
 - ☐ 4. Robert Mugabe

Q.5 Narendra Modi Cricket Stadium is one of the premier stadiums in India located at _____.

- Ans**
- ☐ 1. Surat
 - ☐ 2. Baroda
 - ☒ 3. Ahmedabad
 - ☐ 4. New Delhi

Q.6 _____ is the first Indian woman to have won a Grammy.

- Ans**
- ☒ 1. Tanvi Shah
 - ☐ 2. Shalmali Kholgade
 - ☐ 3. Palak Muchhal
 - ☐ 4. Shilpa Rao

Q.7 What is the usual term used to describe the climate of India?

- Ans**
- ☒ 1. Tropical monsoon
 - ☐ 2. Arid climate
 - ☐ 3. Polar climate
 - ☐ 4. Desert climate

Q.8 Under the Chief Minister Learn and Earn Scheme of Madhya Pradesh, the government will NOT provide which of the following?

- Ans**
- ☐ 1. Employable skills
 - ☒ 2. Laptops
 - ☐ 3. Financial assistance
 - ☐ 4. Training

Q.9 What is the most powerful weapon that enables the Parliament to ensure executive accountability?

- Ans**
- ☐ 1. Approval or refusal of laws
 - ☐ 2. Deliberation and discussion
 - ☐ 3. Confirmation of treaties
 - ☒ 4. The no-confidence motion

Q.10 Dandari (Dancing) troupes perform _____ during the festival of Diwali for a fortnight with participation from Kolam and Raj Gond tribes.

- Ans**
- ☐ 1. Baiga Pardhoni
 - ☐ 2. Chhau
 - ☒ 3. Ghusadi
 - ☐ 4. Rout Nacha

Q.11 _____ literally means 'dance of the enchantress'. It is one of the most striking in the Indian classical dance repertoire.

- Ans**
- ☒ 1. Mohiniyattam
 - ☐ 2. Bharatanatyam
 - ☐ 3. Kathakali
 - ☐ 4. Kuchipudi

Q.12 Noted dance historian Dr. Sunil Kothari was awarded Madhabdev Award in 2019 by the Government of Assam for popularising which dance form of the state?

- Ans**
- ☒ 1. Sattriya
 - ☐ 2. Bagurumba
 - ☐ 3. Bihu
 - ☐ 4. Ojapali

Q.13 Consider the following statement about the Government of India Act, 1935.

1. This act was enacted by the British Parliament.
2. This Act was divided into two separate acts for India and Burma Government.
3. This act was commenced from the 1 April 1935.

Select the correct statement(s) using the code given below.

- Ans**
- ☐ 1. Both 1 and 3
 - ☐ 2. Both 2 and 3
 - ☐ 3. 1, 2 and 3
 - ☒ 4. Both 1 and 2

Q.14 Where is the Mahabodhi temple situated?

- Ans**
- ☒ 1. Bodh Gaya
 - ☐ 2. Agra
 - ☐ 3. Varanasi
 - ☐ 4. Patna

Q.15 In which year was the 42nd Constitutional Amendment Act passed?

- Ans**
- ☐ 1. 1998
 - ☐ 2. 1986
 - ☒ 3. 1976
 - ☐ 4. 1978

Q.16 In which year was the Training of Rural Youth for Self Employment (TRYSEM) scheme launched by Government of India?

- Ans**
- ☐ 1. 1965
 - ☐ 2. 1991
 - ☒ 3. 1979
 - ☐ 4. 2000

Q.17 The important milestones of the SHG Bank linkage movement was spearheaded by _____ with support from RBI.

- Ans**
- ☐ 1. Indian Bank
 - ☒ 2. NABARD
 - ☐ 3. SEBI
 - ☐ 4. Cooperative Bank

Q.18 Shri Jagannathji Mela is held at _____.

- Ans**
- ☒ 1. Alwar
 - ☐ 2. Cuttack
 - ☐ 3. Jaipur
 - ☐ 4. Sambalpur

Q.19 Team Rest of India won Irani Cup in 2023. Irani Cup was hosted in which state?

- Ans**
-  1. West Bengal
 -  2. Madhya Pradesh
 -  3. Bihar
 -  4. Uttar Pradesh

Q.20 Insufficient levels of parathyroid hormone and low amount of calcium in the blood causes which of the following conditions?

- Ans**
-  1. Malaria
 -  2. Anaemia
 -  3. Diabetes
 -  4. Hypocalcemia

Q.21 The pre-monsoon showers are known as _____ in Kerala and Karnataka.

- Ans**
-  1. mango showers
 -  2. grapes showers
 -  3. tea showers
 -  4. banana showers

Q.22 Who among the following leaders led the Revolt of 1857 in Bihar?

- Ans**
-  1. Devi Singh
 -  2. Rajkumar Shukla
 -  3. Rajendra Prasad
 -  4. Kunwar Singh

Q.23 How many gold medals did India win at the ISSF Junior World Cup 2023?

- Ans**
-  1. 7
 -  2. 8
 -  3. 5
 -  4. 6

Q.24 According to the Census of India 2011, which State/Union Territory has the lowest sex ratio?

- Ans**
-  1. Haryana
 -  2. Punjab
 -  3. Daman and Diu
 -  4. Lakshadweep

Q.25 Who among the following established a unit of horsepower that is equal to one horse doing 33,000 foot - pounds of work in one minute?

- Ans**
-  1. James Watt
 -  2. James Dwight Dana
 -  3. James Black
 -  4. James Croll

Section : **English Language and Comprehension**

Q.1 Choose the sentence that contains an error.

- Ans**
-  1. She is the only person who can speak five languages fluently.
 -  2. I saw the movie that won the Academy Award for Best Picture.
 -  3. The Mona Lisa is a famous painting by Leonardo da Vinci.
 -  4. He is a doctor who specialises in the treating rare diseases.

Q.2 Select the word segment which substitutes the bracketed word correctly and completes the sentence meaningfully.
Mathematics (are not) easy to learn.

- Ans**
- ☒ 1. has not
 - ☒ 2. is not
 - ☒ 3. were not
 - ☒ 4. was not

Q.3 Select the most appropriate option to fill in the blank.
Her stories paid _____ to her mother, whom she regarded as the goddess of bravery.

- Ans**
- ☒ 1. homage
 - ☒ 2. sainthood
 - ☒ 3. frustration
 - ☒ 4. absoluteness

Q.4 Select the option that can be used as a one-word substitute for the given group of words.

The action of formally accusing a public official of a serious offence

- Ans**
- ☒ 1. Summon
 - ☒ 2. Impeachment
 - ☒ 3. Allegation
 - ☒ 4. Condemnation

Q.5 Select the most appropriate meaning of the given idiom.

Blessing in disguise

- Ans**
- ☒ 1. Something that cannot be hidden from anyone
 - ☒ 2. Something that seems good but is harmful for you
 - ☒ 3. Something that remains hidden from everyone
 - ☒ 4. Something that seems bad but provides some benefit

Q.6 Select the most appropriate idiom to fill in the blank.
Our trainer asked for _____ on her for the next informative session.

- Ans**
- ☒ 1. being around the bend
 - ☒ 2. chasing rainbows
 - ☒ 3. all eyes and ears
 - ☒ 4. going bananas

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
After I complete my training program / I will have been joining a team of astronauts / and preparing to / embark on a mission to Mars.

- Ans**
- ☒ 1. After I complete my training program
 - ☒ 2. I will have been joining a team of astronauts
 - ☒ 3. and preparing to
 - ☒ 4. embark on a mission to Mars

Q.8 Select the option that can be used as a one-word substitute for the given group of words.
A number which is used to divide another number

- Ans**
- ☒ 1. Divisible
 - ☒ 2. Remainder
 - ☒ 3. Divisor
 - ☒ 4. Quotient

Q.9 Select the option that can be used as a one-word substitute for the given group of words.
A place of burial

- Ans**
- ☒ 1. Building
 - ☒ 2. Observatory
 - ☒ 3. Laboratory
 - ☒ 4. Cemetery

Q.10 Parts of the following sentence have been given as options. Select the option that contains an error.

I will celebrating New Year at my old residence as usual.

- Ans**
- ☒ 1. New Year
 - ☒ 2. will celebrating
 - ☒ 3. I
 - ☒ 4. at my old residence as usual.

Q.11 Select the most appropriate **ANTONYM** of the given word.
Break

- Ans**
- ☒ 1. Mend
 - ☒ 2. Divide
 - ☒ 3. Split
 - ☒ 4. Breach

Q.12 Select the most appropriate synonym of the given word.
Amicable

- Ans**
- ☒ 1. Generous
 - ☒ 2. Proud
 - ☒ 3. Friendly
 - ☒ 4. Harsh

Q.13 The sentence given below contains some spelling errors. Select the option that has the correct spellings.
Members of the asocciation have succesfully climbed several paeks of the Himalayan range.

- Ans**
- ☒ 1. Meemembers of the associatiion have successfully climbed several peaks of the Himalayan range.
 - ☒ 2. Members of the association have successfully climbed several peaks of the Himalayan range.
 - ☒ 3. Members of the associattion have succesfully climbed several paeks of the Himalayan range.
 - ☒ 4. Members of the associasion have succesfully climbed several paiks of the Himalayan range.

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.
Why don't / you throw this / paper on the dust bin?

- Ans**
- ☒ 1. paper on the dust bin
 - ☒ 2. No error
 - ☒ 3. you throw this
 - ☒ 4. Why don't

Q.15 Select the most appropriate meaning of the given idiom.
Beat around the bush

- Ans**
- ☒ 1. To be impatient and short-tempered
 - ☒ 2. To be direct and formal
 - ☒ 3. To be persistent in pursuing a goal
 - ☒ 4. To avoid addressing a topic correctly

Q.16 Select the **INCORRECTLY** spelt word in the given sentence.
Children below the age of 14 were not allowed to partisipate in the cooking competition.

- Ans**
- ☒ 1. Children
 - ☒ 2. Partisipate
 - ☒ 3. Allowed
 - ☒ 4. Competition

Q.17 The following sentence has been split into four segments. Identify the segment that contains a spelling error.
The conference / attempts to / trace the processes and / consequences of climate change.

- Ans**
- ☒ 1. trace the processes and
 - ☒ 2. consequences of climate change
 - ☒ 3. attempts to
 - ☒ 4. The conference

Q.18 The given sentence contains an error. Select the option that correctly rectifies the error.
Earlier, he was feeling better, but things took a turn for the bad.

- Ans**
- ☒ 1. Earlier, he was feeling well, but things took a turn for the ill.
 - ☒ 2. Earlier, he was feeling good, but things took a turn for the bad.
 - ☒ 3. Earlier, he was feeling better, but things took a turn for the worst.
 - ☒ 4. Earlier, he was feeling better, but things took a turn for the ill.

Q.19 Select the most appropriate **ANTONYM** of the given word.
Forthcoming

- Ans**
- ☒ 1. Adventurous
 - ☒ 2. Extensive
 - ☒ 3. Large
 - ☒ 4. Past

Q.20 Select the most appropriate meaning of the given idiom.

To cut someone some slack

- Ans**
- ☒ 1. To not manage someone very strictly or critically
 - ☒ 2. To get the conversation going
 - ☒ 3. Avoid talking about problems till the very end
 - ☒ 4. To criticise someone very strictly

Comprehension:

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

Once, there was a boy who became bored when he watched over the village sheep (1)_____ on the hillside. To entertain himself, he sang out, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers heard the cry, they came (2)_____ the hill to drive the wolf away. But, when they arrived, they saw no wolf. The boy was amused when seeing their angry faces. "Don't scream wolf, boy," warned the villagers, "when there is no wolf!" They angrily went back down the hill. Later, the shepherd boy cried out once again, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers came, they saw there was no wolf, they said strictly, "Save your (3)_____ cry for when there is really a wolf! Don't cry 'wolf' when there is no wolf!" Later, the boy saw a real wolf sneaking around his flock. Alarmed, he jumped on his feet and cried out as loud as he could, "Wolf! Wolf!" But the villagers thought he was (4)_____ them again, and so they didn't come to help. At sunset, the villagers went looking for the boy who hadn't returned with their sheep. When they went up the hill, they found him (5)_____ as all the sheep were dead.

SubQuestion No : 21

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

- Ans**
- ☒ 1. receiving
 - ☒ 2. laughing
 - ☒ 3. assisting
 - ☒ 4. grazing

Comprehension:

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

Once, there was a boy who became bored when he watched over the village sheep (1)_____ on the hillside. To entertain himself, he sang out, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers heard the cry, they came (2)_____ the hill to drive the wolf away. But, when they arrived, they saw no wolf. The boy was amused when seeing their angry faces. "Don't scream wolf, boy," warned the villagers, "when there is no wolf!" They angrily went back down the hill. Later, the shepherd boy cried out once again, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers came, they saw there was no wolf, they said strictly, "Save your (3)_____ cry for when there is really a wolf! Don't cry 'wolf' when there is no wolf!" Later, the boy saw a real wolf sneaking around his flock. Alarmed, he jumped on his feet and cried out as loud as he could, "Wolf! Wolf!" But the villagers thought he was (4)_____ them again, and so they didn't come to help. At sunset, the villagers went looking for the boy who hadn't returned with their sheep. When they went up the hill, they found him (5)_____ as all the sheep were dead.

SubQuestion No : 22

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

- Ans**
- ☒ 1. driving
 - ☒ 2. walking down
 - ☒ 3. running down
 - ☒ 4. running 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.

Once, there was a boy who became bored when he watched over the village sheep (1)_____ on the hillside. To entertain himself, he sang out, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers heard the cry, they came (2)_____ the hill to drive the wolf away. But, when they arrived, they saw no wolf. The boy was amused when seeing their angry faces. "Don't scream wolf, boy," warned the villagers, "when there is no wolf!" They angrily went back down the hill. Later, the shepherd boy cried out once again, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers came, they saw there was no wolf, they said strictly, "Save your (3)_____ cry for when there is really a wolf! Don't cry 'wolf' when there is no wolf!" Later, the boy saw a real wolf sneaking around his flock. Alarmed, he jumped on his feet and cried out as loud as he could, "Wolf! Wolf!" But the villagers thought he was (4)_____ them again, and so they didn't come to help. At sunset, the villagers went looking for the boy who hadn't returned with their sheep. When they went up the hill, they found him (5)_____ as all the sheep were dead.

SubQuestion No : 23

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

- Ans
- ☒ 1. laughable
 - ☒ 2. muffled
 - ☒ 3. funny
 - ☒ 4. frightened

Comprehension:

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

Once, there was a boy who became bored when he watched over the village sheep (1)_____ on the hillside. To entertain himself, he sang out, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers heard the cry, they came (2)_____ the hill to drive the wolf away. But, when they arrived, they saw no wolf. The boy was amused when seeing their angry faces. "Don't scream wolf, boy," warned the villagers, "when there is no wolf!" They angrily went back down the hill. Later, the shepherd boy cried out once again, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers came, they saw there was no wolf, they said strictly, "Save your (3)_____ cry for when there is really a wolf! Don't cry 'wolf' when there is no wolf!" Later, the boy saw a real wolf sneaking around his flock. Alarmed, he jumped on his feet and cried out as loud as he could, "Wolf! Wolf!" But the villagers thought he was (4)_____ them again, and so they didn't come to help. At sunset, the villagers went looking for the boy who hadn't returned with their sheep. When they went up the hill, they found him (5)_____ as all the sheep were dead.

SubQuestion No : 24

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

- Ans
- ☒ 1. seeing
 - ☒ 2. fighting
 - ☒ 3. questioning
 - ☒ 4. fooling

Comprehension:

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

Once, there was a boy who became bored when he watched over the village sheep (1)_____ on the hillside. To entertain himself, he sang out, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers heard the cry, they came (2)_____ the hill to drive the wolf away. But, when they arrived, they saw no wolf. The boy was amused when seeing their angry faces. "Don't scream wolf, boy," warned the villagers, "when there is no wolf!" They angrily went back down the hill. Later, the shepherd boy cried out once again, "Wolf! Wolf! The wolf is chasing the sheep!" When the villagers came, they saw there was no wolf, they said strictly, "Save your (3)_____ cry for when there is really a wolf! Don't cry 'wolf' when there is no wolf!" Later, the boy saw a real wolf sneaking around his flock. Alarmed, he jumped on his feet and cried out as loud as he could, "Wolf! Wolf!" But the villagers thought he was (4)_____ them again, and so they didn't come to help. At sunset, the villagers went looking for the boy who hadn't returned with their sheep. When they went up the hill, they found him (5)_____ as all the sheep were dead.

SubQuestion No : 25

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

- Ans
- ☒ 1. weeping
 - ☒ 2. singing
 - ☒ 3. dancing
 - ☒ 4. happy

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	05/09/2023
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 Akash is thrice as good a workman as Arvind and therefore is able to finish a job in 30 days less than Arvind. If they work together, in how many days can they finish the job?

- Ans**
- ☐ 1. $11\frac{3}{4}$
 - ☐ 2. $12\frac{1}{4}$
 - ☒ 3. $11\frac{1}{4}$
 - ☐ 4. $12\frac{3}{4}$

Q.2 The incomes of P, Q and R are in the ratio of 9 : 15 : 10 and their savings are in the ratio is 10 : 15 : 12. If R spends 60% of his income, what is the ratio of the expenditures of P, Q and R?

- Ans**
- ☐ 1. 17 : 18 : 30
 - ☒ 2. 17 : 30 : 18
 - ☐ 3. 18 : 17 : 30
 - ☐ 4. 18 : 30 : 17

Q.3 Anil works 3 times as fast as Sumit. If Sumit can complete a work in 12 days independently, then the number of days in which Anil and Sumit can together finish the work will be:

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

Q.4 Vaishali booked a bus ticket for ₹1,260. Because of her ill health, she had to cancel the ticket. She got a refund of ₹945 in this process. What is the percentage loss that Vaishali had to face?

- Ans**
- ☐ 1. 33%
 - ☒ 2. 25%
 - ☐ 3. 15%
 - ☐ 4. 23%

Q.5 If $15x = 24y = 32z$, then $x : y : z$ is equal to:

- Ans
- ☐ 1. $32 : 15 : 20$
 - ☐ 2. $24 : 15 : 4$
 - ☒ 3. $32 : 20 : 15$
 - ☐ 4. $15 : 24 : 32$

Q.6 Find the number of solid lead balls each 2 cm in diameter that can be made from solid sphere made up of lead of diameter 14 cm.

- Ans
- ☒ 1. 343
 - ☐ 2. 430
 - ☐ 3. 340
 - ☐ 4. 433

Q.7 What is the total surface area (in cm^2) of a cone with a base radius of 28 cm and height of 45 cm? (use $\pi = \frac{22}{7}$)

- Ans
- ☒ 1. 7128
 - ☐ 2. 8168
 - ☐ 3. 6288
 - ☐ 4. 9216

Q.8 ₹1,250 at 12% per annum compounded annually will amount to ₹1,568 in:

- Ans
- ☐ 1. 4 years
 - ☐ 2. 3 years
 - ☒ 3. 2 years
 - ☐ 4. 1 year

Q.9 Arrange the ratios in ascending order $5 : 3\frac{1}{3}$, $6\frac{1}{4} : 3\frac{1}{8}$ and $3.5 : 4.5$.

- Ans
- ☐ 1. $5 : 3\frac{1}{3} < 6\frac{1}{4} : 3\frac{1}{8} < 3.5 : 4.5$
 - ☒ 2. $3.5 : 4.5 < 5 : 3\frac{1}{3} < 6\frac{1}{4} : 3\frac{1}{8}$
 - ☐ 3. $6\frac{1}{4} : 3\frac{1}{8} < 5 : 3\frac{1}{3} < 3.5 : 4.5$
 - ☐ 4. $5 : 3\frac{1}{3} < 3.5 : 4.5 < 6\frac{1}{4} : 3\frac{1}{8}$

Q.10 What is the average of the first 13 multiples of 3?

- Ans
- ☐ 1. 39
 - ☐ 2. 35
 - ☒ 3. 21
 - ☐ 4. 42

Q.11 Three numbers are in the ratio of 3 : 4 : 5 and their HCF is 18. What is the sum of these numbers?

- Ans
- ☐ 1. 234
 - ☐ 2. 180
 - ☒ 3. 216
 - ☐ 4. 198

Q.12 The following table gives the number of employees in different departments of an organisation and percentage of females and males. Study the table carefully and answer the question.

Department	Total No. of employees	% of females	% of males
IT	640	45	55
Accounts	220	40	60
Production	800	30	70
HR	360	65	35
Marketing	400	40	60

Find the ratio of the number of females in production and HR departments together to the number of males in the IT and Accounts departments together.

- Ans
- ☐ 1. 227 : 323
 - ☐ 2. 235 : 330
 - ☒ 3. 237 : 242
 - ☐ 4. 235 : 340

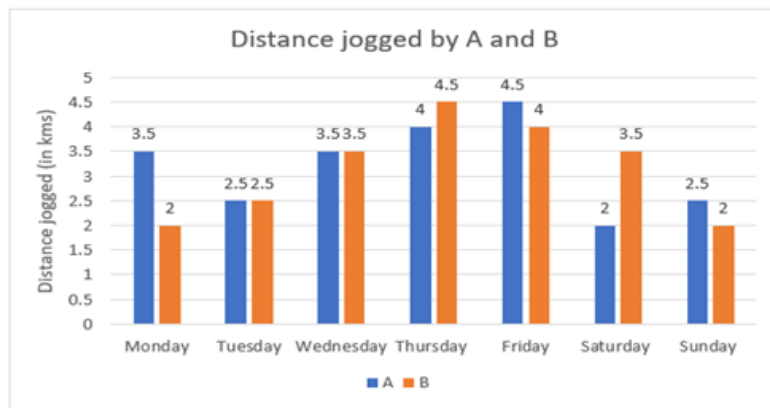
Q.13 If two varieties of a grain worth ₹202 per kg and ₹250 per kg, respectively, are mixed in the ratio of 7 : 5, then what is the cost (in ₹) of the resulting mixture per kg?

- Ans
- ☐ 1. 218
 - ☐ 2. 220
 - ☒ 3. 222
 - ☐ 4. 225

Q.14 The speed of a boat in still water is 30 km/h and the speed of the stream is 7.5 km/h. What is the time in hours taken by the boat in the stream to go from point A to B and then back to A covering a total distance of 90 km?

- Ans
- ☐ 1. 3.0
 - ☐ 2. 2.8
 - ☒ 3. 3.2
 - ☐ 4. 3.4

Q.15 The following graph refers to the distance jogged daily by two persons A and B.



If 100 calories are burnt by jogging 1 km, what is the difference between the calories burnt by A and B in the given week?

- Ans
- ☒ 1. 100 calories
 - ☒ 2. 50 calories
 - ☒ 3. 150 calories
 - ☒ 4. 10 calories

Q.16 Apples are bought at 25 for ₹250 and sold at 30 for ₹390. What is the profit/loss percentage in this transaction?

- Ans
- ☒ 1. 30% Profit
 - ☒ 2. 30% Loss
 - ☒ 3. 25% Profit
 - ☒ 4. 25% Loss

Q.17 A sum of ₹5,345, when invested at a certain rate of simple interest per annum for 10 years, earns an interest of ₹2,672.50 on maturity. What is the rate of simple interest per annum?

- Ans
- ☒ 1. 8%
 - ☒ 2. 5%
 - ☒ 3. 4.5%
 - ☒ 4. 6.5%

Q.18 The speed of a car is 90 km/h. The distance covered by the car in 7 Seconds will be:

- Ans
- ☒ 1. 180 metres
 - ☒ 2. 175 metres
 - ☒ 3. 170 metres
 - ☒ 4. 172 metres

Q.19 Find the value of x if $15\frac{2}{3} \times 3\frac{1}{6} + 6\frac{1}{3} = 11\frac{7}{18} + x$

- Ans
- ☒ 1. $137\frac{4}{9}$
 - ☒ 2. $29\frac{7}{9}$
 - ☒ 3. $44\frac{5}{9}$
 - ☒ 4. $39\frac{5}{9}$

- Q.20** The average height of a class of 50 students is 170 cm. What will be the average height (in cm, rounded off to the nearest integer) of the rest of the students if the average height of 15 of the students is 180 cm?
- Ans**  1. 162
 2. 166
 3. 175
 4. 174

Section : Reasoning Ability and Problem Solving

- Q.1** What should come in place of '?' in the given series?

10 41 165 661 2645 ?

- Ans**  1. 10604
 2. 10581
 3. 10597
 4. 10378

- 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 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, 14, 28)
(7, 11, 77)

- Ans**  1. 1, 7, 45
 2. 4, 7, 23
 3. 6, 9, 54
 4. 8, 6, 98

- Q.3** What should come in place of '?' in the given series?

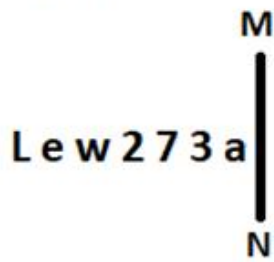
11 44 143 440 1331 ?

- Ans**  1. 4266
 2. 3996
 3. 4004
 4. 4118

- Q.4** In a certain code language, 'PING' is coded as '62' and 'HAZE' is coded as '68'. What is the code for 'GOAT' in the given code language?

- Ans**  1. 69
 2. 66
 3. 65
 4. 67

Q.5 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. **Lew273a**
 - ☒ 2. **a372wεL**
 - ☒ 3. **Lew273a**
 - ☒ 4. **Lew273a**

Q.6 If 5 October 2003 is a Sunday, then what will be the day of the week on 14 July 2010?

- Ans
- ☒ 1. Saturday
 - ☒ 2. Friday
 - ☒ 3. Monday
 - ☒ 4. Wednesday

Q.7 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

_KL_K_KK__KL

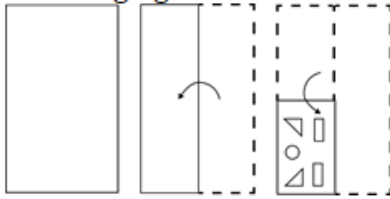
- Ans
- ☒ 1. **LLKLL**
 - ☒ 2. **KKLLK**
 - ☒ 3. **KLKLL**
 - ☒ 4. **LKLKL**

Q.8 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

MQA, NRE, OSI, PTM, ?

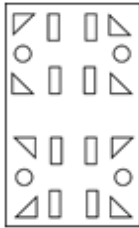
- Ans
- ☒ 1. **QUQ**
 - ☒ 2. **SUM**
 - ☒ 3. **RVO**
 - ☒ 4. **QWN**

Q.9 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?

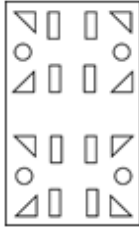


Ans

✗ 1.



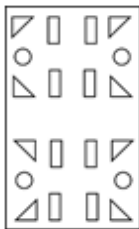
✗ 2.



✓ 3.



✗ 4.



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

$$7 + 3 - 6 \div 4 \times 4 = ?$$

Ans

✗ 1. 7

✗ 2. 15

✗ 3. 4

✓ 4. 10

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 /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)

11 : 60

13 : 70

Ans

✗ 1. 19 : 90

✗ 2. 17 : 85

✗ 3. 21 : 100

✓ 4. 15 : 80

Q.12 N, O, P, Q, R, S, T and U are sitting around a square table facing the center of the table. Some of them are sitting at the corners while some are sitting at the exact center of the sides. N sits third to the left of U. U sits in any of the corners. O sits third to the right of T. T sits in one of the corners. Q is the immediate neighbour of P and U. P is not the neighbour of N. R is not T's neighbour.

How many people sit between P and R, when counted from the right of P?

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

Q.13 Which figure should replace the question mark (?) if the following figure series were to be continued?

X	□	L	8	X	F	3	C	X	□	3	L	
	3			L			8			X		
8	C	F	C	□	3	□	F	L	F	C	8	

Ans

☒ 1.

8	L	3
	□	
C	F	X

☒ 2.

3	L	F
	□	
C	8	X

☒ 3.

8	F	3
	□	
C	L	X

☒ 4.

F	C	3
	□	
X	8	L

Q.14 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 jars are plastic. Some plastic are spoons. No spoon is a fork.

Conclusion I: Some plastic are jars.

Conclusion II: Some forks are spoons.

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

Q.15 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

_ ML _ MLLM _ L _ _

- Ans**
- ☒ 1. MMLMM
 - ☒ 2. LLMLM
 - ☒ 3. LLLML
 - ☒ 4. MLMML

Q.16 If G means '-', A means '×', F means '+', B means '+', then what will come in place of the question mark (?) in the following equation?

$$37 \text{ B } 16 \text{ A } 3 \text{ G } 88 \text{ F } 8 = ?$$

- Ans**
- ☒ 1. 74
 - ☒ 2. 93
 - ☒ 3. 51
 - ☒ 4. 69

Q.17 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 needles are pins. Some pins are wood. All wood are cups.

Conclusion I: Some needles are wood.

Conclusion II: All cups are pins.

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

Q.18 What should come in place of ‘?’ in the given series?

2 9 30 93 282 ?

- Ans
- ☒ 1. 849
 - ☐ 2. 813
 - ☐ 3. 857
 - ☐ 4. 861

Q.19 In a certain code language, ‘get more sleep’ is coded as ‘wo bt gk’ and ‘less is more’ is coded as ‘ap gk cm’. How is ‘more’ coded in the given language?

- Ans
- ☐ 1. bt
 - ☒ 2. gk
 - ☐ 3. wo
 - ☐ 4. cm

Q.20 KGTO is related to HDQL in a certain way based on the English alphabetical order. In the same way, YFSH is related to VCPE. To which of the following is GUMS related to, following the same logic?

- Ans
- ☐ 1. DSKP
 - ☐ 2. ESKU
 - ☒ 3. DRJP
 - ☐ 4. JXOU

Section : **General Awareness**

Q.1 Bihu is a folk dance of which state?

- Ans
- ☒ 1. Assam
 - ☐ 2. Chhattisgarh
 - ☐ 3. Bihar
 - ☐ 4. Arunachal Pradesh

Q.2 How many states were selected in Garib Kalyan Rojgar Abhiyaan (GKRA) 2020?

- Ans
- ☒ 1. 6 states
 - ☐ 2. 16 states
 - ☐ 3. 8 states
 - ☐ 4. 10 states

Q.3 How many schedules are there in our Constitution as of June 2023?

- Ans
- ☐ 1. 8
 - ☐ 2. 10
 - ☐ 3. 9
 - ☒ 4. 12

Q.4 Which is the most obvious symptom of infantile jaundice that usually appears between the second and fourth day after birth?

- Ans
- ☐ 1. Swelling and bleeding of the gums
 - ☐ 2. Cracking and irritation at the corners of mouth
 - ☒ 3. Yellowing of the skin and the whites of the eyes
 - ☐ 4. Swollen or puffy ankles

Q.5 Punjab state is rich in which natural resource from the following?

- Ans**
- ☐ 1. Petroleum
 - ☐ 2. Silicon
 - ☒ 3. Fertile soil
 - ☐ 4. Coal

Q.6 To which Gharana did Gangubai Hangal primarily belong?

- Ans**
- ☐ 1. Patiala
 - ☒ 2. Kirana
 - ☐ 3. Agra
 - ☐ 4. Banaras

Q.7 Where is the Qutub Minar situated?

- Ans**
- ☐ 1. Chandigarh
 - ☐ 2. Lucknow
 - ☒ 3. Delhi
 - ☐ 4. Agra

Q.8 Visva Bharati a famous educational institute was founded in 1921 by:

- Ans**
- ☐ 1. Swami Chinmayananda
 - ☐ 2. Mother Teresa
 - ☐ 3. Vinoba Bhave
 - ☒ 4. Rabindranath Tagore

Q.9 Which of the following is an example of a non-debt capital receipt in the government budget?

- Ans**
- ☐ 1. Tax revenue collected from citizens
 - ☐ 2. Interest payment on government bonds
 - ☒ 3. Sale of government-owned land
 - ☐ 4. Loans from international financial institutions

Q.10 The Units of Linear momentum are measured in _____.

- Ans**
- ☐ 1. $\text{kg}^2 \text{ m/s}$
 - ☐ 2. kg m/s^2
 - ☒ 3. kg m/s
 - ☐ 4. $\text{k}^2\text{g m/s}$

Q.11 Which of the following is NOT a part of the six communication mail channels in India?

- Ans**
- ☐ 1. Business channel
 - ☒ 2. Monthly channel
 - ☐ 3. Metro channel
 - ☐ 4. Rajdhani channel

Q.12 The celebrated folk artist Gulabo Sopera, recipient of Padma Shri Award in 2016, is an exponent of _____ dance.

- Ans**
- ☐ 1. Dandiya
 - ☒ 2. Kalbeliya
 - ☐ 3. Tippani
 - ☐ 4. Bhavai

Q.13 Whose prior recommendation is required to introduce money bills in state legislature?

- Ans**
- ☒ 1. Speaker of the House
 - ☒ 2. Governor
 - ☒ 3. Chief Minister
 - ☒ 4. Advocate General

Q.14 Which of the following statements are correct regarding the Power Sector's Revamped Distribution Sector Scheme?

- 1) The Prime Minister launched the Ministry of Power's flagship Revamped Distribution Sector Scheme in 2022.
- 2) This scheme is aimed at improving the operational efficiencies and financial sustainability of distribution companies.
- 3) From FY 2022-23 to FY 2027-28, the scheme aims to provide financial assistance to DISCOMs.
- 4) This scheme proposes to provide 25 crore Smart Prepaid meters to consumers all over the country.

- Ans**
- ☒ 1. 2, 3 and 4
 - ☒ 2. 1, 3 and 4
 - ☒ 3. 1, 2 and 3
 - ☒ 4. 1, 2 and 4

Q.15 Popular since ancient eras for the trading of livestock, _____, which is a month-long event, takes place on the auspicious occasion of Kartik Purnima in the month of November near Harihar Nath temple.

- Ans**
- ☒ 1. Pushkar Mela
 - ☒ 2. Sonapur Mela
 - ☒ 3. Rajgir Mela
 - ☒ 4. Ardhkumbh Mela

Q.16 Famous Bollywood actress Hema Malini is a trained _____ dancer.

- Ans**
- ☒ 1. Kuchipudi
 - ☒ 2. Kathak
 - ☒ 3. Bharatanatyam
 - ☒ 4. Odissi

Q.17 'Mein Kampf' is the autobiography of which world personality?

- Ans**
- ☒ 1. Adolf Hitler
 - ☒ 2. Robert Mugabe
 - ☒ 3. Albert Einstein
 - ☒ 4. Charlie Chaplin

Q.18 Mirabai Chanu was selected as BBC Indian Sportswoman of the Year 2022. She is related to which sport?

- Ans**
- ☒ 1. Weightlifting
 - ☒ 2. Javelin throw
 - ☒ 3. Discus throw
 - ☒ 4. Boxing

Q.19 How many women boxers from India won gold medals in the Women's World Boxing Championship 2023?

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

Q.20 RK Narayan is the author of _____.

- Ans**
- ☒ 1. Far From the Madding Crowd
 - ☒ 2. Untouchable
 - ☒ 3. Godan
 - ☒ 4. The Guide

Q.21 What does the term 'interest' refer to in banking?

- Ans**
- ☐ 1. The value of a currency in relation to other currencies
 - ☐ 2. The amount of money deposited into a bank account
 - ☐ 3. The fee charged for withdrawing money from an ATM
 - ☒ 4. The additional amount earned on a loan or deposit

Q.22 Which Indian musician was awarded the Grammy award for his Album 'Planet Drum'?

- Ans**
- ☐ 1. Trilok Gurtu
 - ☐ 2. Darshan Doshi
 - ☐ 3. Sivamani
 - ☒ 4. Zakir Hussain

Q.23 In which of the following cities the 2023 SAFF Championship was held?

- Ans**
- ☒ 1. Bengaluru
 - ☐ 2. Ahmedabad
 - ☐ 3. Kochi
 - ☐ 4. Mumbai

Q.24 In which year did Lord Curzon announce the partition of Bengal during the British rule in India?

- Ans**
- ☒ 1. 1905
 - ☐ 2. 1904
 - ☐ 3. 1907
 - ☐ 4. 1906

Q.25 What is the geographic location of the world's largest coral reef, known as the Great Barrier Reef?

- Ans**
- ☐ 1. China
 - ☒ 2. Australia
 - ☐ 3. Switzerland
 - ☐ 4. Ireland

Section : **English Language and Comprehension**

Q.1 Parts of the following sentence have been given as options. Select the option that contains an error.
Sanjana rubbed her eyes hardly.

- Ans**
- ☒ 1. hardly
 - ☐ 2. her eyes
 - ☐ 3. Sanjana
 - ☐ 4. rubbed

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.
A night alone / in a hotel / can be lonely prospect.

- Ans**
- ☐ 1. A night alone
 - ☐ 2. No error
 - ☒ 3. can be lonely prospect
 - ☐ 4. in a hotel

Q.3 Select the most appropriate meaning of the underlined idiom.

The actor decided to live life in the fast lane.

- Ans**
- ☐ 1. A life of extreme speed
 - ☒ 2. A life filled with excitement
 - ☐ 3. Racing away to the moon
 - ☐ 4. Dropping charges of crime

Q.4 Select the most appropriate idiom to fill in the blank.
I asked my friend to _____ against her employers who are doing wrong to her.

- Ans**
- ☐ 1. finders keepers, losers weepers
 - ☐ 2. fight the good fight
 - ☒ 3. fight fire with fire
 - ☐ 4. fine words butter no parsnips

Q.5 Select the most appropriate option to substitute the underlined segment in the given sentence.
Mohan unknowingly altered salt instead of sugar to the dessert making it taste terrible.

- Ans**
- ☒ 1. added salt instead of sugar
 - ☐ 2. anguished salt instead of sugar
 - ☐ 3. amplified salt instead of sugar
 - ☐ 4. abridged salt instead of sugar

Q.6 Select the most appropriate synonym of the given word.
Diminish

- Ans**
- ☐ 1. Demote
 - ☐ 2. Prevent
 - ☒ 3. Weaken
 - ☐ 4. Relegate

Q.7 Parts of the following sentence have been underlined and given as options. Select the option that contains a misspelt word.
The single most important factor that distinguishes those of us who succed in any venture and those of us who don't is this 'instant coffee' attitude.

- Ans**
- ☐ 1. attitude
 - ☐ 2. distinguishes
 - ☐ 3. venture
 - ☒ 4. succed

Q.8 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Debatable
 - ☐ 2. Discrepancy
 - ☐ 3. Wrestler
 - ☒ 4. Accompanymment

Q.9 Select the most appropriate option to fill in the blank.
Can you quote any _____ in your favour?

- Ans**
- ☐ 1. lines
 - ☐ 2. answer
 - ☐ 3. summary
 - ☒ 4. precedent

Q.10 Select the most appropriate synonym of the given word.
Insist

- Ans**
- ☒ 1. Persist
 - ☐ 2. Heist
 - ☐ 3. Resist
 - ☐ 4. Assist

Q.11 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Inexpressible
 - ☐ 2. Mischievous
 - ☒ 3. Assasin
 - ☐ 4. Insurance

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

A person who loves or collects books

- Ans**
- ☐ 1. Paedophile
 - ☒ 2. Bibliophile
 - ☐ 3. Anglophile
 - ☐ 4. Heliophile

Q.13 Select the option that can be used as a one-word substitute for the given group of words.
Group of bees

- Ans**
- ☐ 1. Pack
 - ☐ 2. Shoal
 - ☐ 3. Gaggle
 - ☒ 4. Swarm

Q.14 Select the most appropriate **ANTONYM** of the given word.
Crude

- Ans**
- ☐ 1. Primitive
 - ☒ 2. Refined
 - ☐ 3. Observant
 - ☐ 4. Patient

Q.15 Select the most appropriate meaning of the underlined segment in the given sentence.
Buying a new car can cost an arm and a leg.

- Ans**
- ☐ 1. Be free
 - ☒ 2. Be expensive
 - ☐ 3. Be reasonable
 - ☐ 4. Be affordable

Q.16 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) We are living / (B) here since / (C) the summer / (D) of last year.

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

Q.17 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.
My relatives shall have reached Amritsar by now.

- Ans**
- ☐ 1. My
 - ☐ 2. reached
 - ☐ 3. by now
 - ☒ 4. shall

Q.18 Select the most appropriate meaning of the underlined idiom in the given sentence.

Rina's house is at a stone's throw from the school.

- Ans**
- ☐ 1. A very long distance
 - ☒ 2. A very short distance
 - ☐ 3. Not very close to
 - ☐ 4. Next to

Q.19 Parts of the given sentence have been underlined. One of them contains an error. The underlined parts are given as options with some changes. Select the option that correctly rectifies the error.
The new restaurant on Main Street is cheap than the old one.

- Ans**
- ☐ 1. the older one
 - ☐ 2. in Main Street
 - ☐ 3. newer restaurant
 - ☒ 4. is cheaper than

Q.20 Select the most appropriate option to fill in the blank.
Suresh has been learning Tamil _____ two months.

- Ans**
- ☒ 1. before
 - ☒ 2. since
 - ☒ 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.

There are several reasons why people might 1)_____ that homework is an unnecessary burden on children. Firstly, there is evidence to support the idea that homework 2)_____ nothing to improve educational outcomes. Countries such as Finland, where school children are not given homework, regularly top international educational league tables and outperform nations where setting homework is the norm. Secondly, many parents would agree that the school day is already 3)_____, and leaves their children too tired to do further study when they return home. 4)_____, it is recognised that play time is just as 5)_____ as study time from the perspective of brain development.

SubQuestion No : 21

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

- Ans**
- ☒ 1. be argues
 - ☒ 2. argue
 - ☒ 3. have argue
 - ☒ 4. argues

Comprehension:

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 are several reasons why people might 1)_____ that homework is an unnecessary burden on children. Firstly, there is evidence to support the idea that homework 2)_____ nothing to improve educational outcomes. Countries such as Finland, where school children are not given homework, regularly top international educational league tables and outperform nations where setting homework is the norm. Secondly, many parents would agree that the school day is already 3)_____, and leaves their children too tired to do further study when they return home. 4)_____, it is recognised that play time is just as 5)_____ as study time from the perspective of brain development.

SubQuestion No : 22

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

- Ans**
- ☒ 1. has do
 - ☒ 2. does
 - ☒ 3. do
 - ☒ 4. will does

Comprehension:

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 are several reasons why people might 1)_____ that homework is an unnecessary burden on children. Firstly, there is evidence to support the idea that homework 2)_____ nothing to improve educational outcomes. Countries such as Finland, where school children are not given homework, regularly top international educational league tables and outperform nations where setting homework is the norm. Secondly, many parents would agree that the school day is already 3)_____, and leaves their children too tired to do further study when they return home. 4)_____, it is recognised that play time is just as 5)_____ as study time from the perspective of brain development.

SubQuestion No : 23

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

- Ans**
- ☒ 1. enough of
 - ☒ 2. big enough
 - ☒ 3. not enough
 - ☒ 4. long enough

Comprehension:

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 are several reasons why people might 1)_____ that homework is an unnecessary burden on children. Firstly, there is evidence to support the idea that homework 2)_____ nothing to improve educational outcomes. Countries such as Finland, where school children are not given homework, regularly top international educational league tables and outperform nations where setting homework is the norm. Secondly, many parents would agree that the school day is already 3)_____, and leaves their children too tired to do further study when they return home. 4)_____, it is recognised that play time is just as 5)_____ as study time from the perspective of brain development.

SubQuestion No : 24

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

- Ans**
-  1. Similarly
 -  2. Finally
 -  3. Normally
 -  4. Usually

Comprehension:

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 are several reasons why people might 1)_____ that homework is an unnecessary burden on children. Firstly, there is evidence to support the idea that homework 2)_____ nothing to improve educational outcomes. Countries such as Finland, where school children are not given homework, regularly top international educational league tables and outperform nations where setting homework is the norm. Secondly, many parents would agree that the school day is already 3)_____, and leaves their children too tired to do further study when they return home. 4)_____, it is recognised that play time is just as 5)_____ as study time from the perspective of brain development.

SubQuestion No : 25

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

- Ans**
-  1. beneficial
 -  2. confidential
 -  3. soon
 -  4. bad

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	05/09/2023
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 The mean proportion of a and $\frac{a}{b^2}$ is _____.

- Ans
- ☒ 1. $\frac{a}{b}$
 - ☐ 2. ab
 - ☐ 3. $\frac{a}{2b}$
 - ☐ 4. $\frac{b}{a}$

Q.2 The strength of a school increases and decreases every alternate year by 20%. It started with an increase in the year 2015 and the initial strength was 3000. Find the strength of the school in the year 2017 and also the percentage of increase in strength, respectively.

- Ans
- ☐ 1. 4556, 17.2%
 - ☐ 2. 3556, 16.2%
 - ☐ 3. 4456, 14.2%
 - ☒ 4. 3456, 15.2%

Q.3 Nikita made two investments; she earns 10% on one investment and lost 20% on the second investment. If the investments were in the ratio 2 : 3, then she got a:

- Ans
- ☐ 1. profit of 8%
 - ☐ 2. profit of 15%
 - ☒ 3. loss of 8%
 - ☐ 4. loss of 15%

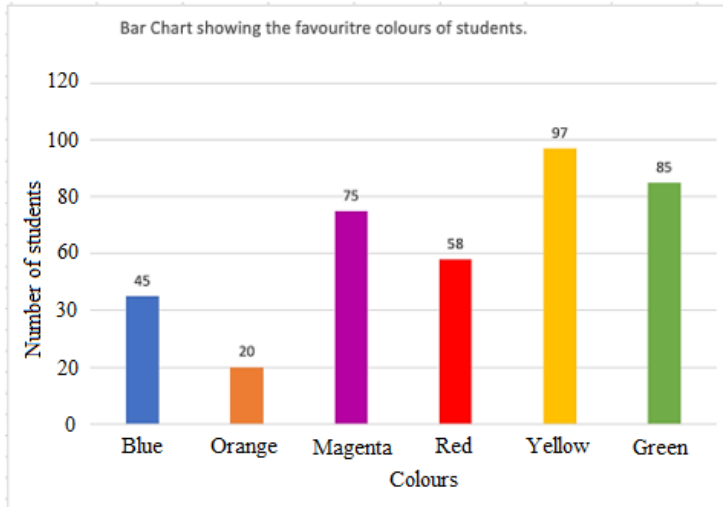
Q.4 The HCF of three numbers is 57. If they are in the ratio of 4 : 5 : 6, then find the numbers.

- Ans
- ☐ 1. 232, 290, 348
 - ☐ 2. 240, 300, 360
 - ☒ 3. 228, 285, 342
 - ☐ 4. 236, 295, 354

Q.5 Profit of ₹29,120 is divided among A, B and C so that A's share is $2\frac{1}{2}$ times B's and B's share is $1\frac{1}{5}$ times C. Find B's share.

- Ans
- ☐ 1. ₹6,940
 - ☒ 2. ₹6,720
 - ☐ 3. ₹7,140
 - ☐ 4. ₹7,820

Q.6 The Bar Chart below shows the favourite colours of 380 students in a class. Study the bar chart and answer the question based on it.



The total number of students whose favourite colours are blue, magenta, red and yellow is what per cent (rounded off to the nearest integer) of the total number of students in the class?

- Ans
- ☐ 1. 64%
 - ☐ 2. 69%
 - ☐ 3. 77%
 - ☒ 4. 72%

Q.7 Tushar, Megha, Punam and Richa can complete a piece of work in 10 days, 12 days, 15 days and 18 days, respectively. In how many days will the work be completed if each of them work on alternate days starting with Megha on first day, Punam on second day, Richa on third day, Tushar on fourth day and then again Megha on fifth day and so on.

- Ans
- ☐ 1. 14
 - ☐ 2. 12
 - ☐ 3. 10
 - ☒ 4. 13

Q.8 A man takes 8 hours 30 minutes to go to a place by cycle and comes back by scooter. If he goes both ways by cycle, he takes 10 hours. How much time does it take for him to go both ways by scooter (in hours)?

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

Q.9 How much simple interest will ₹6,000 earn in 15 months at the rate of 12% per annum?

- Ans
- ☐ 1. ₹800
 - ☒ 2. ₹900
 - ☐ 3. ₹600
 - ☐ 4. ₹750

Q.10 Find the amount of ₹75,000 for one year at the rate of 16% per annum, if the interest is compounded quarterly. (rounded off to two decimal places)

- Ans
- ☐ 1. ₹89,773.40
 - ☒ 2. ₹87,739.40
 - ☐ 3. ₹87,379.40
 - ☐ 4. ₹87,937.40

Q.11 Divya bought six candies for a rupee. How many candies for a rupee must she sell to gain 50%?

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

Q.12 A thief is noticed by a constable from a distance of 185 m. The thief starts running and the constable chases him. The thief and the constable run at the rate of 8 m/s and 9 m/s, respectively. What is the distance between them after 2 minutes?

- Ans
- ☐ 1. 120 m
 - ☐ 2. 92 m
 - ☒ 3. 65 m
 - ☐ 4. 130 m

Q.13 A right circular cone is 9.8 cm high with the radius of its base 4 cm. It is melted and recast into a right circular cone with the radius of its base 3.5 cm. Find its height (use $\pi = \frac{22}{7}$).

- Ans
- ☐ 1. 18.2 cm
 - ☐ 2. 28.1 cm
 - ☐ 3. 21.8 cm
 - ☒ 4. 12.8 cm

Q.14 A school has two sections of a class. Section A has 30 students and Section B has 20 students. The average score of the students in Section A is 85, and the average score of the students in Section B is 70. What is the overall average score of the class?

- Ans
- ☐ 1. 81
 - ☐ 2. 78
 - ☒ 3. 79
 - ☐ 4. 80

Q.15 Simplify the given expression.

$$2 \div [2 + 2 \div \{2 + 2 \div (2 + 2 \div 3)\}]$$

- Ans
- ☒ 1. $\frac{13}{15}$
 - ☒ 2. $\frac{19}{15}$
 - ☒ 3. $\frac{17}{15}$
 - ☒ 4. $\frac{11}{15}$

Q.16 The average age of a family of three members (mother, father and Son) is 44 years. After the son's marriage, the average age of the family becomes 39 years. What is the age of the daughter-in-law?

- Ans
- ☒ 1. 24 years
 - ☒ 2. 25 years
 - ☒ 3. 23 years
 - ☒ 4. 22 years

Q.17 The total journey is of 800 km. A car travels the first 320 km of the journey at the speed of 64 km/hr. What should be the speed of the next 480 km so that average speed will become 80 km/hr?

- Ans
- ☒ 1. 69 km/hr
 - ☒ 2. 86 km/hr
 - ☒ 3. 96 km/hr
 - ☒ 4. 89 km/hr

Q.18 The table below represents marks obtained by four students A, B, C, and D in four subjects in an examination. The maximum marks for each subject are 100.

Student	English	Hindi	Math	Science
A	90	89	100	93
B	85	86	88	95
C	94	92	96	89
D	87	90	97	82

The average marks of Math and Hindi taken together of the four students is what per cent more/less (rounded off to 1 decimal place) than the average marks of English and Science taken together?

- Ans
- ☒ 1. More, 3.2%
 - ☒ 2. Less, 3.2%
 - ☒ 3. Less, 2.4%
 - ☒ 4. More, 2.4%

Q.19 Using the middle points of sides of a square with an area of 36 square units, another square is made. What is the area of a new square made in square units?

- Ans**
- ☒ 1. 18
 - ☐ 2. 24
 - ☐ 3. 27
 - ☐ 4. 21

Q.20 Reena, Ritu and Sita can independently complete a piece of work in 6 hours, 9 hours and 18 hours, respectively. If they work together, then how much time (in hours) will they take to complete that piece of work?

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

Section : Reasoning Ability and Problem Solving

Q.1 If 3 May 2010 is a Monday, then what will be the day of the week on 16 December 2014?

- Ans**
- ☐ 1. Sunday
 - ☐ 2. Saturday
 - ☐ 3. Friday
 - ☒ 4. Tuesday

Q.2 What should come in place of '?' in the given series?

16 31 76 ? 616 1831 5476

- Ans**
- ☒ 1. 211
 - ☐ 2. 217
 - ☐ 3. 201
 - ☐ 4. 207

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 orchids are flowers. Some orchids are beautiful.

Conclusions:

- (I) Some flowers are beautiful.
- (II) All beautiful are flowers.

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

Q.4 In a certain code language, 'ETHOS' is coded as '15' and 'CHEERFUL' is coded as '24'. What is the code for 'CHIMNEY' in the given code language?

- Ans
- ☐ 1. 18
 - ☐ 2. 23
 - ☐ 3. 19
 - ☒ 4. 21

Q.5 Which figure should replace the question mark (?) if the following figure series were to be continued?

B R A I D	R B D A I	I A S B R	A I R S B	?
-----------	-----------	-----------	-----------	---

Ans

☐ 1. S B T A I

☒ 2. B S T I A

☐ 3. B A I R S

☐ 4. I R T S A

Q.6 5 is related to 19 following a certain logic. Following the same logic, 8 is related to 31. To which of the following is 13 related to, following the same logic?

- Ans
- ☐ 1. 50
 - ☒ 2. 51
 - ☐ 3. 52
 - ☐ 4. 53

Q.7 What should come in place of ? in the given series based on the English alphabetical order?

FVZ, GXA, HZB, IBC, ?

- Ans
- ☐ 1. IEF
 - ☐ 2. IED
 - ☒ 3. JDD
 - ☐ 4. KDF

Q.8 JR 11 is related to KT 16 in a certain way. In the same way, VM 22 is related to WO 27. To which of the following is DS 18 related to following the same logic?

- Ans
- ☐ 1. CQ 24
 - ☒ 2. EU 23
 - ☐ 3. FU 23
 - ☐ 4. FT 22

Q.9 What should come in place of '?' in the given series?

7 30 122 490 1962 ?

- Ans
- ☐ 1. 7760
 - ☒ 2. 7850
 - ☐ 3. 7896
 - ☐ 4. 7872

Q.10 In a certain code language, 'make your life' is coded as 'uk ox zt' and 'life is good' is coded as 'qr uk va'. How is 'life' coded in the given language?

- Ans
- ☐ 1. ox
 - ☐ 2. zt
 - ☐ 3. qr
 - ☒ 4. uk

Q.11 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: Some walls are stone. All stones are diamonds. All diamonds are bricks.

Conclusion I: Some stones are walls.

Conclusion II: Some stones are bricks.

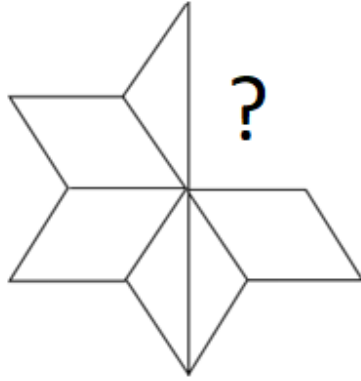
- Ans
- ☒ 1. Both conclusions (I) and (II) are follow.
 - ☐ 2. Only conclusion (I) is follow.
 - ☐ 3. Neither conclusion (I) nor (II) is follow.
 - ☐ 4. Only conclusion (II) is follow.

Q.12 Select the combination of letters that when sequentially placed in the blanks of the given series will make it logically complete.

F_HTFKO_ _RVTFY_TF_JT

- Ans
- ☒ 1. JFJMH
 - ☒ 2. DHJNF
 - ☒ 3. DTFCF
 - ☒ 4. UJHNNH

Q.13 Identify the figure that completes the pattern (rotation is NOT allowed).



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.14 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 /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)

12 : 144

13 : 169

Ans  1. 9 : 80

 2. 15 : 225

 3. 14 : 182

 4. 10 : 90

Q.15 Manu, Ram, Gaurav, Shivam, Umesh and Veer are sitting around a circular table facing the centre. Manu is sitting 2nd to the left of Ram. Gaurav is sitting 3rd to the right of Ram. Shivam is sitting 3rd to the left of Manu. Umesh is sitting 2nd to the left of Shivam. Who is sitting 2nd to the left of Manu?

Ans  1. Umesh

 2. Ram

 3. Gaurav

 4. Veer

Q.16 If G means '–', C means '×', D means '+', E means '+', then what will come in place of the question mark (?) in the following equation?

64 D 4 G 37 E 12 C 7 = ?

Ans  1. 36

 2. 89

 3. 63

 4. 71

Q.17 What should come in place of ? in the given series based on the English alphabetical order?

SDJ, UGL, WJN, YMP, ?

Ans  1. APR

 2. CPS

 3. BQS

 4. BOR

Q.18 What should come in place of ? in the given series?

31 32 35 36 39 ?

Ans  1. 43

 2. 40

 3. 41

 4. 42

Q.19 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.20 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$52 \div 6 + 71 - 168 \times 8 = ?$$

- Ans
- ☒ 1. 211
 - ☒ 2. 313
 - ☒ 3. 262
 - ☒ 4. 310

Section : **General Awareness**

Q.1 The national award of classical dance is called _____.

- Ans
- ☒ 1. Sashtriya Samman
 - ☒ 2. Jatiya Nrutya Samman
 - ☒ 3. Bharatiya Puraskar
 - ☒ 4. Abhinandan Saroja Award

Q.2 The Bhitargaon Brick temple is a fine example of architecture of which of the following periods?

- Ans
- ☒ 1. Mauryan period
 - ☒ 2. Mughal period
 - ☒ 3. Chola period
 - ☒ 4. Gupta period

Q.3 The Paika dance of Jharkhand is usually performed by the _____ tribe to welcome special respected guests or during the religious procession (Shobha Yatra).

- Ans
- ☒ 1. Oraon
 - ☒ 2. Santhal
 - ☒ 3. Bhumij
 - ☒ 4. Munda

Q.4 Milk, seafood, nuts and whole grains are high in which mineral that promotes bone health and your body's repair process?

- Ans
- ☒ 1. Fluoride
 - ☒ 2. Phosphorus
 - ☒ 3. Zinc
 - ☒ 4. Potassium

Q.5	As per the Census of India 2011, which state recorded a negative population growth rate?
Ans	 1. Sikkim  2. Kerala  3. Nagaland  4. Arunachal Pradesh
Q.6	What is a capital expenditure?
Ans	 1. Money spent on infrastructure development  2. Money spent on subsidies for farmers  3. Money spent on healthcare programmes  4. Money spent on debt servicing
Q.7	In March 2023, Rajasthan became the first state in India to provide right to ____ for its people.
Ans	 1. telecommunication  2. education  3. accommodation  4. health
Q.8	95-year-old Bhagwani Devi and 106-year-old Rambai were jointly awarded the BBC special trophy for their achievements where Devi won a gold medal in the 100 m sprint at the _____ in Tampere, Finland.
Ans	 1. 2022 World Masters Athletics Championships  2. Huntsman World Senior Games 2022  3. 2022 National Senior Games  4. Senior Sports International Meet 2022
Q.9	What is the name of the mascot of the third edition of Khelo India University Games?
Ans	 1. Shera  2. Savaj  3. Jitu  4. Moga
Q.10	Which of the following is NOT a Cabinet Committee?
Ans	 1. Appointment Committee of the Cabinet  2. Committee on Political Affairs  3. Committee on Investment and Growth  4. Committee on Conflicts among Ministers
Q.11	Which of the following is a white to yellowish solid with a weak aromatic odour purified by the process of sublimation?
Ans	 1. Orthovanadate  2. Dysprosium  3. Titanyl  4. Anthracene
Q.12	India topped the medals table in the ISSF Junior World Cup 2023. Where was this competition held?
Ans	 1. Germany  2. Italy  3. Azerbaijan  4. Australia
Q.13	Which state has the maximum number of Jute mills (as of 2022)?
Ans	 1. Assam  2. Tripura  3. Uttar Pradesh  4. West Bengal

Q.14 'Autobiography of a Yogi' is the autobiography of _____.

- Ans**
- ☐ 1. Swami Dayanand Saraswati
 - ☐ 2. Ramkrishna Paramhansa
 - ☒ 3. Paramhansa yogananda
 - ☐ 4. Swami Vivekananda

Q.15 Who is the music director of the Oscar award (2023) winning song 'Naatu Naatu'?

- Ans**
- ☒ 1. MM Keeravaani
 - ☐ 2. Anu Malik
 - ☐ 3. Uttam Singh
 - ☐ 4. AR Rahman

Q.16 What is the main role of commercial banks in the economy?

- Ans**
- ☐ 1. Controlling inflation
 - ☒ 2. Promoting economic growth and development
 - ☐ 3. Regulating the stock market
 - ☐ 4. Managing foreign exchange reserves

Q.17 'My Country My Life' is an autobiography of _____.

- Ans**
- ☒ 1. LK Advani
 - ☐ 2. Rajnath Singh
 - ☐ 3. Amit Shah
 - ☐ 4. Jaswant Singh

Q.18 Which Article of the Indian Constitution secures a living wage and a decent standard of living with social and cultural opportunities for all workers?

- Ans**
- ☐ 1. Article 39
 - ☒ 2. Article 43
 - ☐ 3. Article 40
 - ☐ 4. Article 41

Q.19 Which physiographic division of India from the following is formed of alluvial soil?

- Ans**
- ☒ 1. The Northern Plains
 - ☐ 2. The Islands
 - ☐ 3. The Peninsular Plateau
 - ☐ 4. The Himalayan Mountains

Q.20 Who founded Bhartiya Vidya Bhavan to promote education and culture?

- Ans**
- ☐ 1. Gopal Krishna Gokhale
 - ☐ 2. Dr Babasaheb Ambedkar
 - ☐ 3. Dr Atmaram Pandurang
 - ☒ 4. Dr Kanhaiyalal Maneklal Munshi

Q.21 Who was the political guru of Subhas Chandra Bose?

- Ans**
- ☐ 1. Mahatma Gandhi
 - ☐ 2. MG Ranade
 - ☐ 3. Jawahar Lal Nehru
 - ☒ 4. Chittaranjan Das

Q.22 Which musical instrument among the following does TN Rajarathnam Pillai play?

- Ans
- ☐ 1. Shehnai
 - ☐ 2. Sarangi
 - ☐ 3. Ghatam
 - ☒ 4. Nadaswaram

Q.23 Born on _____, Mohandas Karamchand Gandhi whose birthday is celebrated as Gandhi Jayanti, successfully led India's non-violence movement against the British.

- Ans
- ☐ 1. 2 October 1870
 - ☐ 2. 2 October 1867
 - ☐ 3. 2 October 1868
 - ☒ 4. 2 October 1869

Q.24 Laterite soil develops as a result of which of the following reasons?

- Ans
- ☐ 1. Sedimentation
 - ☐ 2. Compaction
 - ☒ 3. Leaching
 - ☐ 4. High temperature only

Q.25 Gaur Maria, a dance form from the state of _____, is a well-known art form of joy and invocation. It is a group dance and both, males and females enthusiastically participate in this dance.

- Ans
- ☒ 1. Chhattisgarh
 - ☐ 2. Maharashtra
 - ☐ 3. Rajasthan
 - ☐ 4. Gujarat

Section : English Language and Comprehension

Q.1 The following sentence has been split into four segments. Identify the segment that contains an error.
They had been dancing / for an hour / when our dance teacher / had arrived.

- Ans
- ☒ 1. had arrived
 - ☐ 2. when our dance teacher
 - ☐ 3. They had been dancing
 - ☐ 4. for an hour

Q.2 Select the correctly spelt word.

- Ans
- ☐ 1. Prevenseon
 - ☒ 2. Prevention
 - ☐ 3. Prevension
 - ☐ 4. Previnsion

Q.3 The following sentence has been split into four segments. Identify the segment that contains an error.
Did / her friend / went to / school yesterday?

- Ans
- ☐ 1. school yesterday
 - ☒ 2. went to
 - ☐ 3. Did
 - ☐ 4. her friend

Q.4 Select the most appropriate meaning of the underlined idiom.
The shopkeeper was sly as a fox and tried to sell off the old stock.

- Ans
- ☐ 1. in confusion or disagreement
 - ☐ 2. slow
 - ☐ 3. suspicious
 - ☒ 4. smart and clever

Q.5 Select the most appropriate option to fill in the blank.
Bhanu, the security guard, asks everyone entering my building to show their _____ card.

- Ans**
- ☐ 1. place
 - ☒ 2. identity
 - ☐ 3. name
 - ☐ 4. self

Q.6 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.
The company is looking for some _____ (idle) workers who can join the organisation immediately.

- Ans**
- ☐ 1. callous
 - ☐ 2. sober
 - ☒ 3. diligent
 - ☐ 4. coy

Q.7 Parts of the following sentence have been given as options. Select the option that contains an error.
They will start their journey after the breakfast.

- Ans**
- ☐ 1. They
 - ☐ 2. will start
 - ☒ 3. after the breakfast
 - ☐ 4. their journey

Q.8 Select the most appropriate meaning of the underlined idiom.
After years of rivalry, the two families decided to bury the hatchet.

- Ans**
- ☐ 1. To end a quarrel by never talking to each other
 - ☒ 2. To end a quarrel and become friendly
 - ☐ 3. To continue an old quarrel
 - ☐ 4. To start a new quarrel

Q.9 The following sentence has been split into four segments. Identify the segment that contains a spelling error.

Several days later, / he received a written / comeunication from the magistrate / that the case has been dropped.

- Ans**
- ☐ 1. that the case has been dropped
 - ☐ 2. Several days later,
 - ☒ 3. comeunication from the magistrate
 - ☐ 4. he received a written

Q.10 Select the most appropriate meaning of the given idiom.
Day and night

- Ans**
- ☐ 1. Adversely
 - ☐ 2. Clumsily
 - ☐ 3. Diligently
 - ☒ 4. Continuously

Q.11 Select the most appropriate ANTONYM of the given word.
Humane

- Ans**
- ☒ 1. Cruel
 - ☐ 2. Kind
 - ☐ 3. Imperfect
 - ☐ 4. Proud

Q.12 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Mohan is respected / by everyone / because he works / hardly.

- Ans**
- ☐ 1. by everyone
 - ☒ 2. hardly
 - ☐ 3. Mohan is respected
 - ☐ 4. because he works

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The Delhi administration is seriously worried about the warning to civic health posed by the polluted waters of Yamuna.

- Ans
- ☐ 1. a peril to civic health
 - ☐ 2. the notice to civic health
 - ☐ 3. the plague to civic health
 - ☒ 4. the threat to civic health

Q.14 Select the option that can be used as a one-word substitute for the given group of words.
A man whose wife is dead

- Ans
- ☐ 1. Ascetic
 - ☐ 2. Widow
 - ☒ 3. Widower
 - ☐ 4. Bachelor

Q.15 Select the most appropriate option that can substitute the underlined segment in the given sentence.
No sooner did he finished his examination than he left for his cricket training centre.

- Ans
- ☐ 1. no sooner had he finish
 - ☐ 2. no sooner than he finished
 - ☐ 3. no sooner than he did finished
 - ☒ 4. no sooner did he finish

Q.16 Select the INCORRECTLY spelt word.

- Ans
- ☐ 1. Inclusive
 - ☐ 2. Overwhelming
 - ☐ 3. Wholeness
 - ☒ 4. Legandry

Q.17 Parts of the given sentence have been underlined. One of them contains an error. The underlined parts are given as options with some changes. Select the option that correctly rectifies the error.
He is good at playing the guitar than his brother.

- Ans
- ☐ 1. to
 - ☐ 2. in playing
 - ☒ 3. is better
 - ☐ 4. guitar

Q.18 Select the option that can be used as a one-word substitute for the underlined group of words.
He simply continued to say something in order to convey information in a calm voice.

- Ans
- ☒ 1. speak
 - ☐ 2. spell
 - ☐ 3. dictate
 - ☐ 4. teach

Q.19 Select the most appropriate ANTONYM of the given word.
Humility

- Ans
- ☐ 1. Timidity
 - ☒ 2. Arrogance
 - ☐ 3. Obedience
 - ☐ 4. Shyness

Q.20 Select the most appropriate idiom to fill in the blank.
Jane, please don't tell me fairy tales; I just want to know the real matter _____.

- Ans
- ☐ 1. in a fortnight
 - ☐ 2. in the long run
 - ☒ 3. in a nutshell
 - ☐ 4. in the cold

Comprehension:

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

Effective communication is about more than just exchanging information. It's about understanding the emotion and intentions (1)_____ the information. As well as being able to clearly convey a message, you need to also (2)_____ in a way that gains the full meaning of what's being said and makes the other person feel heard and understood. For many of us, communicating more clearly and effectively requires learning some (3)_____ skills. Whether you're trying to improve communication with your spouse, kids, boss, or coworkers, learning these skills can (4)_____ your connections to others, build greater trust and respect, and (5)_____ teamwork, problem solving, and your overall social and emotional health.

SubQuestion No : 21

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

- Ans**
- ☒ 1. behind
 - ☐ 2. above
 - ☐ 3. below
 - ☐ 4. in front 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.

Effective communication is about more than just exchanging information. It's about understanding the emotion and intentions (1)_____ the information. As well as being able to clearly convey a message, you need to also (2)_____ in a way that gains the full meaning of what's being said and makes the other person feel heard and understood. For many of us, communicating more clearly and effectively requires learning some (3)_____ skills. Whether you're trying to improve communication with your spouse, kids, boss, or coworkers, learning these skills can (4)_____ your connections to others, build greater trust and respect, and (5)_____ teamwork, problem solving, and your overall social and emotional health.

SubQuestion No : 22

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

- Ans**
- ☐ 1. talk
 - ☒ 2. listen
 - ☐ 3. speak
 - ☐ 4. think

Comprehension:

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

Effective communication is about more than just exchanging information. It's about understanding the emotion and intentions (1)_____ the information. As well as being able to clearly convey a message, you need to also (2)_____ in a way that gains the full meaning of what's being said and makes the other person feel heard and understood. For many of us, communicating more clearly and effectively requires learning some (3)_____ skills. Whether you're trying to improve communication with your spouse, kids, boss, or coworkers, learning these skills can (4)_____ your connections to others, build greater trust and respect, and (5)_____ teamwork, problem solving, and your overall social and emotional health.

SubQuestion No : 23

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

- Ans**
- ☒ 1. important
 - ☐ 2. wasteful
 - ☐ 3. boring
 - ☐ 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.

Effective communication is about more than just exchanging information. It's about understanding the emotion and intentions (1)_____ the information. As well as being able to clearly convey a message, you need to also (2)_____ in a way that gains the full meaning of what's being said and makes the other person feel heard and understood. For many of us, communicating more clearly and effectively requires learning some (3)_____ skills. Whether you're trying to improve communication with your spouse, kids, boss, or coworkers, learning these skills can (4)_____ your connections to others, build greater trust and respect, and (5)_____ teamwork, problem solving, and your overall social and emotional health.

SubQuestion No : 24

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

- Ans**
- ☐ 1. hamper
 - ☐ 2. trivialise
 - ☐ 3. disturb
 - ☒ 4. deepen

Comprehension:

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

Effective communication is about more than just exchanging information. It's about understanding the emotion and intentions (1)_____ the information. As well as being able to clearly convey a message, you need to also (2)_____ in a way that gains the full meaning of what's being said and makes the other person feel heard and understood. For many of us, communicating more clearly and effectively requires learning some (3)_____ skills. Whether you're trying to improve communication with your spouse, kids, boss, or coworkers, learning these skills can (4)_____ your connections to others, build greater trust and respect, and (5)_____ teamwork, problem solving, and your overall social and emotional health.

SubQuestion No : 25

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

- Ans**
-  1. hamper
 -  2. hasten
 -  3. improve
 -  4. disturb

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	05/09/2023
Exam Time	4:00 PM - 6:00 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

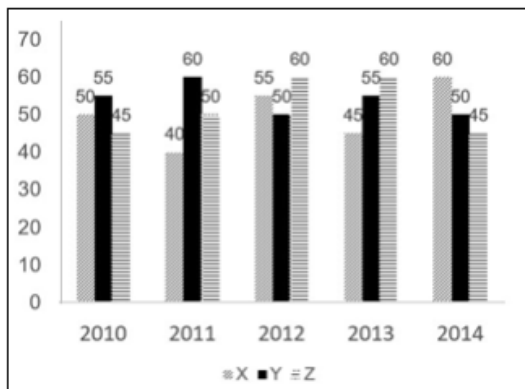
Section : Numerical and Mathematical Ability

Q.1 The diameter of the base of a right circular cylinder is 36 cm and its height is 21 cm. Find the volume of the cylinder.

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

- Ans
- ☐ 1. 2376 cm³
 - ☐ 2. 5346 cm³
 - ☐ 3. 85536 cm³
 - ☒ 4. 21384 cm³

Q.2 The graph shows the production of tyres (in Lakhs) by three different companies X, Y, and Z over the years. Directions: Study the following graph carefully to answer the question given below it.



What is the percentage increase in production of company X from 2011 to 2012?

- Ans
- ☐ 1. 35%
 - ☐ 2. 38.25%
 - ☐ 3. 32.5%
 - ☒ 4. 37.5%

Q.3 The average of the two numbers is 48. If 3 is added to a smaller number, then the ratio between them is 11 : 20. Find the larger number. (Round up to two decimal places).

- Ans
- ☐ 1. 40.87
 - ☒ 2. 63.87
 - ☐ 3. 70.87
 - ☐ 4. 3.87

Q.4 In how many years will a sum of ₹18,000 at 20% per annum compounded half yearly becomes ₹23,958?

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

Q.5 Zeenat earns 20% on an investment, but she loses 10% on another investment. If the two investments are respectively in the ratio of 3 : 5, then what is the percentage gain or loss for Zeenat on the two investments taken together?

- Ans
- ☒ 1. 1.25% Gain
 - ☐ 2. 2.25% Gain
 - ☐ 3. 2.25% Loss
 - ☐ 4. 1.25% Loss

Q.6 The table below shows the marks obtained by students A, B and C in French and Geography in an examination. The maximum marks for each subject are 100. Study the table carefully and answer the question that follows.

Student	French	Geography
A	98	100
B	89	98
C	92	99

What is the ratio of the average marks of the three students in Geography to that in French?

- Ans
- ☐ 1. 32 : 28
 - ☐ 2. 28 : 32
 - ☒ 3. 33 : 31
 - ☐ 4. 31 : 33

Q.7 Three numbers are in the ratio 3 : 5 : 7. If their LCM is 2625, find their HCF.

- Ans
- ☒ 1. 25
 - ☐ 2. 50
 - ☐ 3. 125
 - ☐ 4. 100

Q.8 Find the arithmetic mean of 28, 21, 39, 33, 36, 23.

- Ans
- ☐ 1. 26
 - ☐ 2. 32
 - ☒ 3. 30
 - ☐ 4. 28

Q.9 Rashmi and Tina can do a piece of work in 20 and 30 days, respectively. If they work at it on alternate days with Rashmi beginning, then, in how many days will the work be over?

- Ans
- ☒ 1. 24
 - ☐ 2. 26
 - ☐ 3. 12
 - ☐ 4. 28

Q.10 A train covers a certain distance with a speed of 72 km/h in the first two hours of its journey and 120 km in the next 1.5 hours. What is its average speed (in km/h, rounded off to the nearest integer) for the entire journey?

- Ans
- ☐ 1. 79
 - ☐ 2. 73
 - ☐ 3. 78
 - ☒ 4. 75

Q.11 A man and a boy can do a piece of work in 12 days. If the man works alone for the last 3 days, it is completed in 13 days. How long would the boy take to do it alone?

- Ans
- ☐ 1. 72 days
 - ☐ 2. 18 days
 - ☐ 3. 30 days
 - ☒ 4. 36 days

Q.12 An athlete crosses a 3000-m distance in 10 minutes. What is his speed (in km/h)?

- Ans
- ☐ 1. 14
 - ☒ 2. 18
 - ☐ 3. 12
 - ☐ 4. 16

Q.13 Rupees 66,000 is to be divided amongst Asha, Bhupinder and Gargi in such a way that the ratio of their shares is to be: Asha : Bhupinder = 9 : 5 and Bhupinder : Gargi = 2 : 1. How much should Asha get?

- Ans
- ☒ 1. ₹36,000
 - ☐ 2. ₹32,000
 - ☐ 3. ₹38,000
 - ☐ 4. ₹34,000

Q.14 Simplify: $\frac{\frac{1}{3} \div \frac{1}{3} \times \frac{1}{3}}{\frac{1}{3} + \frac{1}{3} - \frac{1}{3}} = ?$

- Ans
- ☐ 1. $\frac{1}{3}$
 - ☒ 2. 1
 - ☐ 3. 3
 - ☐ 4. $\frac{1}{9}$

Q.15 The length of the median of an equilateral triangle is $6\sqrt{3}$ cm. The area of the triangle is:

- Ans
- ☐ 1. $72\sqrt{3}$ cm²
 - ☒ 2. $36\sqrt{3}$ cm²
 - ☐ 3. 36 cm²
 - ☐ 4. 72 cm²

Q.16 A sum of money becomes seven times in 16 years at simple interest per annum. Find the per annum rate of interest.

- Ans
- ☐ 1. 39.2%
 - ☐ 2. 20.3%
 - ☐ 3. 25.8%
 - ☒ 4. 37.5%

Q.17 A contractor reduces the working time of a week (Monday to Saturday) from 48 hours to 36 hours for his workers without changing the payment. What is the percentage increase in the hourly rate?

- Ans
- ☐ 1. $70\frac{2}{3}\%$
 - ☒ 2. $33\frac{1}{3}\%$
 - ☐ 3. $30\frac{1}{3}\%$
 - ☐ 4. $67\frac{2}{3}\%$

Q.18 In a group of people, 70% are men and 30% are women. The average age of the men is 50 years and that of the women is 40 years. Find the average age of all the members in the group (in years).

- Ans
- ☐ 1. 45
 - ☒ 2. 47
 - ☐ 3. 46
 - ☐ 4. 48

Q.19 A swimmer swims downstream from point A to point B in 4 hours. It covers the same distance upstream in 5 hours. If the speed of the stream is 2 km/h, what is the distance between A and B:

- Ans
- ☐ 1. 100 km
 - ☐ 2. 72 km
 - ☐ 3. 60 km
 - ☒ 4. 80 km

Q.20 By selling 8 items, a shopkeeper gains the selling price of 2 items. The gain percentage of the shopkeeper is:

- Ans
- ☐ 1. 25%
 - ☐ 2. 30%
 - ☒ 3. $33\frac{1}{3}\%$
 - ☐ 4. $16\frac{2}{3}\%$

Section : Reasoning Ability and Problem Solving

Q.1 What should come in place of '?' in the given series?

22 24 28 36 52 ?

- Ans
- ☐ 1. 90
 - ☐ 2. 72
 - ☐ 3. 88
 - ☒ 4. 84

Q.2 Six people, C, D, E, F, G and H are sitting in a straight line, facing north. Only three people sit to the right of G. Only two people sit between G and E. C sits to the immediate right of F and to the immediate left of G. H is not the immediate neighbour of E.

Who are sitting between G and E?

- Ans**
- ☒ 1. F and C
 - ☒ 2. H and D
 - ☐ 3. C and D
 - ☐ 4. H and E

Q.3 In a certain code language, 'OPEN' is coded as '4582' and 'PORE' is coded as '2385'. What is the code for 'R' in the given code language?

- Ans**
- ☒ 1. 3
 - ☐ 2. 8
 - ☐ 3. 2
 - ☐ 4. 5

Q.4 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, 110

19, 190

- Ans**
- ☐ 1. 22, 440
 - ☐ 2. 51, 150
 - ☐ 3. 91, 190
 - ☒ 4. 31, 310

Q.5 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$93 \div 5 + 4 - 45 \times 5 = ?$$

- Ans**
- ☐ 1. 490
 - ☐ 2. 480
 - ☐ 3. 495
 - ☒ 4. 470

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

FQA, HTE, JWI, LZM, ?

- Ans**
- ☐ 1. OEP
 - ☒ 2. NCQ
 - ☐ 3. MDP
 - ☐ 4. ODR

Q.7 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: Some sofas are teapots. All teapots are printers. Some printers are vases.

Conclusion I: Some teapots are sofas.

Conclusion II: Some vases are printers.

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

Q.8 In a certain code language, 'CHEW' is coded as '39' and 'FORE' is coded as '44'. What is the code for 'GLIT' in the given code language?

- Ans**
- ☐ 1. 52
 - ☒ 2. 48
 - ☐ 3. 51
 - ☐ 4. 50

Q.9 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 blenders are microwaves. Some microwaves are toasters. All toasters are lamps.

Conclusion I: Some blenders are microwaves.

Conclusion II: All toasters are blenders.

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

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

_ GGHG _ _ GG _ G _

- Ans**
- ☐ 1. HGGHH
 - ☒ 2. HGHHG
 - ☐ 3. GHHGH
 - ☐ 4. HHHGH

Q.11 21 is related to 147 following a certain logic. Following the same logic, 32 is related to 224. To which of the following is 52 related to, following the same logic?

- Ans**
- ☐ 1. 346
 - ☐ 2. 365
 - ☒ 3. 364
 - ☐ 4. 356

Q.12 What should come in place of '?' in the given series?

6 25 82 253 766 ?

- Ans
- ✓ 1. 2305
 - ✗ 2. 2491
 - ✗ 3. 2485
 - ✗ 4. 2569

Q.13 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Stutter : Speech

- Ans
- ✓ 1. Astigmatism : Sight
 - ✗ 2. Blare : Hearing
 - ✗ 3. Aroma : Smell
 - ✗ 4. Novocain : Touch

Q.14 What should come in place of '?' in the given series?

5 8 17 44 125 ?

- Ans
- ✗ 1. 283
 - ✓ 2. 368
 - ✗ 3. 312
 - ✗ 4. 391

Q.15 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

M
|
F d 3 z 9 m a
|
N

- Ans
- ✗ 1. 6 m e z 3 d f
 - ✗ 2. 6 w e z 3 b f
 - ✗ 3. m a e z 3 b f
 - ✓ 4. 6 m e z 3 b f

Q.16 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

LV_J _VFJ T_GJ XVH_ BV_J

- Ans
- ✓ 1. EPVJI
 - ✗ 2. DBRPE
 - ✗ 3. EJBLR
 - ✗ 4. DVJLE

Q.17 Which figure should replace the question mark (?) if the following figure series were to be continued?

C	P	A	X	↑	P	P	A	X	C	⊖	A	
	⊖			C			↑			P		?
X		↑	⊖		A	C		⊖	↑		X	

Ans

✓ 1.

A	X	C
	⊖	
P		↑

✗ 2.

A	P	X
	⊖	
C		↑

✗ 3.

A	P	C
	⊖	
X		↑

✗ 4.

A	X	P
	C	
⊖		↑

Q.18 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

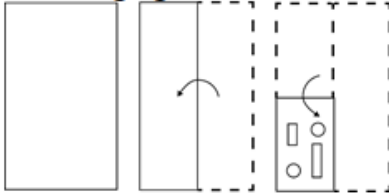
$$92 + 18 \div 2 - 125 \times 25 = ?$$

- Ans
- ✗ 1. 51
 - ✗ 2. 41
 - ✓ 3. 61
 - ✗ 4. 71

Q.19 The position of how many letters will remain unchanged if each of the letter in the word 'TIMES' is arranged in alphabetical order?

- Ans**
- ☐ 1. One
 - ☐ 2. Four
 - ☒ 3. Two
 - ☐ 4. None

Q.20 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?



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

Section : **General Awareness**

Q.1 Who was the Iranian ruler who attacked the city of Delhi and took away an immense amount of wealth in 1739?

- Ans**
- ☐ 1. Ahmad Shah Abdali
 - ☐ 2. Ahmad Shah Qajar
 - ☐ 3. Abbas I
 - ☒ 4. Nadir Shah

Q.2 What does the acronym 'ATM' stand for?

- Ans**
- ☒ 1. Automated Teller Machine
 - ☐ 2. Automated Transaction Management
 - ☐ 3. All-Time Money
 - ☐ 4. Account Tracking Module

Q.3 Who is the nominal executive authority of India?

- Ans**
- ☐ 1. Vice President
 - ☒ 2. President
 - ☐ 3. Prime Minister
 - ☐ 4. Attorney General

Q.4 In which type of forests are Mahogany, Rosewood and Cinchona trees found in India?

- Ans**
- ☒ 1. Tropical Evergreen forests
 - ☐ 2. Montane forests
 - ☐ 3. Mangrove forests
 - ☐ 4. Tropical Deciduous forests

Q.5 Which of the following musicians is popularly known as 'Panchamda'?

- Ans**
- ☐ 1. Khayam
 - ☐ 2. Naushad
 - ☐ 3. Ravi
 - ☒ 4. RD Burman

Q.6 Select from among the given options the autobiography of Milkha Singh.

- Ans**
- ☐ 1. The Test of My Life
 - ☐ 2. A Shot at History
 - ☐ 3. One Life Is Not Enough
 - ☒ 4. The Race of My Life

Q.7 In the process of cell division, the formation of phragmoplast between the two daughter nuclei occurs during:

- Ans**
- ☐ 1. the S phase
 - ☒ 2. the cytokinesis
 - ☐ 3. the G0 phase
 - ☐ 4. the karyokinesis

Q.8 The South China Sea is a part of which of the following oceans?

- Ans**
- ☒ 1. Pacific Ocean
 - ☐ 2. Arctic Ocean
 - ☐ 3. Indian Ocean
 - ☐ 4. Southern Ocean

Q.9 Identify the WRONG pair of dancer and the related dance form from the following.

- Ans**
- ☐ 1. Trilochan Mohanta - Chhau
 - ☐ 2. Sruti Bandopadhyay - Manipuri
 - ☐ 3. Meenakshi Chitharanjan - Bharatanatyam
 - ☒ 4. Kumkum Dhar - Kuchipudi

Q.10 Who had founded the first Women's University in India?

- Ans**
- ☐ 1. Sayed Ahmed Khan
 - ☒ 2. Dhondo Keshav Karve
 - ☐ 3. Ashutosh Mukherjee
 - ☐ 4. William Hunter

Q.11 In which of the following States was the third edition of Khelo India University Games held?

- Ans**
-  1. New Delhi
 -  2. Uttar Pradesh
 -  3. Punjab
 -  4. Jharkhand

Q.12 Mahari Dance and Gotipua Dance belongs to which of the following states?

- Ans**
-  1. Uttar Pradesh
 -  2. Bihar
 -  3. Odisha
 -  4. Haryana

Q.13 The 'Mukteshwar' dance festival is held from 14th to 16th January at the Mukteshwar temple in the state of _____.

- Ans**
-  1. Himachal Pradesh
 -  2. Madhya Pradesh
 -  3. Odisha
 -  4. Uttarakhand

Q.14 In which state is the Sanchi Stupa situated?

- Ans**
-  1. Madhya Pradesh
 -  2. Uttar Pradesh
 -  3. Gujarat
 -  4. Bihar

Q.15 The official language of which neighbouring country of India is 'Dhivehi'?

- Ans**
-  1. China
 -  2. Sri Lanka
 -  3. Bhutan
 -  4. Maldives

Q.16 In which state of India is shifting cultivation known as Bringa?

- Ans**
-  1. Madhya Pradesh
 -  2. Odisha
 -  3. Manipur
 -  4. Andhra Pradesh

Q.17 Pandit Bhimsen Joshi belonged to the _____ Gharana.

- Ans**
-  1. Kirana
 -  2. Dilli
 -  3. Banaras
 -  4. Agra

Q.18 Which country did India beat in the final to win the 2023 Intercontinental Cup Football championship?

- Ans**
-  1. Mongolia
 -  2. Vanuatu
 -  3. Lebanon
 -  4. Thailand

Q.19 Who among the following is the author of the book, 'Unfinished: A Memoir'?

- Ans**
-  1. Alia Bhatt
 -  2. Kareena Kapoor
 -  3. Deepika Padukone
 -  4. Priyanka Chopra

Q.20 Devendra Jhajharia won which medal/place in World Para Athletics Grand Prix?

- Ans**
- ☐ 1. Bronze
 - ☐ 2. Fourth
 - ☐ 3. Gold
 - ☒ 4. Silver

Q.21 Which of the following is NOT a directive principle of state policy?

- Ans**
- ☒ 1. Reside in any part of India
 - ☐ 2. Protection of monuments
 - ☐ 3. Separation of the judiciary from executive
 - ☐ 4. Uniform civil code

Q.22 Why is it important to distinguish between final and intermediate goods/services in national income accounting?

- Ans**
- ☐ 1. It provides insights into the distribution of income among different sectors.
 - ☐ 2. It helps determine the overall quality of goods and services produced.
 - ☐ 3. It helps track changes in consumer preferences and market demand.
 - ☒ 4. It allows for more accurate measurement of economic growth and productivity.

Q.23 Lebang Boomani dance is the harvest dance of _____.

- Ans**
- ☐ 1. Assam
 - ☐ 2. Mizoram
 - ☐ 3. Meghalaya
 - ☒ 4. Tripura

Q.24 How many elements are listed in the modern periodic table?

- Ans**
- ☐ 1. 107
 - ☒ 2. 118
 - ☐ 3. 91
 - ☐ 4. 81

Q.25 Under which scheme of Airport Authority of India did the Jammu and Kashmir Lieutenant Governor inaugurate UMEED Market Place at Srinagar international airport for supporting local art and artisans of Self Help Groups of J&K Rural Livelihood Mission?

- Ans**
- ☒ 1. AVSAR Scheme
 - ☐ 2. AAKAR Scheme
 - ☐ 3. ASAR Scheme
 - ☐ 4. AKASH Scheme

Section : **English Language and Comprehension**

Q.1 Select the option that can be used as a one-word substitute for the given group of words.
A thing which happens every two years

- Ans**
- ☐ 1. Century
 - ☐ 2. Annual
 - ☒ 3. Biennial
 - ☐ 4. Bi-monthly

Q.2 Select the most appropriate meaning of the given idiom.
To keep one's temper

- Ans**
- ☐ 1. To become angry
 - ☐ 2. To meet with disaster
 - ☒ 3. To remain calm
 - ☐ 4. To become impatient

Q.3 Select the option that can be used as a one-word substitute for the given phrase.
A person who is known for his hatred towards the entire mankind.

- Ans**
- ☐ 1. Mercenary
 - ☐ 2. Philogynist
 - ☒ 3. Misanthrope
 - ☐ 4. Insolvent

Q.4 Select the correct spelling of the underlined word in the following sentence.

Today's lecture had a profond impact on my friend.

- Ans**
- ☐ 1. prefound
 - ☐ 2. profoun
 - ☐ 3. prufound
 - ☒ 4. profound

Q.5 Select the most appropriate option that can substitute the underlined words in the following sentence.
Ramya's shoes are polish by her granddaughter.

- Ans**
- ☐ 1. polishes
 - ☒ 2. are polished
 - ☐ 3. had polished
 - ☐ 4. is polish

Q.6 Select the most appropriate synonym of the given word.
Design

- Ans**
- ☐ 1. Destroy
 - ☐ 2. Copy
 - ☐ 3. Inspect
 - ☒ 4. Fabricate

Q.7 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.
For an all-too-brief period between the late 1980s and the late 2000s, a world was characterised by convergence.

- Ans**
- ☐ 1. For an all-too-brief
 - ☐ 2. between the late
 - ☐ 3. characterised by
 - ☒ 4. a world was

Q.8 Select the option that can be used as a one-word substitute for the given phrase.
A poem of lamentation on the death of someone loved and admired.

- Ans**
- ☒ 1. Elegy
 - ☐ 2. Tragedy
 - ☐ 3. Soliloquy
 - ☐ 4. Epitaph

Q.9 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.
I will going on an official tour next week.

- Ans**
- ☐ 1. on
 - ☐ 2. next week
 - ☐ 3. an official tour
 - ☒ 4. will going

Q.10 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
Some / private banks / pay their employees / good.

- Ans**
- ☐ 1. pay their employees
 - ☐ 2. Some
 - ☐ 3. private banks
 - ☒ 4. good

Q.11 The sentence given below has spelling errors. Select the sentence without spelling errors.
Let us appreciate, support and contribute our might to the promotional efforts of the community in this direction.

- Ans**
- ☒ 1. Let us appreciate, support and contribute our might to the promotional efforts of the community in this direction.
 - ☒ 2. Let us appreciate, support and contribute our might to the promotional efforts of the community in this direction.
 - ☒ 3. Let us appreciate, support and contribute our might to the promotion all efforts of the community in this direction.
 - ☒ 4. Let us appreciate, suport and contribute our might to the promotional efforts of the community in this direction.

Q.12 Select the most appropriate option to fill in the blank.
The team had a _____ with respect to the proposal given by Mr. Albert.

- Ans**
- ☒ 1. descussion
 - ☒ 2. diskassion
 - ☒ 3. discussion
 - ☒ 4. discusion

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

- Ans**
- ☒ 1. Tall
 - ☒ 2. Ugly
 - ☒ 3. Graceful
 - ☒ 4. Mighty

Q.14 Parts of the following sentence have been given as options. Select the option that contains an error.
Jaya said that she will become topper in her class.

- Ans**
- ☒ 1. that
 - ☒ 2. she will become topper
 - ☒ 3. Jaya said
 - ☒ 4. in her class

Q.15 Select the most appropriate meaning of the given idiom.

Break the ice

- Ans**
- ☒ 1. To say something mean to people in a group
 - ☒ 2. To say something that makes people who are meeting for the first time more comfortable
 - ☒ 3. To say something that makes strangers uncomfortable
 - ☒ 4. To say something that makes people excited for a group project

Q.16 Select the most appropriate ANTONYM of the underlined word.
His amazing performance made him famous.

- Ans**
- ☒ 1. Binary
 - ☒ 2. Colliery
 - ☒ 3. Adversary
 - ☒ 4. Ordinary

Q.17 Select the most appropriate meaning of the given idiom.
To get cold feet

- Ans**
- ☒ 1. To run for life
 - ☒ 2. To be indifferent
 - ☒ 3. To fall sick
 - ☒ 4. To be afraid

Q.18 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The food was too salty eat this morning.

- Ans**
- ☒ 1. eating
 - ☒ 2. ate
 - ☒ 3. to eat
 - ☒ 4. to ate

Q.19 Parts of the following sentence have been given as options. Select the option that contains an error.
Shelley and Keats are great writers, but I prefer the last.

- Ans**
- ☒ 1. but I prefer
 - ☒ 2. are great writers
 - ☒ 3. Shelley and Keats
 - ☒ 4. the last

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

I don't think you should go out in the rain, it's _____.

- Ans**
- ☒ 1. rain on cats and dogs
 - ☒ 2. storming cats and dogs
 - ☒ 3. raining dogs and puppies
 - ☒ 4. raining cats and dogs

Comprehension:

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 (1)_____ of the most fundamental aspects of human communication and interaction. It allows people from different cultures to connect and (2) _____ ideas. While many individuals grow up learning just one language, there are a variety of reasons why learning a second language can be beneficial. (3) _____, it can improve cognitive abilities, enhance job prospects and facilitate travel and cultural immersion. (4)_____ proficiency in a second language is an invaluable asset for personal growth as well as professional development. Audio-video mediums such as (5)_____ are among the best ways to learn a second language as they allow learners to engage with cultural content.

SubQuestion No : 21

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

- Ans**
- ☒ 1. one
 - ☒ 2. two
 - ☒ 3. three
 - ☒ 4. four

Comprehension:

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 (1)_____ of the most fundamental aspects of human communication and interaction. It allows people from different cultures to connect and (2) _____ ideas. While many individuals grow up learning just one language, there are a variety of reasons why learning a second language can be beneficial. (3) _____, it can improve cognitive abilities, enhance job prospects and facilitate travel and cultural immersion. (4)_____ proficiency in a second language is an invaluable asset for personal growth as well as professional development. Audio-video mediums such as (5)_____ are among the best ways to learn a second language as they allow learners to engage with cultural content.

SubQuestion No : 22

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

- Ans**
- ☒ 1. sharing
 - ☒ 2. shared
 - ☒ 3. shares
 - ☒ 4. share

Comprehension:

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 (1)_____ of the most fundamental aspects of human communication and interaction. It allows people from different cultures to connect and (2) _____ ideas. While many individuals grow up learning just one language, there are a variety of reasons why learning a second language can be beneficial. (3) _____, it can improve cognitive abilities, enhance job prospects and facilitate travel and cultural immersion. (4)_____ proficiency in a second language is an invaluable asset for personal growth as well as professional development. Audio-video mediums such as (5)_____ are among the best ways to learn a second language as they allow learners to engage with cultural content.

SubQuestion No : 23

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

- Ans**
- ☒ 1. Therefore
 - ☒ 2. For example
 - ☒ 3. As it is
 - ☒ 4. However

Comprehension:

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 (1)_____ of the most fundamental aspects of human communication and interaction. It allows people from different cultures to connect and (2)_____ ideas. While many individuals grow up learning just one language, there are a variety of reasons why learning a second language can be beneficial. (3)_____, it can improve cognitive abilities, enhance job prospects and facilitate travel and cultural immersion. (4)_____ proficiency in a second language is an invaluable asset for personal growth as well as professional development. Audio-video mediums such as (5)_____ are among the best ways to learn a second language as they allow learners to engage with cultural content.

SubQuestion No : 24

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

- Ans**
- ☒ 1. Acquiring
 - ☐ 2. Acquired
 - ☐ 3. Acquires
 - ☐ 4. Acquire

Comprehension:

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 (1)_____ of the most fundamental aspects of human communication and interaction. It allows people from different cultures to connect and (2)_____ ideas. While many individuals grow up learning just one language, there are a variety of reasons why learning a second language can be beneficial. (3)_____, it can improve cognitive abilities, enhance job prospects and facilitate travel and cultural immersion. (4)_____ proficiency in a second language is an invaluable asset for personal growth as well as professional development. Audio-video mediums such as (5)_____ are among the best ways to learn a second language as they allow learners to engage with cultural content.

SubQuestion No : 25

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

- Ans**
- ☐ 1. images
 - ☐ 2. podcasts
 - ☐ 3. books
 - ☒ 4. films

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	06/09/2023
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 Two trains of equal length are running on parallel lines in the same direction at 36 km/h and 54 km/h. The faster train passes the slower train in 48 seconds. The length of each train (in m) is:

- Ans
- ☐ 1. 80
 - ☐ 2. 160
 - ☒ 3. 120
 - ☐ 4. 240

Q.2 Surjeet alone can finish an assignment in 8 days and Manjeet alone can finish the same assignment in 6 days. Surjeet and Manjeet decided to do this assignment by working on alternate days, starting with Surjeet. In how many days will the assignment be finished?

- Ans
- ☐ 1. 7.5 days
 - ☐ 2. 8 days
 - ☒ 3. 7 days
 - ☐ 4. 8.5 days

Q.3 A thief is spotted by a policeman from a distance of 108 m. The thief starts running and the policeman chases him. If the speed of the thief and policeman are 21 km/h and 23 km/h, respectively, then how far will the thief have to run (in m) before he is overtaken by the policeman?

- Ans
- ☒ 1. 1134
 - ☐ 2. 2534
 - ☐ 3. 3121
 - ☐ 4. 1216

Q.4 A certain sum is to be divided between A, B, and C in the ratio 2 : 5 : 7. But by mistake, it was divided in the ratio 5 : 2 : 7. Thus B loses by ₹150. Find the sum.

- Ans
- ☒ 1. ₹700
 - ☐ 2. ₹850
 - ☐ 3. ₹625
 - ☐ 4. ₹900

Q.5 The average weight of 20 students of a class was 30.5 kg. After 6 new students joined the class, its average weight increased by 2 kg. Find the average weight of the 6 new students who joined the class (rounded off to one decimal place).

- Ans
- ☐ 1. 32.5 kg
 - ☒ 2. 39.2 kg
 - ☐ 3. 38.5 kg
 - ☐ 4. 30.5 kg

Q.6 A batsman makes 96 runs in the 13th innings and thus his average increases by 3. Find his average after 13 innings.

- Ans
- ☐ 1. 50
 - ☐ 2. 65
 - ☒ 3. 60
 - ☐ 4. 70

Q.7 What is the length of the longest pole that can be placed in an indoor stadium 24 m long, 18 m wide and 16 m high?

- Ans
- ☐ 1. 38 m
 - ☐ 2. 42 m
 - ☐ 3. 36 m
 - ☒ 4. 34 m

Q.8 Four books and eight pens were bought for ₹260. If the average price of a book is ₹35, then the average price of a pen would be:

- Ans
- ☐ 1. ₹5
 - ☐ 2. ₹10
 - ☐ 3. ₹31
 - ☒ 4. ₹15

Q.9 Simplify the following expression.

$$45 - 22 \div 2 + 12 + 70 \div 35 + 0.4 \div 0.8 + 1.5 \div 3 + 1$$

- Ans
- ☐ 1. 50.5
 - ☐ 2. 48.5
 - ☐ 3. 54.5
 - ☒ 4. 50

Q.10 Two numbers are in the ratio of 2 : 5. Their LCM is 80. Find the numbers.

- Ans
- ☐ 1. 16 , 38
 - ☐ 2. 18 , 38
 - ☒ 3. 16 , 40
 - ☐ 4. 14 , 36

Q.11 Find the simple interest (in ₹) on ₹5,400 for 7 years at 4% per annum.

- Ans
- ☒ 1. 1,512
 - ☐ 2. 1,380
 - ☐ 3. 1,172
 - ☐ 4. 1,230

Q.12 The profit obtained by a vendor on selling goods at ₹3,200 is equal to $\frac{7}{5}$ th of the profit obtained by selling the same goods at ₹3,000. What is the cost price (in ₹) of the goods?

- Ans
- ☐ 1. 2,700
 - ☐ 2. 2,400
 - ☒ 3. 2,500
 - ☐ 4. 2,900

Q.13 If the sides of a triangle are in the ratio 3 : 4 : 5 and its perimeter is 24 m, then find the area of the triangle.

- Ans
- ☐ 1. 37 m^2
 - ☐ 2. 32 m^2
 - ☒ 3. 24 m^2
 - ☐ 4. 16 m^2

Q.14 Study the given table and answer the question that follows.

The table shows the centre and post-wise number of candidates.

Centre	Officer	Clerk	Supervisor	Field Officer
Mumbai	12000	18000	8000	200
Chennai	8000	10000	6000	100
Hyderabad	10000	12000	7000	150
Bengaluru	9000	6000	5000	80
Kolkata	14000	18000	6500	120

Which centre has the highest number of candidates?

- Ans
- ☒ 1. Kolkata
 - ☐ 2. Mumbai
 - ☐ 3. Hyderabad
 - ☐ 4. Chennai

Q.15 X can type 8 pages in 3 minutes. Y can type 3 pages in 5 minutes. Working together, how many pages can they type in 15 minutes?

- Ans
- ☐ 1. 42
 - ☐ 2. 40
 - ☐ 3. 46
 - ☒ 4. 49

Q.16 A spends 20% of the daily income. If the expenditure is ₹250, then the daily income is:

- Ans
- ☐ 1. ₹800
 - ☐ 2. ₹1,500
 - ☐ 3. ₹2,500
 - ☒ 4. ₹1,250

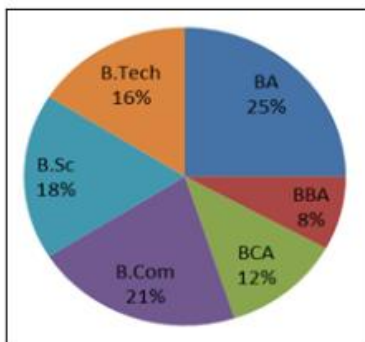
Q.17 What is the difference between the compound interest, interest compounded half yearly on ₹72,000 for 1.5 years at 10% per annum and its simple interest for 3 years at 5% per annum?

- Ans
- ☐ 1. ₹449
 - ☐ 2. ₹559
 - ☒ 3. ₹549
 - ☐ 4. ₹540

Q.18 The fourth proportional to 1.5, 4.8 and 8 is:

- Ans
- ☐ 1. 24.5
 - ☒ 2. 25.6
 - ☐ 3. 22.6
 - ☐ 4. 26.5

Q.19 The pie chart shows the percentage of students studying different courses in a college.
The ratio between the number of students studying in BCA and B.sc, if the total number of students is 1200, is:



- Ans
- ☐ 1. 7 : 9
 - ☐ 2. 14 : 27
 - ☐ 3. 32 : 63
 - ☒ 4. 2 : 3

Q.20 By selling a book at some price, Ankita gains 10%. If the book is sold at twice the price, then what will be the gain percentage for Ankita?

- Ans
- ☐ 1. 100%
 - ☒ 2. 120%
 - ☐ 3. 125%
 - ☐ 4. 140%

Q.1 In a certain code language, 'CHORAL' is coded as 'OHCLAR' and 'FOREGO' is coded as 'ROFOGE'. What is the code for 'GALLEY' in the given code language?

- Ans
- ☒ 1. YELLAG
 - ☒ 2. GYALLE
 - ☒ 3. LAGYEL
 - ☒ 4. ELLAGY

Q.2 Which figure should replace the question mark (?) if the following figure series were to be continued?

6	☆	☆	B	U	H	H	B	
U	B	H	□	6	U	☆	B	Z
Z	□	H	Z	6	□	Z	6	?

Ans

- ☒ 1.

6		Z
☆	H	□
B		U
- ☒ 2.

6		☆
B	H	Z
□		U
- ☒ 3.

6		Z
☆	B	□
U		H
- ☒ 4.

☆		Z
H	B	6
U		□

Q.3 If 4 November 2021 is a Thursday, then what will be the day of the week on 13 May 2023?

- Ans
- ☒ 1. Monday
 - ☒ 2. Sunday
 - ☒ 3. Saturday
 - ☒ 4. Friday

Q.4 In a certain code language, 'NAME' is coded as '2473' and 'MEND' is coded as '7642'. What is the code for 'D' in the given code language?

- Ans**
- ☐ 1. 7
 - ☐ 2. 4
 - ☐ 3. 2
 - ☒ 4. 6

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, 720, 9)
(16, 800, 5)

- Ans**
- ☐ 1. 7, 125, 8
 - ☐ 2. 13, 169, 5
 - ☒ 3. 18, 1260, 7
 - ☐ 4. 14, 238, 5

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 buildings are chalks. No chalk is a toffee.

Conclusions:

(I) No building is a toffee.

(II) All chalks are buildings.

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

Q.7 What should come in place of ? in the given series based on the English alphabetical order?

LPA, PSY, TVW, XYU, ?

- Ans**
- ☐ 1. CDS
 - ☒ 2. BBS
 - ☐ 3. DCR
 - ☐ 4. CBR

Q.8 What should come in place of ? in the given series based on the English alphabetical order?

TOY, UQB, VSE, WUH, ?

- Ans**
- ☐ 1. YVJ
 - ☒ 2. XWK
 - ☐ 3. YUI
 - ☐ 4. ZWI

Q.9 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 cakes are biscuits. Some biscuits are tarts. All tarts are puddings.

Conclusion I: Some biscuits are cakes.

Conclusion II: Some puddings are biscuits.

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

Q.10 What should come in place of ? in the given series?

64 61 55 46 34 ?

- Ans**
- ☐ 1. 15
 - ☒ 2. 19
 - ☐ 3. 21
 - ☐ 4. 24

Q.11 If 'I' stands for '+', 'J' stands for '×', 'K' stands for '÷' and 'L' stands for '-', what will come in place of the question mark (?) in the following equation?
105 L (72 K 9) I 43 L (9 J 4) = ?

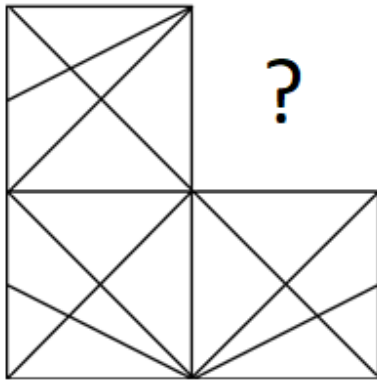
- Ans**
- ☐ 1. 126
 - ☐ 2. 106
 - ☐ 3. 114
 - ☒ 4. 104

Q.12 What should come in place of '?' in the given series?

24 103 498 2473 12348 ?

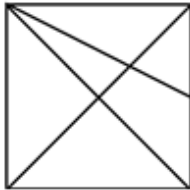
- Ans**
- ☒ 1. 61723
 - ☐ 2. 63487
 - ☐ 3. 60983
 - ☐ 4. 62457

Q.13 Identify the figure that completes the pattern (rotation is NOT allowed).

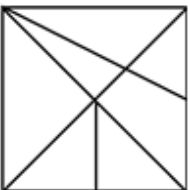


Ans

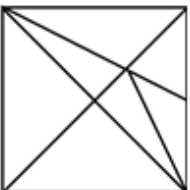
✓ 1.



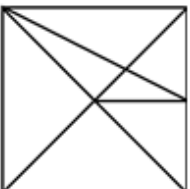
✗ 2.



✗ 3.



✗ 4.



Q.14 8 is related to 40 following a certain logic. Following the same logic, 3 is related to 15. To which of the following is 52 related to, following the same logic?

Ans

✓ 1. 260

✗ 2. 263

✗ 3. 261

✗ 4. 262

Q.15 What should come in place of '?' in the given series?

77 754 ? 75224 752224 7522224 75222224

Ans

✓ 1. 7524

✗ 2. 7425

✗ 3. 7544

✗ 4. 7254

Q.16 LCNT is related to NEPV in a certain way based on the English alphabetical order. In the same way, HBER is related to JDGT. To which of the following is OSCF related to, following the same logic?

- Ans**
- ✓ 1. QUEH
 - ✗ 2. QVEI
 - ✗ 3. RVEH
 - ✗ 4. PUDJ

Q.17 E, F, G, H, I and J are sitting around a circular table facing the center. J sits immediate left of I. G sits second to the right of I. E sits second to the right of G. H sits second to the left of F. Who sits third to the right of E?

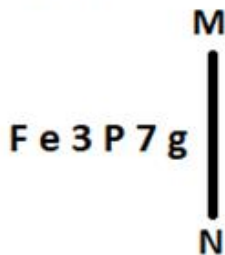
- Ans**
- ✓ 1. H
 - ✗ 2. I
 - ✗ 3. J
 - ✗ 4. F

Q.18 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$111 \times 3 - 13 \div 3 + 26 = ?$$

- Ans**
- ✗ 1. 60
 - ✓ 2. 50
 - ✗ 3. 40
 - ✗ 4. 70

Q.19 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans**
- ✗ 1. g 7 d 3 e 7
 - ✓ 2. g 7 9 3 e 7
 - ✗ 3. g 7 d 3 e 7
 - ✗ 4. g 7 9 e 3 7

Q.20 What should come in place of ? in the given series based on the English alphabetical order?

UDM, XGP, AJS, DMV, ?

- Ans**
- ✗ 1. FOY
 - ✗ 2. FPX
 - ✓ 3. GPY
 - ✗ 4. EOX

Q.1 Which chemical element with atomic number 35 has a dark reddish-brown liquid with a burning pungent odour?

- Ans**
-  1. Astatine
 -  2. Tennessine
 -  3. Chlorine
 -  4. Bromine

Q.2 _____ is one of the most important festivals of Kamakhya temple of Guwahati. It is held every year during the monsoon (mid-June) season, when the temple is closed for three days for tantric rites.

- Ans**
-  1. Baishagu
 -  2. Ambubachi
 -  3. Bihu
 -  4. Me-Dum-Me-Phi

Q.3 Which of the following autobiographies is NOT correctly matched with the concerned cricketer?

- Ans**
-  1. The Test of My Life: From Cricket to Cancer and Back – Yuvraj Singh
 -  2. Playing it My Way – VVS Laxman
 -  3. Straight from the Heart – Kapil Dev
 -  4. Cricket Delightful – Mushtaq Ali

Q.4 Where was the Hindustan Socialist Republican Association founded in 1928?

- Ans**
-  1. Amritsar
 -  2. Lucknow
 -  3. Kanpur
 -  4. Delhi

Q.5 Mumbai Indians defeated which team to win Women's Premier League in March, 2023?

- Ans**
-  1. UP Warriors
 -  2. Delhi Capitals
 -  3. Gujarat Giants
 -  4. Royal Challengers

Q.6 The stretch between Mumbai to Goa of western coast of India is known as _____.

- Ans**
-  1. Coromandel coast
 -  2. Kannada Plain
 -  3. Konkan coast
 -  4. Malabar Coast

Q.7 The Songi Mukhawate dance of _____ celebrates the victory of truth over falsehood. The name of the dance is derived from the two lion masks worn by two dancers who represent Narasimha, an aspect of Lord Vishnu.

- Ans**
-  1. Jharkhand
 -  2. Madhya Pradesh
 -  3. Gujarat
 -  4. Maharashtra

Q.8 26 January was selected as the date of the inauguration of the Constitution because on the same date in 1930, the Indian National Congress had revealed _____.

- Ans**
-  1. Namak Satyagraha
 -  2. Khilafat Movement
 -  3. Quit India Movement
 -  4. Purna Swaraj Movement

Q.9 Who among the following is best known for creating a fusion style of dance by adapting European theatrical techniques to Indian classical dance?

- Ans**
- ☐ 1. Gopi Krishna
 - ☒ 2. Uday Shankar
 - ☐ 3. Sonal Mansingh
 - ☐ 4. Yamini Krishnamurthy

Q.10 What is the source of Directive Principles of State Policy?

- Ans**
- ☐ 1. The instrument of instructions from GOI Act 1919
 - ☐ 2. The instrument of instructions from GOI Act 1947
 - ☒ 3. The instrument of instructions from GOI Act 1935
 - ☐ 4. The instrument of instructions from GOI Act 1909

Q.11 In which city is the Kamakhya temple situated?

- Ans**
- ☐ 1. Indore
 - ☐ 2. Dehradun
 - ☐ 3. Bhopal
 - ☒ 4. Guwahati

Q.12 Which Indian musical legend is credited with composing Talas such as Trimukhi, Panchamukhi, Saptamukhi and Navamukhi?

- Ans**
- ☐ 1. KJ Yesudas
 - ☐ 2. Bade Ghulam Ali Khan
 - ☐ 3. Pandit Jasraj
 - ☒ 4. M Balamuralikrishna

Q.13 Which of the following is a key objective of Micro Finance Institutions in India?

- Ans**
- ☐ 1. Providing loans exclusively to women entrepreneurs
 - ☒ 2. Promoting financial inclusion and poverty alleviation
 - ☐ 3. Maximising profits for shareholders
 - ☐ 4. Encouraging large-scale industrialisation

Q.14 According to the Human Development Report 2021-22, what is the rank of India among 191 countries?

- Ans**
- ☐ 1. 117
 - ☒ 2. 132
 - ☐ 3. 148
 - ☐ 4. 180

Q.15 What is the name of the scheme launched by Uttar Pradesh government to boost milk production?

- Ans**
- ☒ 1. Nand Baba Milk Mission
 - ☐ 2. Krishna Balram Milk Mission
 - ☐ 3. Gokul Milk Mission
 - ☐ 4. Gwa Ras Mission

Q.16 Which Article of the Constitution of India provides for a Council of Ministers with the Prime Minister at the head to aid and advice the President in the exercise of the President's functions?

- Ans**
- ☐ 1. Article 71
 - ☐ 2. Article 77
 - ☒ 3. Article 74
 - ☐ 4. Article 72

Q.17 What does El Niño refer to?

- Ans**
- ☐ 1. High air pressure
 - ☒ 2. Hot water current
 - ☐ 3. Low air pressure
 - ☐ 4. Pressure water current

Q.18 For which community was a journal Rast Goftar started for the purpose of social-religious reforms?

- Ans**
- ☒ 1. Parsis
 - ☐ 2. Muslim
 - ☐ 3. Hindu
 - ☐ 4. Sikhs

Q.19 Which process is sometimes called "reduction division" because it reduces the number of chromosomes to half the normal number to form sperm and eggs?

- Ans**
- ☐ 1. Amitosis
 - ☐ 2. Karyokinesis
 - ☒ 3. Meiosis
 - ☐ 4. Cytokinesis

Q.20 Which of the following statements best defines a Micro Finance Institution (MFI)?

- Ans**
- ☐ 1. MFIs are government agencies that regulate the microfinance sector.
 - ☒ 2. MFIs are non-profit organisations that provide financial services to low-income individuals and small businesses.
 - ☐ 3. MFIs are banks that provide loans only to large corporations.
 - ☐ 4. MFIs are investment firms that cater exclusively to high-net-worth individuals.

Q.21 How many classical dance forms does the Sangeet Natak Akademi in India officially recognise, as of August 2021?

- Ans**
- ☐ 1. 6
 - ☐ 2. 7
 - ☒ 3. 8
 - ☐ 4. 9

Q.22 Where was the 13th Hockey India senior women's national hockey championship held?

- Ans**
- ☐ 1. New Delhi
 - ☐ 2. Punjab
 - ☐ 3. Karnataka
 - ☒ 4. Andhra Pradesh

Q.23 The Guide is a 1958 novel written in English by the Indian author _____.

- Ans**
- ☒ 1. RK Narayan
 - ☐ 2. Khushwant Singh
 - ☐ 3. Nirad Chaudhuri
 - ☐ 4. Mulk Raj Anand

Q.24 In which year did Pakistan win the Kabaddi (Circle style) World Cup?

- Ans**
- ☐ 1. 2016
 - ☐ 2. 2014
 - ☐ 3. 2013
 - ☒ 4. 2020

Q.25 The North–South corridor, which is a part of the Golden Quadrilateral super highways, links which two cities of India from the following?

- Ans**
- ☒ 1. Srinagar and Kanyakumari
 - ☐ 2. Jammu and Kanyakumari
 - ☐ 3. Delhi and Chennai
 - ☐ 4. Leh and Chennai

Section : **English Language and Comprehension**

Q.1 Select the most appropriate ANTONYM of the given word.
Annoy

- Ans**
- ☒ 1. Gratify
 - ☐ 2. Vex
 - ☐ 3. Irritate
 - ☐ 4. Thrill

Q.2 Parts of the following sentence have been given as options. Select the option that contains an error.

A old woman suddenly laughed, sounding just like an amused hen.

- Ans**
- ☐ 1. suddenly laughed
 - ☒ 2. A old woman
 - ☐ 3. like an amused hen
 - ☐ 4. sounding just

Q.3 There is a spelling error in the given sentence. Select the option that contains the INCORRECTLY spelt word.
The questionnaire appeared to be misrably designed.

- Ans**
- ☐ 1. designed
 - ☐ 2. questionnaire
 - ☐ 3. appeared
 - ☒ 4. misrably

Q.4 Select the most appropriate meaning of the given idiom.
A storm in a teacup

- Ans**
- ☐ 1. Easy money
 - ☐ 2. A signal for upcoming storm
 - ☐ 3. Suffering in silence
 - ☒ 4. Much excitement over something trivial

Q.5 Parts of the following sentence have been given as options. Select the option that contains an error.
Vikram is very stronger than I am.

- Ans**
- ☐ 1. I am
 - ☐ 2. than
 - ☒ 3. very stronger
 - ☐ 4. Vikram is

Q.6 Select the most appropriate meaning of the given idiom.

Bigger fish to fry

- Ans**
- ☒ 1. Having something more important to take care of
 - ☐ 2. Having work more than one's capacity
 - ☐ 3. To barely get something done
 - ☐ 4. To be similar to one's parents in some way

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

This is the first time / I ate such / a tasty cake.

- Ans**
- ☐ 1. This is the first time
 - ☐ 2. No error
 - ☐ 3. a tasty cake
 - ☒ 4. I ate such

Q.8 Four words of the following sentence have been underlined and given as options. Select the option that contains a spelling error.

All life depends on a healthy planet, but the interwoven systems of atmosphere, oceans, watercourses, land, ice cover and biosphere, which form the natural environment, are threatned by human activities.

- Ans**
- ☒ 1. threatned
 - ☐ 2. interwoven
 - ☐ 3. watercourses
 - ☐ 4. biosphere

Q.9 Select the most appropriate option that can substitute the underlined segment in the given sentence.

She will handling the baby as tenderly as possible.

- Ans**
- ☐ 1. wills handle
 - ☐ 2. will handled
 - ☒ 3. will handle
 - ☐ 4. shall handles

Q.10 Select the most appropriate synonym of the given word.
Cordial

- Ans**
- ☐ 1. Aromatic
 - ☐ 2. Unfriendly
 - ☐ 3. Brave
 - ☒ 4. Friendly

Q.11 Select the most appropriate option to fill in the blank.
The rusty door made a _____ screeching noise.

- Ans**
- ☒ 1. harsh
 - ☐ 2. smooth
 - ☐ 3. low
 - ☐ 4. soft

Q.12 Select the most appropriate option to fill in the blank.
Tom waited until _____ to start working on his term paper but managed to finish it just in time.

- Ans**
- ☒ 1. the eleventh hour
 - ☐ 2. the twelfth hour
 - ☐ 3. the tenth hour
 - ☐ 4. the thirteenth hour

Q.13 Select the most appropriate ANTONYM of the given word.
Enormous

- Ans**
- ☐ 1. Gigantic
 - ☐ 2. Irrelevant
 - ☒ 3. Tiny
 - ☐ 4. Inapposite

Q.14 Select the option that can be used as a one-word substitute for the given group of words.
A lover of books

- Ans**
- ☒ 1. Bibliophile
 - ☐ 2. Librarian
 - ☐ 3. Teacher
 - ☐ 4. Philosopher

Q.15 Select the most appropriate option to fill in the blank.

The tone of his voice seemed to _____ that he knew more than he was letting on.

- Ans**
- ☐ 1. intent
 - ☒ 2. imply
 - ☐ 3. incise
 - ☐ 4. inculcate

Q.16 Select the most appropriate option that can substitute the underlined segment in the given sentence.

You are always try with jump over the wall.

- Ans**
- ☐ 1. trying in jumping
 - ☐ 2. try to jump
 - ☒ 3. trying to jump
 - ☐ 4. tried with jump

Q.17 There is a spelling error in the given sentence. Select the option that contains the INCORRECTLY spelt word.
The hungry goblin scratched the grammar book with a feather.

- Ans**
- ☐ 1. scratched
 - ☐ 2. grammar
 - ☒ 3. hungry
 - ☐ 4. feather

Q.18 Select the most appropriate meaning of the underlined idiom.

The Indian team had its back against the wall, but managed to fight back.

- Ans**
- ☐ 1. In extreme joy or exhilaration
 - ☒ 2. Stuck in a difficult circumstance with no escape
 - ☐ 3. Throwing the opposition off guard
 - ☐ 4. Forced to indulge in propaganda

Q.19 Select the most appropriate option to fill in the blank.
COVID-19 _____ structural weaknesses in health systems worldwide and negatively impacted individuals, societies, and economies.

- Ans**
- ☒ 1. revealed
 - ☐ 2. laid
 - ☐ 3. concealed
 - ☐ 4. hit

Q.20 Select the most appropriate option to fill in the blank.
Varun has to _____ his studies for the sake of his ill father.

- Ans**
- ☐ 1. imitate
 - ☐ 2. applaud
 - ☐ 3. reverse
 - ☒ 4. sacrifice

Comprehension:

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

Kasturi went to the garden looking for her mother. Her dog Rex was waiting (1)_____ her. Kasturi picked up a stick and threw it. Rex (2)_____ the stick and brought it back. Kasturi ran (3)_____ the house. Rex chased her. Kasturi ran through the garden and Rex (4)_____ her. Mother yelled at both of them. She told them to stay (5)_____ of the garden and play somewhere else. Kasturi apologised to her mother. She went for a bike ride while Rex ran next to the bike.

SubQuestion No : 21

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

- Ans**
- ☐ 1. by
 - ☒ 2. for
 - ☐ 3. to
 - ☐ 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 the blanks.

Kasturi went to the garden looking for her mother. Her dog Rex was waiting (1)_____ her. Kasturi picked up a stick and threw it. Rex (2)_____ the stick and brought it back. Kasturi ran (3)_____ the house. Rex chased her. Kasturi ran through the garden and Rex (4)_____ her. Mother yelled at both of them. She told them to stay (5)_____ of the garden and play somewhere else. Kasturi apologised to her mother. She went for a bike ride while Rex ran next to the bike.

SubQuestion No : 22

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

- Ans**
- ☒ 1. throws
 - ☒ 2. threw
 - ☒ 3. chases
 - ☒ 4. chased

Comprehension:

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

Kasturi went to the garden looking for her mother. Her dog Rex was waiting (1)_____ her. Kasturi picked up a stick and threw it. Rex (2)_____ the stick and brought it back. Kasturi ran (3)_____ the house. Rex chased her. Kasturi ran through the garden and Rex (4)_____ her. Mother yelled at both of them. She told them to stay (5)_____ of the garden and play somewhere else. Kasturi apologised to her mother. She went for a bike ride while Rex ran next to the bike.

SubQuestion No : 23

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

- Ans**
- ☒ 1. in
 - ☒ 2. around
 - ☒ 3. about
 - ☒ 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 the blanks.

Kasturi went to the garden looking for her mother. Her dog Rex was waiting (1)_____ her. Kasturi picked up a stick and threw it. Rex (2)_____ the stick and brought it back. Kasturi ran (3)_____ the house. Rex chased her. Kasturi ran through the garden and Rex (4)_____ her. Mother yelled at both of them. She told them to stay (5)_____ of the garden and play somewhere else. Kasturi apologised to her mother. She went for a bike ride while Rex ran next to the bike.

SubQuestion No : 24

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

- Ans**
- ☒ 1. obey
 - ☒ 2. listen
 - ☒ 3. came
 - ☒ 4. followed

Comprehension:

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

Kasturi went to the garden looking for her mother. Her dog Rex was waiting (1)_____ her. Kasturi picked up a stick and threw it. Rex (2)_____ the stick and brought it back. Kasturi ran (3)_____ the house. Rex chased her. Kasturi ran through the garden and Rex (4)_____ her. Mother yelled at both of them. She told them to stay (5)_____ of the garden and play somewhere else. Kasturi apologised to her mother. She went for a bike ride while Rex ran next to the bike.

SubQuestion No : 25

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

- Ans**
- ☒ 1. out
 - ☒ 2. in
 - ☒ 3. of
 - ☒ 4. from

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	06/09/2023
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 A and B can finish a work in $5\frac{1}{3}$ days. A alone can finish this work in 8 days. A and B worked on alternate days (starting with B) to finish this work. In how many days will the work be finished?

- Ans
- ☐ 1. 6 days
 - ☐ 2. $6\frac{1}{3}$ days
 - ☒ 3. 11 days
 - ☐ 4. $11\frac{1}{3}$ days

Q.2 If $p : q = 5 : 2$, then $p^2 - q^2 : p^2 + q^2 = ?$

- Ans
- ☐ 1. 29 : 21
 - ☐ 2. 4 : 3
 - ☒ 3. 21 : 29
 - ☐ 4. 3 : 4

Q.3 Pradeep is twice as good as Sandeep to complete a work. Working together, they can finish a piece of work in 28 days. In how many day can Pradeep alone finish the work?

- Ans
- ☐ 1. 40
 - ☒ 2. 42
 - ☐ 3. 44
 - ☐ 4. 46

Q.4 Each edge of a cube is increased by 30%. What will be the increase in its surface area?

- Ans
- ☒ 1. 69%
 - ☐ 2. 60%
 - ☐ 3. 90%
 - ☐ 4. 30%

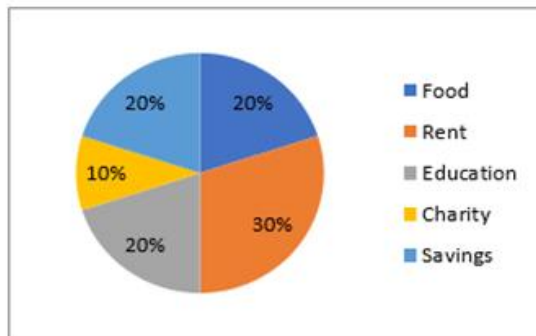
Q.5 The selling price of 10 articles is equal to the cost price of 13 articles. What is the gain percentage?

- Ans
- ☒ 1. 30%
 - ☐ 2. 25%
 - ☐ 3. 40%
 - ☐ 4. 20%

Q.6 Metallic spheres of radii 6 cm, 8 cm and 10 cm, respectively, are melted to form a single solid sphere. Find the radius of the resulting sphere (in cm).

- Ans
- ☐ 1. 16
 - ☐ 2. 18
 - ☐ 3. 24
 - ☒ 4. 12

Q.7 The following pie chart gives the monthly budget of a family on the heads - Food, Rent, Education, Charity and Savings. The total income of the family is ₹9,000. Study the pie chart carefully and answer the question.



What is the total expenditure on the heads - rent, savings, food and education?

- Ans
- ☐ 1. ₹6,500
 - ☐ 2. ₹6,300
 - ☒ 3. ₹8,100
 - ☐ 4. ₹8,200

Q.8 A man takes 30 minutes to cover a certain distance at the speed of 8 km/h. If he walks at a speed of 16 km/h, he covers the same distance in:

- Ans
- ☐ 1. 20 minutes
 - ☐ 2. 30 minutes
 - ☐ 3. 25 minutes
 - ☒ 4. 15 minutes

Q.9 A table showing the percentages of the total population of a town by age groups for the year 2016 is given below.

Age Group (in years)	Per cent
up to 15	35
16-30	18.5
30-40	12.5
40-50	25.77
51 and above	8.23

There are 2200 billion people below 40 years. How many billion people are in the age group 40-50?

- Ans
- ☐ 1. 1167
 - ☐ 2. 417
 - ☐ 3. 274
 - ☒ 4. 859

Q.10 Find the mean proportional between 56 and 14.

- Ans
- ☐ 1. 35
 - ☐ 2. 42
 - ☒ 3. 28
 - ☐ 4. 14

Q.11 Two containers of equal capacity are full of a mixture of milk and water. In the first container, the ratio of milk to water is 3 : 11 and in the second container the ratio is 9 : 11. If both the mixtures are mixed in a container, what is the resulting ratio of milk to water?

- Ans
- ☐ 1. 87 : 197
 - ☐ 2. 21 : 87
 - ☐ 3. 93 : 179
 - ☒ 4. 93 : 187

Q.12 A is 25% more than B, and B is 40% less than C. If C is 20% more than D, then by what percentage is A less than D?

- Ans
- ☐ 1. 12%
 - ☒ 2. 10%
 - ☐ 3. 15%
 - ☐ 4. 5%

Q.13 If there is a profit of 25% on the cost price of an article, the percentage of profit calculated on its selling price will be:

- Ans
- ☒ 1. 20%
 - ☐ 2. 15%
 - ☐ 3. 22%
 - ☐ 4. 18%

Q.14 The simple interest on a certain sum for 4 years at the rate of 15% p.a. is ₹4,500 less than the simple interest on the same sum for 6 years at the same rate of interest. Find the sum.

- Ans
- ☒ 1. ₹15,000
 - ☐ 2. ₹12,000
 - ☐ 3. ₹13,000
 - ☐ 4. ₹14,000

Q.15 At what rate per annum will a sum of ₹6,400 fetch a compound interest (Compounded annually) of ₹1,344 in 2 years?

- Ans
- ☐ 1. 5%
 - ☐ 2. 12%
 - ☒ 3. 10%
 - ☐ 4. 8%

Q.16 Trains A and B start at the same time. Train A travels at the speed of 50 km/h from station P to station Q and train B travels at the speed of 70 km/h from station Q to station P. They cross each other after 1 hour 20 minutes. What is the distance (in km) between station P and station Q?

- Ans
- ☐ 1. 140
 - ☐ 2. 180
 - ☒ 3. 160
 - ☐ 4. 150

Q.17 The average of four consecutive odd numbers is 58. What is the lowest number?

- Ans
- ☒ 1. 55
 - ☐ 2. 51
 - ☐ 3. 53
 - ☐ 4. 57

Q.18 In ABC club, 88% members are men and 12% members are women. If the average age of the men is 25 years and that of the women is 50 years, then what is the average age of all the members?

- Ans
- ☒ 1. 28
 - ☐ 2. 27
 - ☐ 3. 29
 - ☐ 4. 26

Q.19 Simplify the following.

$15 \div 5$ of $3 \times 4 + 8 \div 12$ of $4 \times 12 - 4 \div 5 \times 20$

- Ans
- ☐ 1. $\frac{20}{3}$
 - ☒ 2. -10
 - ☐ 3. 1
 - ☐ 4. 12

Q.20 Two tankers contain 850 litres and 680 litres of oil. Find the maximum capacity of a container which can measure the oil of both tankers when used, an exact number of times.

- Ans
- ☐ 1. 340 litres
 - ☐ 2. 425 litres
 - ☐ 3. 680 litres
 - ☒ 4. 170 litres

Section : Reasoning Ability and Problem Solving

Q.1 What should come in place of '?' in the given series?

7 28 91 280 ? 2548 7651

- Ans
- ☒ 1. 847
 - ☐ 2. 871
 - ☐ 3. 823
 - ☐ 4. 861

Q.2 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. 2 s m 7 ε 1 ɔ
 - ☒ 2. ɛ ɔ m 7 ε 1 ɔ
 - ☒ 3. ɛ ɔ m 7 ε 1 G
 - ☒ 4. ɛ 2 w 7 ε 1 ɔ

Q.3 What should come in place of ? in the given series based on the English alphabetical order?

ESP, CRN, AQL, YPJ, ?

- Ans
- ☒ 1. ZNG
 - ☒ 2. WOH
 - ☒ 3. YNI
 - ☒ 4. YMG

Q.4 The position of how many letters will remain unchanged if each of the letter in the word 'GRAPES' is arranged in alphabetical order?

- Ans
- ☒ 1. One
 - ☒ 2. Four
 - ☒ 3. None
 - ☒ 4. Two

Q.5 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: Some paints are cats. All cats are dogs. Some dogs are bananas.

Conclusion I: Some paints are dogs.

Conclusion II: Some cats are bananas.

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

Q.6 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$3 \div 5 + 8 - 505 \times 5 = ?$$

- Ans
- ☒ 1. 108
 - ☐ 2. 106
 - ☐ 3. 104
 - ☐ 4. 102

Q.7 What should come in place of '?' in the given series?

11 39 123 375 1131 ?

- Ans
- ☒ 1. 3399
 - ☐ 2. 3187
 - ☐ 3. 3499
 - ☐ 4. 3417

Q.8 21 is related to 86 following a certain logic. Following the same logic, 33 is related to 134. To which of the following is 25 related to, following the same logic?

- Ans
- ☐ 1. 103
 - ☐ 2. 100
 - ☐ 3. 101
 - ☒ 4. 102

Q.9 What should come in place of ? in the given series?

26 39 52 65 ? 91 104

- Ans
- ☒ 1. 78
 - ☐ 2. 79
 - ☐ 3. 81
 - ☐ 4. 80

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

A _ AA _ _ AD _ _ DA

- Ans
- ☐ 1. DAADD
 - ☐ 2. ADDAD
 - ☐ 3. AADDA
 - ☒ 4. DDAAA

Q.11 Which figure should replace the question mark (?) if the following figure series were to be continued?

D			L			△			3			?
N	L	P	P	D	△	L	3	P	P	△	N	
3		△	N		3	D		N	L		D	

Ans

✗ 1.

P		
N	L	3
D		△

✗ 2.

D		
N	P	△
3		L

✓ 3.

N		
3	D	P
△		L

✗ 4.

P		
N	D	3
△		L

Q.12 In a certain code language, 'WHAT' is coded as 5298 and 'THAN' is coded as 9826. What is the code for 'W' in the given code language?

Ans

- ✓ 1. 5
✗ 2. 6
✗ 3. 2
✗ 4. 8

Q.13 BJTI is related to EMWL in a certain way based on the English alphabetical order. In the same way, HDRL is related to KGUO. To which of the following is OCGM related to, following the same logic?

Ans

- ✗ 1. RFIO
✓ 2. RFJP
✗ 3. QEIR
✗ 4. SEKO

Q.14 In a certain code language, 'BLAME' is coded as 'CMBNF' and 'CHANGE' is coded as 'DIBOHF'. What is the code for 'DESERT' in the given code language?

- Ans**
- ☐ 1. FHS GTV
 - ☐ 2. FGRFST
 - ☒ 3. EFTFSU
 - ☐ 4. EGTGSV

Q.15 Seven people, C, F, D, K, O, L, and V are sitting in a straight line, facing south. V sits second to the right of F. Only three people sit to the right of O. K is an immediate neighbour of O and D. Only three people sit between L and V. F is not an immediate neighbour of L.

Who sits to the extreme left of the line?

- Ans**
- ☐ 1. D
 - ☐ 2. C
 - ☐ 3. V
 - ☒ 4. F

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)

(14, 13, 32)

(21, 13, 39)

- Ans**
- ☐ 1. 11, 14, 43
 - ☐ 2. 15, 7, 18
 - ☒ 3. 19, 12, 36
 - ☐ 4. 5, 19, 88

Q.17 What should come in place of ? in the given series based on the English alphabetical order?

NBX, MEW, LHV, K KU, ?

- Ans**
- ☐ 1. HNS
 - ☐ 2. IMR
 - ☒ 3. JNT
 - ☐ 4. HMS

Q.18 If G means '-', A means '×', D means '+', B means '+', then what will come in place of the question mark (?) in the following equation?

12 A 7 G 100 D 5 B 17 = ?

- Ans**
- ☐ 1. 74
 - ☒ 2. 81
 - ☐ 3. 37
 - ☐ 4. 93

Q.19

Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



(X)

Ans

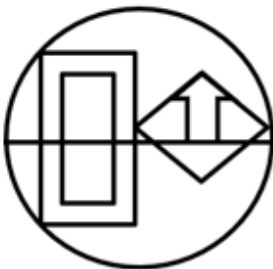
✗ 1.



✓ 2.



✗ 3.



✗ 4.



Q.20 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 dogs are bats. Some bats are cats

Conclusions:

(I) Some dogs are cats.

(II) Some cats are dogs.

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

Section : **General Awareness**

Q.1 Bharhut Stupa is located in which of the following states?

- Ans**
- ☒ 1. Madhya Pradesh
 - ☒ 2. Punjab
 - ☒ 3. Uttar Pradesh
 - ☒ 4. Bihar

Q.2 Which religion has the maximum number of followers in Bhutan?

- Ans**
- ☒ 1. Christian
 - ☒ 2. Islam
 - ☒ 3. Hindu
 - ☒ 4. Buddhism

Q.3 Who among the following dancers is associated with Indian classical dance form of Kathak?

- Ans**
- ☒ 1. Pandit Birju Maharaj
 - ☒ 2. Dr. Kanak Rele
 - ☒ 3. Dr. Minati Mishra
 - ☒ 4. Amubi Singh

Q.4 The Madhavpur fair is held at _____.

- Ans**
- ☒ 1. Bhatinda
 - ☒ 2. Porbandar
 - ☒ 3. Jaisalmer
 - ☒ 4. Moradabad

Q.5 Who is regarded as the 'Mother of Indian Revolution'?

- Ans**
- ☒ 1. Annie Besant
 - ☒ 2. Kasturba Gandhi
 - ☒ 3. Usha Mehta
 - ☒ 4. Madame Cama

Q.6 Who among the following is the author of the book ‘Selection Day’?

- Ans**
-  1. Vikram Seth
 -  2. Amish Tripathi
 -  3. Aravind Adiga
 -  4. Chetan Bhagat

Q.7 Who among the following is a Bharatanatyam and Kathakali dancer?

- Ans**
-  1. Mrinalini Sarabhai
 -  2. Sonal Mansingh
 -  3. Shovana Narayan
 -  4. Padma Subrahmanayam

Q.8 What is the name of the geographic feature that serves as a boundary between Europe and Africa?

- Ans**
-  1. Malacca Strait
 -  2. Dardanelles Strait
 -  3. Strait of Gibraltar
 -  4. Bosphorus Strait

Q.9 What is ‘Mahawat’ in India?

- Ans**
-  1. Cold waves during the winter season
 -  2. Cyclonic rainfall during the winter season
 -  3. Cloud burst during the monsoon season
 -  4. Hot and dry winds during the summer season

Q.10 Who inaugurated the 2023 World Squash Championships that was held in India?

- Ans**
-  1. K Ponmudi
 -  2. EV Velu
 -  3. Udhayanidhi Stalin
 -  4. KN Nehru

Q.11 Which Article of the Constitution of India deals with the organization of village panchayat?

- Ans**
-  1. Article 36
 -  2. Article 40
 -  3. Article 45
 -  4. Article 38

Q.12 Which of the following novels is correctly paired with its author?

- Ans**
-  1. The Shadow Lines – RK Narayan
 -  2. Train to Pakistan – Amitav Ghosh
 -  3. Malgudi Days – Vikram Seth
 -  4. The Namesake – Jhumpa Lahiri

Q.13 Women's World Boxing Championship 2023 was held in which city in India?

- Ans**
-  1. Goa
 -  2. Gujarat
 -  3. New Delhi
 -  4. Punjab

Q.14 Which of the following is a communication mail channel in India?

- Ans**
-  1. Red channel
 -  2. Green channel
 -  3. Pink channel
 -  4. Yellow channel

Q.15	Which Article of the Constitution of India guarantees the right to move the Supreme Court for the enforcement of the fundamental rights?
Ans	✗ 1. Article 25 ✓ 2. Article 32 ✗ 3. Article 29 ✗ 4. Article 21
Q.16	Under the umbrella of Ujjwal Bharat Ujjwal Bhavishya–Power @ 2047, the PM inaugurated which of the following 100 MW Solar Projects in Telangana?
Ans	✗ 1. Dharmaraopet Solar Power Plant ✗ 2. Jurala Solar Power Plant ✗ 3. ReNew Solar Power Plant ✓ 4. Ramagundam Floating Solar Project
Q.17	Which microscopic, single-celled photosynthetic organisms are known as the primary producers of the ocean - the organisms that form the base of the aquatic food chains?
Ans	✗ 1. Virioplankton ✓ 2. Phytoplankton ✗ 3. Bacterioplankton ✗ 4. Zooplankton
Q.18	Which is the most common ore of oxidised mercury that occurs in granular crusts or veins associated with volcanic activity and hot springs?
Ans	✗ 1. Corundum ✓ 2. Cinnabar ✗ 3. Diaspore ✗ 4. Siderite
Q.19	Which of the following is true about transfer payments in relation to personal income?
Ans	✗ 1. Transfer payments are included in personal income only for businesses. ✗ 2. Transfer payments are excluded from personal income. ✗ 3. Transfer payments have no impact on personal income. ✓ 4. Transfer payments are included in personal income.
Q.20	Who among the following reformers initially set up a school for girls in Calcutta?
Ans	✓ 1. Ishwar Chandra Vidyasagar ✗ 2. Swami Dayanand Saraswati ✗ 3. Narayana Guru ✗ 4. Mahatma Phule
Q.21	The most famous of all Jain festivals, Mahamastakabhisheka is performed every 12 years at the Digambara sacred complex at _____ in Karnataka.
Ans	✗ 1. Jinanathapura ✗ 2. Puliyarmala ✓ 3. Shravanabelagola ✗ 4. Keelakuilkudi
Q.22	Bharati Shivaji and Kanak Rele are exponents of _____.
Ans	✗ 1. Manipuri ✗ 2. Odissi ✗ 3. Kathak ✓ 4. Mohiniyattam

Q.23 Who among the following is primarily regarded as a maestro of Hindustani classical music?

Ans  1. Mavelikkara Prabhakara Varma

 2. Sai Vignesh

 3. Sampagodu Vighnaraja

 4. Bade Ghulam Ali Khan

Q.24 What is the primary purpose of microfinance institutions (MFIs) in India?

Ans  1. To facilitate foreign investment in the Indian economy

 2. To provide small loans to low-income individuals

 3. To promote consumer spending among middle-class households

 4. To offer financial services exclusively to large businesses

Q.25 The former captain of the Indian women's hockey team _____ was conferred with the BBC Lifetime Achievement Award for her contribution to Indian sports and inspiring generations of players.

Ans  1. Savita Punia

 2. Rani Rampal

 3. Vandana Katariya

 4. Pritam Siwach

Section : **English Language and Comprehension**

Q.1 Select the most appropriate idiom to fill in the blank.
By living in a rural area with access to the city, she gets _____.

Ans  1. on cloud nine

 2. in for a penny in for a pound

 3. to keep an ear to the ground

 4. the best of both worlds

Q.2 The sentence given below has spelling errors. Select the sentence without spelling errors.
Though we read and hear a lot on green initiative, we hardly tweak our routines to suite the larger picture.

Ans  1. Though we read and hear a lot on green initiatives, we hardly tweak our routines to suite the larger picture.

 2. Though we read and hear a lot on green initiatives, we hardly tweek our routines to suite the larger picture.

 3. Though we read and hear a lot on green initiatives, we hardly tweak our routines to suit the larger picture.

 4. Throug we read and hear a lot on green initiatives, we hardly tweak our routines to suite the larger picture.

Q.3 Identify the most appropriate meaning of the given word.
Ancient

Ans  1. Unworn

 2. Antique

 3. Recent

 4. Contemporary

Q.4 Select the option that can be used as a one-word substitute for the given group of words.
Killing of one's own father

Ans  1. Matricide

 2. Patricide

 3. Filicide

 4. Suicide

Q.5 Parts of the following sentence have been given as options. Select the option that contains an error.

Existentialism has a reputation for being angst-ridden and gloomy mostly because of its emphasis on pondering the meaningless of existence.

Ans  1. Existentialism has a reputation

 2. mostly because of its emphasis

 3. for being angst-ridden and gloomy

 4. on pondering the meaningless of existence

Q.6 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.
The student provided her English teacher a short and _____ (incoherent) account of her journey to Shimla with her parents.

- Ans**
- ☒ 1. lucid
 - ☐ 2. genuine
 - ☐ 3. humble
 - ☐ 4. rough

Q.7 Select the most appropriate meaning of the given idiom.
Get your act together

- Ans**
- ☐ 1. To stay together
 - ☐ 2. To act in a play
 - ☐ 3. To have patience
 - ☒ 4. Get organised and do things better

Q.8 Select the most appropriate meaning of the underlined idiom in the following sentence.

After having invested so much time and energy into the project, we are now back to square one.

- Ans**
- ☐ 1. Fighting with each other
 - ☐ 2. Not ready for the consequence
 - ☒ 3. Having to start all over again
 - ☐ 4. In the same city

Q.9 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Recommend
 - ☐ 2. Parallel
 - ☐ 3. Tomorrow
 - ☒ 4. Irresistable

Q.10 Select the most appropriate option that can substitute the underlined segment in the following sentence.
She proposed to write the life history of the famous poet.

- Ans**
- ☐ 1. mythology
 - ☐ 2. novel
 - ☐ 3. autobiography
 - ☒ 4. biography

Q.11 Select the option that can be used as a one-word substitute for the given group of words.
Unpleasant

- Ans**
- ☐ 1. Negligible
 - ☐ 2. Natal
 - ☒ 3. Nasty
 - ☐ 4. Nebulous

Q.12 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) The mother exclaimed / (B) when she saw her son / (C) stumble on the race track, / (D) "Look, he falls!"

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

Q.13 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
The athlete's injury was a _____ (defeat) for the team's chances of winning the championship.

- Ans**
- ☐ 1. progression
 - ☐ 2. breakthrough
 - ☒ 3. setback
 - ☐ 4. stress

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

The cats food bowl was empty, so he meowed incessantly until his owner finally filled it with fresh kibble.

- Ans**
- ☐ 1. A cat's
 - ☐ 2. A cats'
 - ☒ 3. The cat's
 - ☐ 4. The cats'

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
I want to / give you / an information about / the missing necklace.

- Ans**
- ☐ 1. I want to
 - ☐ 2. give you
 - ☒ 3. an information about
 - ☐ 4. the missing necklace

Q.16 Select the most appropriate option that can substitute the underlined segment in the given sentence.

They are sell their company's products to people.

- Ans**
- ☒ 1. are selling their company's
 - ☐ 2. was sell the company's
 - ☐ 3. is selling they company's
 - ☐ 4. are sell the company

Q.17 Select the correctly spelt word.

- Ans**
- ☐ 1. Millennium
 - ☐ 2. Milenium
 - ☒ 3. Millennium
 - ☐ 4. Millenum

Q.18 Select the most appropriate option that can substitute the underlined segment in the given sentence.

To preparing the vine for plant, it should be cut back to 2 ft.

- Ans**
- ☐ 1. prepared the vine of plant
 - ☐ 2. prepare a vine in planting
 - ☐ 3. prepares in vine in plant
 - ☒ 4. prepare the vine for planting

Q.19 Select the most appropriate meaning of the underlined idiom.
Mary is a ball of fire and is always engaged in something creative.

- Ans**
- ☒ 1. An active and energetic person
 - ☐ 2. A talkative person
 - ☐ 3. A dull and insipid person
 - ☐ 4. To be good and beneficial for someone

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

The conductor said that it was the worse quake he ever knew.

- Ans**
- ☒ 1. worst
 - ☐ 2. no rectification needed
 - ☐ 3. bad
 - ☐ 4. more bad

Comprehension:

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

Democracy is a form of government where the power lies _____(1) the people. It is based on the principles of equality, freedom and the rule of law. In a democratic society, _____(2) have the right to participate in the decision-making process, _____(3) directly or through elected representatives. Democracy also allows for the _____(4) of individual rights and liberties. While democracy is not without its challenges, such as the need to balance competing interests and the risk of _____(5) movements, it remains one of the most widely embraced forms of government around the world.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. by
 - ☒ 2. on
 - ☒ 3. towards
 - ☒ 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.

Democracy is a form of government where the power lies _____(1) the people. It is based on the principles of equality, freedom and the rule of law. In a democratic society, _____(2) have the right to participate in the decision-making process, _____(3) directly or through elected representatives. Democracy also allows for the _____(4) of individual rights and liberties. While democracy is not without its challenges, such as the need to balance competing interests and the risk of _____(5) movements, it remains one of the most widely embraced forms of government around the world.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. lawyers
 - ☒ 2. citizens
 - ☒ 3. humans
 - ☒ 4. politicians

Comprehension:

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

Democracy is a form of government where the power lies _____(1) the people. It is based on the principles of equality, freedom and the rule of law. In a democratic society, _____(2) have the right to participate in the decision-making process, _____(3) directly or through elected representatives. Democracy also allows for the _____(4) of individual rights and liberties. While democracy is not without its challenges, such as the need to balance competing interests and the risk of _____(5) movements, it remains one of the most widely embraced forms of government around the world.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. also
 - ☒ 2. however
 - ☒ 3. neither
 - ☒ 4. either

Comprehension:

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

Democracy is a form of government where the power lies _____(1) the people. It is based on the principles of equality, freedom and the rule of law. In a democratic society, _____(2) have the right to participate in the decision-making process, _____(3) directly or through elected representatives. Democracy also allows for the _____(4) of individual rights and liberties. While democracy is not without its challenges, such as the need to balance competing interests and the risk of _____(5) movements, it remains one of the most widely embraced forms of government around the world.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. diversion
 - ☒ 2. protection
 - ☒ 3. delimitation
 - ☒ 4. proscription

Comprehension:

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

Democracy is a form of government where the power lies _____(1) the people. It is based on the principles of equality, freedom and the rule of law. In a democratic society, _____(2) have the right to participate in the decision-making process, _____(3) directly or through elected representatives. Democracy also allows for the _____(4) of individual rights and liberties. While democracy is not without its challenges, such as the need to balance competing interests and the risk of _____(5) movements, it remains one of the most widely embraced forms of government around the world.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
-  1. elitist
 -  2. populist
 -  3. marginal
 -  4. negligible

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	06/09/2023
Exam Time	4:00 PM - 6:00 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 Sonam covers 230 km in 5 hours. What distance (in km) will she cover in 9 hours?

- Ans
- ✓ 1. 414
 - ✗ 2. 484
 - ✗ 3. 424
 - ✗ 4. 454

Q.2 The ratio of cost price to selling price of an article is 186 : 206. The profit per cent on it is:

- Ans
- ✗ 1. $10\frac{50}{93}$
 - ✗ 2. $12\frac{70}{93}$
 - ✓ 3. $10\frac{70}{93}$
 - ✗ 4. $12\frac{50}{93}$

Q.3 Simplify:
 $(15 \div 3) \div 5 + (18 \div 9) \times 3 + (24 \div 6) \times (5 \div 4) = ?$

- Ans
- ✓ 1. 12
 - ✗ 2. 21
 - ✗ 3. 16
 - ✗ 4. 1

Q.4 The areas of three adjacent faces of a cuboid are p, q and r unit², respectively. What is its volume?

- Ans
- ✓ 1. $\sqrt{pqr}$ unit³
 - ✗ 2. $\sqrt[3]{pqr}$ unit³
 - ✗ 3. $p^3q^3r^3$ unit³
 - ✗ 4. pqr unit³

Q.5 What will be the amount due on ₹24,000 in 2 years when the rate of simple interest on successive years is 4% per annum and 5% per annum, respectively?

- Ans
- ✓ 1. ₹26,160
 - ✗ 2. ₹26,208
 - ✗ 3. ₹24,960
 - ✗ 4. ₹25,200

Q.6 In what ratio should wheat of ₹34 per kg be mixed with wheat of ₹26 per kg so that on selling the mixture at ₹36 per kg, a profit of 20% is gained?

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

Q.7 The income of a person first increases by 25% and then decreases by 25%. What % is the new income of the original income?

- Ans
- ☐ 1. $91\frac{1}{4}\%$
 - ☐ 2. $95\frac{3}{4}\%$
 - ☐ 3. $92\frac{1}{4}\%$
 - ☒ 4. $93\frac{3}{4}\%$

Q.8 What is the average of the prime numbers between 46 and 99, correct to two decimal places?

- Ans
- ☐ 1. 82.70
 - ☒ 2. 70.82
 - ☐ 3. 80.27
 - ☐ 4. 72.80

Q.9 The table below shows the production of transformers by five different companies in the year 2022 from January to June. Study the table carefully and answer the question that follows.

Month/Company	P	Q	R	S	T
January	145	140	177	163	140
February	178	122	179	188	187
March	185	135	160	130	145
April	150	130	169	148	172
May	146	128	180	137	153
June	128	145	195	148	170

What is the difference between the total production of companies Q and R from the month January to June?

- Ans
- ☐ 1. 263
 - ☐ 2. 283
 - ☒ 3. 260
 - ☐ 4. 280

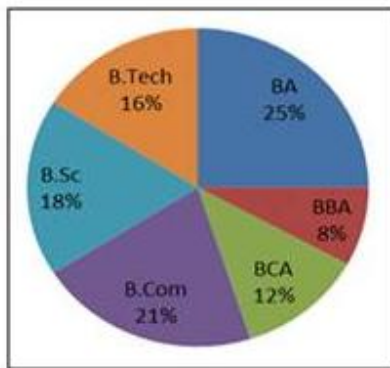
Q.10 Kavita bought a table at 30% discount on its original price. She sold it with 48% increase on the price she bought it. What is the percentage difference between the new sale price and original price? If the original price is ₹8,000, then how much extra money did Kavita get as profit?

- Ans
- ☐ 1. 6%; ₹360
 - ☐ 2. 5.6%; ₹280
 - ☐ 3. 4.5%; ₹308
 - ☒ 4. 3.6%; ₹288

Q.11 What sum of money invested at 8% per annum in $1\frac{1}{2}$ years, compounded half-yearly, shall become ₹17,576?

- Ans
- ☐ 1. ₹ 15,525
 - ☐ 2. ₹ 16,500
 - ☐ 3. ₹ 15,000
 - ☒ 4. ₹ 15,625

Q.12 The pie chart shows the percentage of students studying in different courses in a college. The degree measure of angle for students studying in BBA is:



- Ans
- ☐ 1. 32°
 - ☒ 2. 28.8°
 - ☐ 3. 48.8°
 - ☐ 4. 36°

Q.13 Find the least number which when divided by 19, 36 and 54 leaves a remainder of 4 in each case.

- Ans
- ☐ 1. 1854
 - ☒ 2. 2056
 - ☐ 3. 1925
 - ☐ 4. 2172

Q.14 Aslam can do a work in 20 days and Bansi in 30 days. If they work on it together for 5 days, then, what is the fraction of the remaining work?

- Ans
- ☒ 1. $\frac{7}{12}$
 - ☐ 2. $\frac{11}{12}$
 - ☐ 3. $\frac{7}{13}$
 - ☐ 4. $\frac{5}{12}$

Q.15 P, Q and R can complete a piece of work in 6 days, 12 days and 15 days, respectively. P starts working alone on 1st, 4th, 7th ..., Q works alone on 2nd, 5th, 8th... and R works alone on 3rd, 6th, 9th... This pattern is continued till the work is completed. In how much time (in days) is the entire work done?

- Ans
- ☒ 1. $9\frac{3}{10}$
 - ☐ 2. $9\frac{1}{2}$
 - ☐ 3. $10\frac{3}{5}$
 - ☐ 4. $10\frac{1}{2}$

Q.16 A thief is noticed by a policeman from a distance of 98 m. The thief starts running and the policeman chases him. The thief and policeman run at the speed of 90 km/h and 118.8 km/h, respectively. What is the time taken to catch the thief by a policeman?

- Ans
- ☒ 1. $12\frac{1}{4}$ sec
 - ☐ 2. $10\frac{1}{2}$ sec
 - ☐ 3. $13\frac{1}{4}$ sec
 - ☐ 4. $14\frac{1}{4}$ sec

Q.17 In April, Mr. Khan observed that his balance in his bank account is ₹5,600 for the first 24 days, ₹12,000 for the next two days and ₹37,500 in the last 4 days of the month. What is his daily average balance for April?

- Ans
- ☐ 1. ₹14,280
 - ☐ 2. ₹15,280
 - ☒ 3. ₹10,280
 - ☐ 4. ₹10,480

Q.18 If $a : b = 3 : 2$ and $b : c = 5 : 4$, then $a : b : c$ is:

- Ans
- ☐ 1. 8 : 10 : 15
 - ☐ 2. 11 : 8 : 10
 - ☒ 3. 15 : 10 : 8
 - ☐ 4. 7 : 10 : 15

Q.19 A cube of side 3 cm is melted and smaller cubes of sides 1 cm each are formed. How many such cubes can be formed?

- Ans
- ☐ 1. 8
 - ☐ 2. 64
 - ☒ 3. 27
 - ☐ 4. 72

Q.20 If $A : B = \frac{1}{3} : \frac{1}{5}$, $B : C = \frac{1}{7} : \frac{1}{8}$ and $C : D = \frac{1}{10} : \frac{1}{21}$, then $A : B : C : D$ is:

- Ans
- ☒ 1. 40 : 24 : 21 : 10
 - ☐ 2. 48 : 23 : 25 : 8
 - ☐ 3. 8 : 3 : 7 : 5
 - ☐ 4. 14 : 24 : 28 : 10

Section : Reasoning Ability and Problem Solving

Q.1 What should come in place of ? in the given series?

56 54 50 48 44 ?

- Ans
- ☐ 1. 36
 - ☐ 2. 40
 - ☒ 3. 42
 - ☐ 4. 38

Q.2

Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



(X)

Ans

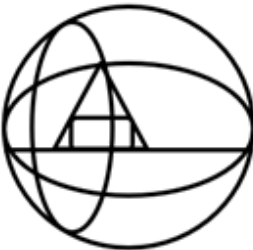
✗ 1.



✗ 2.



✗ 3.



✓ 4.



Q.3

CZMB is related to NNAM in a certain way based on the English alphabetical order. In the same way, LKQD is related to WRLO. To which of the following is HNTF related, following the same logic?

Ans

✗ 1. SUQO

✗ 2. SOUQ

✓ 3. SUOQ

✗ 4. SQOU

Q.4

27 is related to 36 following a certain logic. Following the same logic, 69 is related to 78. To which of the following is 53 related to, following the same logic?

Ans

✗ 1. 64

✗ 2. 61

✓ 3. 62

✗ 4. 63

Q.5 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$321 \times 3 + 81 - 12 \div 8 = ?$$

- Ans
- ☒ 1. 112
 - ☒ 2. 142
 - ☒ 3. 122
 - ☒ 4. 132

Q.6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. 2 m j ə w b ɤ
 - ☒ 2. m ɤ j ə m d ɤ
 - ☒ 3. m ɤ j ə w b ɤ
 - ☒ 4. m ɤ j ə w b F

Q.7 What should come in place of ? in the given series?

101 104 109 116 125 ?

- Ans
- ☒ 1. 135
 - ☒ 2. 133
 - ☒ 3. 136
 - ☒ 4. 134

Q.8 If 16 September 1980 is a Tuesday, then what will be the day of the week on 3 September 1985?

- Ans
- ☒ 1. Friday
 - ☒ 2. Tuesday
 - ☒ 3. Sunday
 - ☒ 4. Saturday

Q.9 What should come in place of ? in the given series based on the English alphabetical order?

KFY, LGA, MHC, NIE, ?

- Ans
- ☒ 1. MKI
 - ☒ 2. OJG
 - ☒ 3. NJG
 - ☒ 4. MIH

Q.10 Which figure should replace the question mark (?) if the following figure series were to be continued?

D	X	Y	8	Y	9	9	8	Y	↑	Y	D	
8	↑		D	X		↑	=		9	8		?
		9			↑			D			=	

Ans

✗ 1.

D	↑	Y
=	9	
		8

✓ 2.

D	↑	Y
=	S	
		9

✗ 3.

9	↑	=
8	Y	
		D

✗ 4.

Y	D	↑
=	S	
		9

Q.11 In a certain code language, 'never lose hope' is coded as 'tu fk mb' and 'winners never quit' is coded as 'dg vc fk'. How is 'never' coded in the given language?

Ans

✗ 1. tu

✓ 2. fk

✗ 3. vc

✗ 4. dg

Q.12 Select the combination of letters that when sequentially placed in the blanks of the given series will make it logically complete.

AC_F GIJ_ M_PR _UVX YA_D

Ans

✗ 1. DKOBS

✗ 2. LODBS

✗ 3. HFBHC

✓ 4. DLOSB

Q.13 R, S, T, U, V, W, X and Y are sitting around a square table facing the center of the table. Some of them are sitting at the corners while some are sitting at the exact center of the sides. R is the immediate neighbour of X and Y. X sits in any of the corners. W sits third to the right of T. T does not sit in any of the corners. U is the immediate neighbour of Y and W. V is not the neighbour of W.

How many people sit between W and T, when counted from the right of W?

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

Q.14 What should come in place of ? in the given series based on the English alphabetical order?

HWC, KUD, NSE, QQF, ?

- Ans**
- ☐ 1. ROF
 - ☒ 2. TOG
 - ☐ 3. RMH
 - ☐ 4. SNH

Q.15 What should come in place of ? in the given series?

175 180 185 190 195 ?

- Ans**
- ☐ 1. 204
 - ☐ 2. 207
 - ☐ 3. 201
 - ☒ 4. 200

Q.16 In a certain code language, 'MACABRE' is coded as '8' and 'HEDONISM' is coded as '9'. What is the code for 'ERUPT' in the given code language?

- Ans**
- ☐ 1. 7
 - ☐ 2. 8
 - ☒ 3. 6
 - ☐ 4. 5

Q.17 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: Some bats are curtains. All curtains are yellow. All yellow are pens.

Conclusion I: All yellow are curtains.

Conclusion II: Some pens are curtains.

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

Q.18 28 is related to 12 following a certain logic. Following the same logic, 42 is related to 19. To which of the following is 52 related to, following the same logic?

- Ans**
- ☐ 1. 25
 - ☐ 2. 22
 - ☐ 3. 23
 - ☒ 4. 24

Q.19 If 'P' stands for '×', 'Q' stands for '÷', 'R' stands for '-' and 'S' stands for '+', what will come in place of the question mark (?) in the following equation?

39 S 6 P 9 R 32 S 15 P 8 R 70 = ?

- Ans**
- ☐ 1. 88
 - ☐ 2. 91
 - ☒ 3. 111
 - ☐ 4. 119

Q.20 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 flowers are orange. Some orange is colour. All colours are bright.

Conclusion I: Some orange are flowers.

Conclusion II: All colour is orange.

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

Section : General Awareness

Q.1 In 2022, the Centre constituted a committee headed by former Union Agriculture Secretary _____ to look into the issues of minimum support price (MSP).

- Ans**
- ☒ 1. Sanjay Agrawal
 - ☐ 2. Radha Mohan Singh
 - ☐ 3. P Chandrashekhar
 - ☐ 4. JP Sharma

Q.2 'The Fall of a Sparrow' is an autobiography of _____.

- Ans**
- ☐ 1. Raj Kapoor
 - ☐ 2. Atal Bihari Vajpayee
 - ☐ 3. Kapil Dev
 - ☒ 4. Salim Ali

Q.3 The black soil area of the _____ is known as the Deccan Trap.

- Ans**
- ☒ 1. Peninsular Plateau
 - ☐ 2. Coastal Plains
 - ☐ 3. Himalayan Mountains
 - ☐ 4. Northern Plains

Q.4 Which of the following countries did India beat to win the Men's Hockey Junior Asia Cup 2023?

- Ans**
-  1. South Korea
 -  2. Pakistan
 -  3. Japan
 -  4. Thailand

Q.5 Who among the following was a renowned player of the musical instrument called ‘Santoor’?

- Ans**
-  1. Pandit Ravi Shankar
 -  2. Pandit Kumar Gandharva
 -  3. Pandit Shivkumar Sharma
 -  4. Pandit Hariprasad Chaurasia

Q.6 Which theory was published by John Dalton in 1808 to explain chemical reactions?

- Ans**
-  1. Valence bond theory
 -  2. Atomic theory
 -  3. Quantum field theory
 -  4. Molecular orbital theory

Q.7 Chhau, identified by the Ministry of Culture as a classical dance, is prevalent in eastern India and has three distinct forms. Which of the following is NOT one of them?

- Ans**
-  1. Marwahi Chhau of Chhattisgarh
 -  2. Seraikela Chhau of Jharkhand
 -  3. Mayurbhanj Chhau of Odisha
 -  4. Purulia Chhau of West Bengal

Q.8 Name the life-threatening disease caused by protozoa of the genus Trypanosoma that is transmitted to human hosts through the bite of infected tsetse flies.

- Ans**
-  1. Giardiasis
 -  2. Kala-azar
 -  3. Chagas disease
 -  4. Sleeping sickness

Q.9 One of the prominent festivals celebrated in _____ is the ‘Me-Dum-Me-Phi’, i.e., the ancestor worship festival.

- Ans**
-  1. Nagaland
 -  2. Meghalaya
 -  3. Manipur
 -  4. Assam

Q.10 The President of India conferred the Padma Shri award to Sanathoiba Sharma for his distinguished service in the field of _____ in 2023.

- Ans**
-  1. Thang-Ta
 -  2. Mukna
 -  3. Khong Kangjei
 -  4. Yubi Lakpi

Q.11 Who among the following designed the India Gate?

- Ans**
-  1. Lord Wavell
 -  2. John Nash
 -  3. Lord Dalhousie
 -  4. Edwin Lutyens

Q.12 'Pinjar' is a novel by _____.

- Ans**
- ☐ 1. Kamala Das
 - ☐ 2. Kiran Desai
 - ☒ 3. Amrita Pritam
 - ☐ 4. Anita Desai

Q.13 The word 'Swaraj' was first used by Dadabhai Naoroji in the Congress session held in which place?

- Ans**
- ☐ 1. Madras
 - ☐ 2. Surat
 - ☐ 3. Lucknow
 - ☒ 4. Calcutta

Q.14 Which Indian musician is associated with the Flute?

- Ans**
- ☐ 1. Ustad Zakir Hussain
 - ☒ 2. Pandit Hari Prasad Chaurasia
 - ☐ 3. Ustad Allahrakha
 - ☐ 4. Pandit Ravi Shankar

Q.15 Who nominates members to the Rajya Sabha based on their excellence in literature, science, art and social service?

- Ans**
- ☐ 1. The Chief Justice of India
 - ☐ 2. The Chairman of the Rajya Sabha
 - ☒ 3. The President
 - ☐ 4. The Prime Minister

Q.16 Rikham pada dance belongs to which of the following states?

- Ans**
- ☒ 1. Arunachal Pradesh
 - ☐ 2. Meghalaya
 - ☐ 3. Mizoram
 - ☐ 4. Assam

Q.17 In the realm of soil science, humus is considered:

- Ans**
- ☒ 1. decaying organic matter in soil
 - ☐ 2. synthetic additive
 - ☐ 3. mineral-rich compound
 - ☐ 4. inorganic material

Q.18 Which group of crops belong to fibre crops and are produced on a large scale in India?

- Ans**
- ☐ 1. Gram and tur
 - ☐ 2. Tea and coffee
 - ☐ 3. Wheat and rice
 - ☒ 4. Jute and hemp

Q.19 Who is an acclaimed Kathak dancer with many awards to his credit?

- Ans**
- ☐ 1. Ustad Bismillah Khan
 - ☒ 2. Pandit Birju Maharaj
 - ☐ 3. Pandit Shiv Kumar Sharma
 - ☐ 4. Ustad Alla Rakha

Q.20 When was the Asian Games organised in India for the second time?

- Ans**
- ☒ 1. 1982
 - ☐ 2. 1994
 - ☐ 3. 1986
 - ☐ 4. 1998

Q.21	Which Clause of Article 19 of the Indian Constitution guarantees the 'right to move freely throughout the territory of India'?
Ans	☒ 1. Clause (c) ☒ 2. Clause (d) ☒ 3. Clause (a) ☒ 4. Clause (b)
Q.22	According to the Global Multidimensional Poverty Index 2022, which of the following states is NOT included in 10 poorest states?
Ans	☒ 1. Uttar Pradesh ☒ 2. Gujarat ☒ 3. Odisha ☒ 4. Assam
Q.23	Which of the following is an example of revenue expenditure in the government budget?
Ans	☒ 1. Repayment of a loan ☒ 2. Investment in a state-owned company ☒ 3. Payment of salaries to government employees ☒ 4. Construction of a new highway
Q.24	What is the main function of money in an economy?
Ans	☒ 1. To create wealth ☒ 2. To regulate interest rates ☒ 3. To control inflation ☒ 4. To facilitate exchange
Q.25	When did the British East India Company start the 'permanent settlement system'?
Ans	☒ 1. 1793 CE ☒ 2. 1773 CE ☒ 3. 1799 CE ☒ 4. 1780 CE

Section : **English Language and Comprehension**

Q.1	Select the option that rectifies the spelling of the underlined word in the given sentence. They complained that their manager was <u>incompietent</u> and knew nothing about the project.
Ans	☒ 1. inomepetent ☒ 2. incompetit ☒ 3. incompetteant ☒ 4. incompetent
Q.2	Select the most appropriate option to fill in the blank. Most times, he is sitting alone, immersed in his own _____.
Ans	☒ 1. monologue ☒ 2. synagogue ☒ 3. prologue ☒ 4. mystagogue
Q.3	Select the option that can be used as a one-word substitute for the underlined segment in the following sentence. Raymond has opted <u>the study of religion</u> as his major subject in graduation.
Ans	☒ 1. Theology ☒ 2. Psychology ☒ 3. Psephology ☒ 4. Philology

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'.
When Rajesh was going to college, he meet with an accident.

- Ans**
- ☒ 1. met
 - ☐ 2. has met
 - ☐ 3. No substitution required
 - ☐ 4. meets

Q.5 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) He will come / (B) and receive you / (C) at the station / (D) when you will arrive.

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

Q.6 Parts of the following sentence have been given as options. Select the option that contains an error.
In Nepal, the food is more cheaper than in Sri Lanka.

- Ans**
- ☒ 1. more cheaper
 - ☐ 2. the food is
 - ☐ 3. In Nepal
 - ☐ 4. than in Sri Lanka

Q.7 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Committee
 - ☐ 2. Tennessee
 - ☐ 3. Hypnotic
 - ☒ 4. Fourty

Q.8 Select the most appropriate idiom from the given options to fill in the blank.
Being a journalist, your first duty is to _____ or else your colleagues might surpass you.

- Ans**
- ☐ 1. build castles in the air
 - ☒ 2. keep your ear to the ground
 - ☐ 3. have an axe to grind
 - ☐ 4. eat a humble pie

Q.9 Select the most appropriate ANTONYM of the underlined word.
Everyone liked the lively music being played at the restaurant.

- Ans**
- ☐ 1. Durable
 - ☒ 2. Sombre
 - ☐ 3. Speedy
 - ☐ 4. Cheerful

Q.10 The following sentence has been split into four segments. Identify the segment that contains an error.
Manisha saw an old elephant / in the wildlife reserve / while she was / on safari tour.

- Ans**
- ☐ 1. in the wildlife reserve
 - ☒ 2. on safari tour
 - ☐ 3. while she was
 - ☐ 4. Manisha saw an old elephant

Q.11 Select the most appropriate idiom from the given options to fill in the blank.
Greta Thunberg _____ when she dared to question about accountability with respect to global warming and climate change.

- Ans**
- ☐ 1. gave the devil his due
 - ☐ 2. sowed wild oats
 - ☐ 3. kept the pot boiling
 - ☒ 4. hit the nail on the head

Q.12 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.

As soon as I shall win the lottery, I hope to buy a Ferrari.

- Ans**
- ☒ 1. shall win
 - ☐ 2. As soon as
 - ☐ 3. hope
 - ☐ 4. a Ferrari

Q.13 Select the most appropriate meaning of the given idiom.
Be like chalk and cheese

- Ans**
- ☐ 1. To be distantly related to each other
 - ☐ 2. To have a close relation with another person
 - ☐ 3. To be very similar to each other
 - ☒ 4. To be completely different from each other

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 required'.
Virtual reality is the creation of a virtual environment presented to our senses in such a way that we experience it as if we were really there.

- Ans**
- ☐ 1. presents to our senses
 - ☐ 2. presenting in our senses
 - ☐ 3. presenting to our senses
 - ☒ 4. No substitution required

Q.15 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

She is very good / in playing / the guitar / and singing songs.

- Ans**
- ☐ 1. the guitar
 - ☐ 2. and singing songs
 - ☒ 3. in playing
 - ☐ 4. She is very good

Q.16 Select the most appropriate meaning of the underlined idiom.

The judge wanted to hear straight from the horse's mouth.

- Ans**
- ☐ 1. Having ears which never fail
 - ☐ 2. In close vicinity to the juror
 - ☒ 3. Directly from the person involved
 - ☐ 4. Directly from the lawyer

Q.17 Select the most appropriate synonym of the given word.
Distinguished

- Ans**
- ☐ 1. Mediocre
 - ☐ 2. Dramatic
 - ☐ 3. Mirrored
 - ☒ 4. Dignified

Q.18 Identify the INCORRECTLY spelt word in the following sentence and select its correct spelling from the given options.
He has neither the policies nor the persanol charisma to inspire people.

- Ans**
- ☐ 1. polecies
 - ☐ 2. niether
 - ☐ 3. cherisma
 - ☒ 4. personal

Q.19 Select the most appropriate option to fill in the blank.

Some things are meant to be, and death is _____ for humans.

- Ans**
- ☒ 1. spiral
 - ☒ 2. natural
 - ☒ 3. edible
 - ☒ 4. viral

Q.20 Select the most appropriate ANTONYM of the given word.
Periodic

- Ans**
- ☒ 1. Irregular
 - ☒ 2. Holistic
 - ☒ 3. Dynamic
 - ☒ 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.

Environmental pollution is a growing (1)_____ all around the world as it poses significant risks to human health and ecosystems. The (2)_____ of environmental pollution vary from natural causes such as volcanic emissions to human actions, including industrialisation, transportation, energy production and agricultural practices. (3)_____ of these activities, pollutants are released into the air, water bodies and soil leading to harmful effects such as respiratory diseases, loss of biodiversity and climate change. One of the primary causes of environmental pollution is human attitudes towards sustainability (4)_____ their lack of environmental awareness. Human activities that harm the environment and ecosystem often result from individual choices (5)_____ driving or using single-use plastics.

SubQuestion No : 21

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

- Ans**
- ☒ 1. charge
 - ☒ 2. duty
 - ☒ 3. interest
 - ☒ 4. concern

Comprehension:

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

Environmental pollution is a growing (1)_____ all around the world as it poses significant risks to human health and ecosystems. The (2)_____ of environmental pollution vary from natural causes such as volcanic emissions to human actions, including industrialisation, transportation, energy production and agricultural practices. (3)_____ of these activities, pollutants are released into the air, water bodies and soil leading to harmful effects such as respiratory diseases, loss of biodiversity and climate change. One of the primary causes of environmental pollution is human attitudes towards sustainability (4)_____ their lack of environmental awareness. Human activities that harm the environment and ecosystem often result from individual choices (5)_____ driving or using single-use plastics.

SubQuestion No : 22

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

- Ans**
- ☒ 1. sources
 - ☒ 2. sourcing
 - ☒ 3. sourced
 - ☒ 4. source

Comprehension:

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

Environmental pollution is a growing (1)_____ all around the world as it poses significant risks to human health and ecosystems. The (2)_____ of environmental pollution vary from natural causes such as volcanic emissions to human actions, including industrialisation, transportation, energy production and agricultural practices. (3)_____ of these activities, pollutants are released into the air, water bodies and soil leading to harmful effects such as respiratory diseases, loss of biodiversity and climate change. One of the primary causes of environmental pollution is human attitudes towards sustainability (4)_____ their lack of environmental awareness. Human activities that harm the environment and ecosystem often result from individual choices (5)_____ driving or using single-use plastics.

SubQuestion No : 23

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

- Ans**
- ☒ 1. Therefore
 - ☒ 2. However
 - ☒ 3. As a result
 - ☒ 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.

Environmental pollution is a growing (1)_____ all around the world as it poses significant risks to human health and ecosystems. The (2)_____ of environmental pollution vary from natural causes such as volcanic emissions to human actions, including industrialisation, transportation, energy production and agricultural practices. (3)_____ of these activities, pollutants are released into the air, water bodies and soil leading to harmful effects such as respiratory diseases, loss of biodiversity and climate change. One of the primary causes of environmental pollution is human attitudes towards sustainability (4)_____ their lack of environmental awareness. Human activities that harm the environment and ecosystem often result from individual choices (5)_____ driving or using single-use plastics.

SubQuestion No : 24

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

- Ans**
- ☒ 1. since
 - ☒ 2. but
 - ☒ 3. because
 - ☒ 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.

Environmental pollution is a growing (1)_____ all around the world as it poses significant risks to human health and ecosystems. The (2)_____ of environmental pollution vary from natural causes such as volcanic emissions to human actions, including industrialisation, transportation, energy production and agricultural practices. (3)_____ of these activities, pollutants are released into the air, water bodies and soil leading to harmful effects such as respiratory diseases, loss of biodiversity and climate change. One of the primary causes of environmental pollution is human attitudes towards sustainability (4)_____ their lack of environmental awareness. Human activities that harm the environment and ecosystem often result from individual choices (5)_____ driving or using single-use plastics.

SubQuestion No : 25

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

- Ans**
- ☒ 1. like
 - ☒ 2. instance
 - ☒ 3. while
 - ☒ 4. example

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	08/09/2023
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 Consider the sales of a company in the year 2019, 2020, 2021 and 2022 given in the pie chart.



The difference in angles at the centre by sales in 2022 and 2019 is _____ degrees.

- Ans
- ☐ 1. 80
 - ☐ 2. 50
 - ☐ 3. 60
 - ☒ 4. 70

Q.2 A boat covers a distance of 65 km downstream in 5 hours while it takes 13 hours to cover the same distance upstream. What is the speed of the boat in still water?

- Ans
- ☒ 1. 9 km/h
 - ☐ 2. 6 km/h
 - ☐ 3. 8 km/h
 - ☐ 4. 11 km/h

Q.3 Find the volume of a cuboid whose dimensions are 12.2 cm, 16 cm and 8.5 cm.

- Ans
- ☐ 1. 832 cm^3
 - ☐ 2. 3072 cm^3
 - ☒ 3. 1659.2 cm^3
 - ☐ 4. 1664 cm^3

Q.4 The largest three-digit number which gives the same remainder 2 when divided by 3, 5 and 9 is _____.

- Ans
- ☐ 1. 990
 - ☐ 2. 995
 - ☒ 3. 992
 - ☐ 4. 980

Q.5 There are two varieties of rice. Variety 1 costs ₹100 per kg and variety 2 costs ₹120 per kg. The vendor mixed both the varieties and sold for ₹121 per kg and gained 10%. Find the ratio of variety 1 to variety 2 rice in the mixture.

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

Q.6 If the price of a product is decreased by 50%, then increased by 50% and then again increased by 50%, what is the net increase percentage in the price?

- Ans
- ☐ 1. 9.5%
 - ☐ 2. 13.5%
 - ☒ 3. 12.5%
 - ☐ 4. 11.5%

Q.7 Vinita obtained an amount of ₹23,340 as simple interest on a certain amount at 15% per annum after 8 years. What was the amount invested by Vinita?

- Ans
- ☐ 1. ₹18,650
 - ☐ 2. ₹17,490
 - ☒ 3. ₹19,450
 - ☐ 4. ₹20,450

Q.8 What is the fourth proportional to 816, 226, 408?

- Ans
- ☐ 1. 103
 - ☒ 2. 113
 - ☐ 3. 108
 - ☐ 4. 117

Q.9 A can complete a piece of work in 20 days. B can complete the same work in 36 days. If A and B work together, then the number of days required to complete the work is:

- Ans
- ☐ 1. $12\frac{1}{7}$
 - ☐ 2. $10\frac{1}{7}$
 - ☒ 3. $12\frac{6}{7}$
 - ☐ 4. $10\frac{6}{7}$

Q.10 A deposited ₹62,500 at the rate of 8% per annum compounded half yearly, then what is the compound interest at the end of two years?

- Ans**
- ☐ 1. ₹18,161.12
 - ☒ 2. ₹10,616.16
 - ☐ 3. ₹12,171.72
 - ☐ 4. ₹10,821.18

Q.11 The average weight of A, B and C is 43 kg. If the average weight of A and B is 40 kg and that of B and C is 41 kg, then the weight (in kg) of B is?

- Ans**
- ☒ 1. 33
 - ☐ 2. 41
 - ☐ 3. 43
 - ☐ 4. 37

Q.12 There are 48 students in a class. Their average weight is 48 kg. When one student leaves the class, the average weight reduces by 200 grams. What is the weight of the student who left the class?

- Ans**
- ☐ 1. 47.5 kg
 - ☒ 2. 57.4 kg
 - ☐ 3. 45.7 kg
 - ☐ 4. 54.7 kg

Q.13 The cost price of an item is ₹4,850. What is the profit percentage (rounded off to 1 decimal place) if it is sold at ₹6,680?

- Ans**
- ☒ 1. 37.7%
 - ☐ 2. 35.5%
 - ☐ 3. 39.5%
 - ☐ 4. 44.6%

Q.14 If the cost price of 12 mangoes is equal to the selling price of 16 mangoes, then the loss percentage is:

- Ans**
- ☒ 1. 25%
 - ☐ 2. 20%
 - ☐ 3. 33%
 - ☐ 4. 4%

Q.15 A man and woman working on alternate days can finish a work in 15 days if the man works on the first day. The same work is finished in 14.5 days if they work on alternate days and if the woman starts on the first day. The work will be finished by a man alone in _____ days.

- Ans**
- ☒ 1. 22
 - ☐ 2. 21
 - ☐ 3. 15
 - ☐ 4. 25

Q.16 The radius of a cone is 10.5 cm and the area of the curved surface is 396 cm^2 . Find it's slant height.

Take $\pi = \frac{22}{7}$

- Ans
- ☐ 1. 9 cm
 - ☒ 2. 12 cm
 - ☐ 3. 11.5 cm
 - ☐ 4. 8.5 cm

Q.17 The marks scored by a student are directly proportional to the time invested in studies. If the student gets 60 marks when he studies 4 hours a day, then how many hours he should use in his studies daily to get 75 marks?

- Ans
- ☐ 1. 6
 - ☐ 2. 5.5
 - ☐ 3. 4.5
 - ☒ 4. 5

Q.18 Simplify:

$$3\frac{2}{7} + 3\frac{2}{11} \times 3\frac{1}{7} \div 4\frac{1}{3}$$

- Ans
- ☐ 1. $7\frac{54}{91}$
 - ☐ 2. $3\frac{54}{91}$
 - ☒ 3. $5\frac{54}{91}$
 - ☐ 4. $9\frac{54}{91}$

Q.19 The distance covered (in km) by a bus in 55 minutes at a speed of 69 km/h is:

- Ans
- ☒ 1. 63.25
 - ☐ 2. 60.75
 - ☐ 3. 65.25
 - ☐ 4. 67.75

Q.20 Following marks are obtained by a student in five subjects.

Subjects	Marks (out of 50)
CS	49
History	41
English	49
Science	44
Social Science	47

What is the percentage of marks scored by the student?

- Ans
-  1. 93%
 -  2. 92.5%
 -  3. 45%
 -  4. 92%

Section : Reasoning Ability and Problem Solving

Q.1 If G means '-', C means '×', D means '+', B means '+', then what will come in place of the question mark (?) in the following equation?

$$13 \text{ C } 8 \text{ G } 45 \text{ B } 22 \text{ D } 2 = ?$$

- Ans
-  1. 55
 -  2. 62
 -  3. 78
 -  4. 70

Q.2 What should come in place of '?' in the given series?

11 32 74 158 326 ?

- Ans
-  1. 625
 -  2. 662
 -  3. 648
 -  4. 674

Q.3 In a certain code language, 'ATOM' is coded as '9613' and 'BOAT' is coded as '1938'. What is the code for 'B' in the given code language?

- Ans
-  1. 9
 -  2. 1
 -  3. 3
 -  4. 8

Q.4 Which figure should replace the question mark (?) if the following figure series were to be continued?

K			R			4			2			
R	S	A	Q	4	S	2	K	A	R	S	K	
Q		4	K		A	R		S	4		A	?

Ans

✗ 1.

A		
G	R	S
2		4

✗ 2.

4		
G	A	S
2		K

✓ 3.

S		
G	4	A
2		K

✗ 4.

4		
G	2	A
S		K

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.

53, 90

79, 116

(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. 59, 98

✗ 2. 31, 94

✗ 3. 42, 59

✓ 4. 47, 84

Q.6 In a certain code language, 'YOU' is coded as '20' and 'LIP' is coded as '44'. What is the code for 'ROB' in the given code language?

Ans ✗ 1. 41

✗ 2. 42

✗ 3. 44

✓ 4. 46

Q.7 What should come in place of ? in the given series?

73 75 77 79 81 ?

- Ans
- ☒ 1. 83
 - ☐ 2. 85
 - ☐ 3. 82
 - ☐ 4. 84

Q.8 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: Some combs are wood. Some wood are tables. Some tables are plastic.

Conclusion I: Some wood are combs.

Conclusion II: All plastic are tables.

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

Q.9 What should come in place of ? in the given series based on the English alphabetical order?

GUN, DWM, AYL, XAK, ?

- Ans
- ☒ 1. UCJ
 - ☐ 2. VCI
 - ☐ 3. UBI
 - ☐ 4. VBH

Q.10 Seven people, U, M, K, G, B, R and D are sitting in a straight line, facing south. Only two people sit to the left of B. M sits third to the right of G. U is the immediate neighbour of M and B. D sits to the immediate left of K.

Total how many people sit between D and G?

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

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)

7, 13

18, 35

- Ans
- ☐ 1. 44, 76
 - ☒ 2. 22, 43
 - ☐ 3. 32, 64
 - ☐ 4. 77, 98

Q.12 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Cricket : Pitch

- Ans**
- ☐ 1. Wrestling : Track
 - ☐ 2. Boat : Harbour
 - ☒ 3. Boxing : Ring
 - ☐ 4. Ship : Dock

Q.13 The position of how many letters will remain unchanged if each of the letter in the word 'POCKET' is arranged in alphabetical order?

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

Q.14 What should come in place of ? in the given series based on the English alphabetical order?

TEO, RCM, PAK, NYI, ?

- Ans**
- ☐ 1. KVH
 - ☐ 2. KUH
 - ☐ 3. LVG
 - ☒ 4. LWG

Q.15 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 people are tall. Some tall are buildings. No buildings are clocks.

Conclusion I: Some people are buildings.

Conclusion II: No clocks are buildings.

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

Q.16 What should come in place of ? in the given series based on the English alphabetical order?

ICU, FAT, CYS, ZWR, ?

- Ans**
- ☐ 1. VTR
 - ☐ 2. VST
 - ☒ 3. WUQ
 - ☐ 4. WVS

Q.17 If 'I' stands for '+', 'J' stands for '×', 'K' stands for '÷' and 'L' stands for '-', what will come in place of the question mark (?) in the following equation?
119 I (7 J 3) L (50 K 5) L 45 = ?

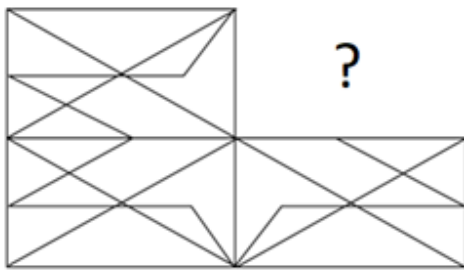
- Ans
- ☒ 1. 80
 - ☒ 2. 70
 - ☒ 3. 85
 - ☒ 4. 75

Q.18 What should come in place of ? in the given series?

23 28 38 53 73 ?

- Ans
- ☒ 1. 91
 - ☒ 2. 95
 - ☒ 3. 101
 - ☒ 4. 98

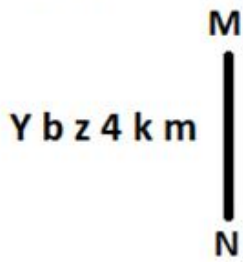
Q.19 Identify the figure that completes the pattern (rotation is NOT allowed).



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.20 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ✓ 1. **m k 4 z d Y**
 - ✗ 2. **w k 4 z d Y**
 - ✗ 3. **m k 4 z b Y**
 - ✗ 4. **m k 4 z q A**

Section : **General Awareness**

Q.1 Dree Utsav is celebrated in the state of _____.

- Ans
- ✗ 1. Assam
 - ✗ 2. Kerala
 - ✓ 3. Arunachal Pradesh
 - ✗ 4. Andhra Pradesh

Q.2 The length of the men's kabaddi court is _____ metres.

- Ans
- ✗ 1. 10
 - ✗ 2. 17
 - ✗ 3. 15
 - ✓ 4. 13

Q.3 What are the three tiers of the Government in India?

- Ans
- ✗ 1. Union government, State government and Judiciary government
 - ✗ 2. Union government, State Government and Federal Government
 - ✓ 3. Union Government, State Government and Local Government
 - ✗ 4. Union government, Judiciary government and Federal government

Q.4 The famous 'Pashupatinath Temple' is located in which country from the following?

- Ans
- ✓ 1. Nepal
 - ✗ 2. Sri Lanka
 - ✗ 3. Bhutan
 - ✗ 4. Maldives

Q.5 In 2023, Ajay Singh, the chief of SpiceJet was appointed as president of which of the following?

- Ans
- ✗ 1. CII
 - ✓ 2. ASSOCHAM
 - ✗ 3. NASSCOM
 - ✗ 4. FICCI

Q.6 Who among the following has NOT received the Sangeet Natak Akademi Award-2021 (given in February 2023) for his/her contribution in dance ?

- Ans
- ✗ 1. **Neena Prasad**
 - ✓ 2. **Sumitra Guha**
 - ✗ 3. **Jayalakshmi Eshwar**
 - ✗ 4. **Thokchom Ibemubi Devi**

Q.7 Whose autobiography is titled ‘An Unsuitable Boy’?

- Ans**
-  1. Aditya Chopra
 -  2. Sanjay Kapoor
 -  3. Karan Johar
 -  4. Hansal Mehta

Q.8 Which of the following is NOT a Directive Principle based on the ideals of Mahatma Gandhi?

- Ans**
-  1. To organise village Panchayats
 -  2. To prohibit intoxicating drinks and drugs that are injurious to health
 -  3. To promote cottage industries in rural areas
 -  4. To promote industrialisation in urban areas

Q.9 Pandit Janki Prasad was associated with which of the following Gharanas of Kathak?

- Ans**
-  1. Jaipur
 -  2. Banaras
 -  3. Raigarh
 -  4. Lucknow

Q.10 Whom among the following Indian singers is known as ‘Gazal King’?

- Ans**
-  1. Jagjit Singh
 -  2. Mukesh
 -  3. Manna Dey
 -  4. Shailendra

Q.11 The foundation of Sanchi Stupa was laid by which of the following Kings?

- Ans**
-  1. Samudragupta
 -  2. Ashoka
 -  3. Chandragupta Maurya
 -  4. Bimbisara

Q.12 In which of the following years was the first Janjatiya Khel Mahotsav held?

- Ans**
-  1. 2020
 -  2. 2021
 -  3. 2023
 -  4. 2022

Q.13 What is personal income?

- Ans**
-  1. The total income earned by individuals and households before taxes and other deductions
 -  2. The income earned by individuals through their own business or self-employment
 -  3. The total income earned by businesses and corporations in an economy
 -  4. The income earned by individuals and households after taxes and other deductions

Q.14 Who founded the Hindu reform organisation Brahmo Samaj?

- Ans**
-  1. Ramkrishna Paramhans
 -  2. Atmaram Pandurang
 -  3. Rabindranath Tagore
 -  4. Raja Ram Mohan Roy

Q.15 Which of the following is an example of the Western Coast Port?

- Ans**
-  1. Tuticorin Port
 -  2. Paradip Port
 -  3. Vishakhapatnam Port
 -  4. Mumbai Port

Q.16	_____ word of Indian dance is derived from a Sanskrit word and literally means 'taking towards'.
Ans	 1. Nritta  2. Laasya  3. Taandava  4. Abhinaya
Q.17	During which months do retreating monsoons occur in India?
Ans	 1. January and February  2. March and April  3. May and June  4. October and November
Q.18	Which of the following oceans is surrounded by the continent of North America and South America to the east?
Ans	 1. Pacific Ocean  2. Arctic Ocean  3. Indian Ocean  4. Atlantic Ocean
Q.19	Rohit Sharma became the first ever Indian to play how many T20 cricket matches in October 2022?
Ans	 1. 200  2. 400  3. 100  4. 300
Q.20	Who among the following is the author of the book 'The Zoya factor'?
Ans	 1. Anuja Chauhan  2. Kiran Desai  3. Sudha Murty  4. Nandini Bajpai
Q.21	Ball and spring model of chemical bonds obey:
Ans	 1. Charles' law  2. Newton's law  3. Hooke's law  4. gravitational law
Q.22	Which of the following methods is used to calculate national income by summing up the total incomes earned by individuals and businesses in an economy?
Ans	 1. Value-added method  2. Income method  3. Output method  4. Expenditure method
Q.23	Which is the primary structural component responsible for most of the mechanical strength of the cell wall?
Ans	 1. Chitin  2. Heparin  3. Cellulose  4. Glycogen
Q.24	Which form of Indian dance is said to be 'soft and suitable for female presentation'?
Ans	 1. Taandava  2. Nritta  3. Laasya  4. Nritya

Q.25 Which Indian Mass Movement began with the famous 'Dandi March' of Mahatma Gandhi?

- Ans**
- ☒ 1. Non-Cooperation Movement
 - ☒ 2. Civil Disobedience Movement
 - ☒ 3. Quit India Movement
 - ☒ 4. Kheda Movement

Section : **English Language and Comprehension**

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

- Ans**
- ☒ 1. Decisive
 - ☒ 2. Elevated
 - ☒ 3. Flexible
 - ☒ 4. Famous

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.

He apologised in her silently before he pushed deeper into her thoughts.

- Ans**
- ☒ 1. apologised to her
 - ☒ 2. apologise in her
 - ☒ 3. apologised of her
 - ☒ 4. apologised with her

Q.3 Select the most appropriate synonym of the underlined word.
Ray was cynical about love.

- Ans**
- ☒ 1. obese
 - ☒ 2. trusting
 - ☒ 3. pessimistic
 - ☒ 4. prolific

Q.4 Select the most appropriate meaning of the underlined idiom.
Ramesh always blows his own trumpet.

- Ans**
- ☒ 1. criticises himself
 - ☒ 2. praises himself
 - ☒ 3. does his own work
 - ☒ 4. depends on others

Q.5 Select the option that can be used as a one-word substitute for the given group of words.
An examination of a body after death

- Ans**
- ☒ 1. Post death
 - ☒ 2. Post partum
 - ☒ 3. Post room
 - ☒ 4. Post mortem

Q.6 Select the correctly spelt word.

- Ans**
- ☒ 1. Behavier
 - ☒ 2. Behaviour
 - ☒ 3. Bihavior
 - ☒ 4. Behaveor

Q.7 Select the most appropriate option that can rectify the underlined segment in the given sentence. If there is no need to rectify it, select 'no rectification needed'.

You are the beautiful woman I have ever seen.

- Ans**
- ☒ 1. beauty
 - ☒ 2. more beautiful
 - ☒ 3. most beautiful
 - ☒ 4. no rectification needed

Q.8 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
My younger daughter, / Kanu prefer / dark chocolate / to yoghurt.

- Ans**
- ☒ 1. My younger daughter
 - ☒ 2. dark chocolate
 - ☒ 3. to yoghurt
 - ☒ 4. Kanu prefer

Q.9 Select the most appropriate meaning of the underlined idiom.
He was on cloud nine when he got admission in Cambridge University.

- Ans**
- ☒ 1. very happy
 - ☒ 2. available to be called to go to work
 - ☒ 3. involved in useless journey
 - ☒ 4. unsettled

Q.10 Select the most appropriate synonym of the given word.
Obvious

- Ans**
- ☒ 1. Clear
 - ☒ 2. Murky
 - ☒ 3. Opaque
 - ☒ 4. Ambiguous

Q.11 Select the option that can be used as a one-word substitute for the given group of words.
One who does not believe in the existence of God

- Ans**
- ☒ 1. Believer
 - ☒ 2. Priest
 - ☒ 3. Monk
 - ☒ 4. Atheist

Q.12 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Rhythm
 - ☒ 2. Maintanance
 - ☒ 3. Important
 - ☒ 4. Friend

Q.13 Choose the option which best expresses the meaning of the given idiom.

By fair means or foul

- Ans**
- ☒ 1. To get one's way with honesty or dishonesty
 - ☒ 2. To provoke someone into quarrelling
 - ☒ 3. To work without planning
 - ☒ 4. To find difficulty in completing some work

Q.14 Select the most appropriate meaning of the given idiom.
As phony as a three-dollar bill

- Ans**
- ☒ 1. Something that is fake
 - ☒ 2. Something that is attractive
 - ☒ 3. Something that is disgusting
 - ☒ 4. Something that is genuine

Q.15 Select the option that rectifies the spelling of the underlined word in the given sentence.

The company sent out a questionaire to its employees to gather feedback on their work environment.

- Ans**
- ☒ 1. questioneire
 - ☒ 2. questionaiare
 - ☒ 3. questionnire
 - ☒ 4. questionnaire

Q.16 Parts of the following sentence have been given as options. Select the option that contains an error.
Ishita will playing Tennis for her favourite team.

- Ans**
- ☒ 1. Tennis for
 - ☒ 2. her favourite team
 - ☒ 3. will playing
 - ☒ 4. Ishita

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

They are going to give me a lovely present, but I cannot ____ what it will be.

- Ans**
- ☒ 1. gist
 - ☒ 2. give
 - ☒ 3. guest
 - ☒ 4. guess

Q.18 Select the option that can be used as a one-word substitute for the given group of words.
A person who feeds on human flesh

- Ans**
- ☒ 1. Cannibal
 - ☒ 2. Nudge
 - ☒ 3. Carnivore
 - ☒ 4. Omnivore

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'.
Larger emissions of greenhouse gases lead to higher concentrations in the atmosphere.

- Ans**
- ☒ 1. No substitution required
 - ☒ 2. leaded to higher concentrations
 - ☒ 3. is lead to higher concentrations
 - ☒ 4. have lead to higher concentrations

Q.20 Choose the sentence that contains an error.

- Ans**
- ☒ 1. She is the only person who can solve this difficult math problem.
 - ☒ 2. The Great Wall of China is a popular tourist attraction.
 - ☒ 3. He is an lawyer who works for a prestigious law firm.
 - ☒ 4. I saw a movie that was directed by Steven Spielberg.

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.

One of the (1)_____ tragedies is seeing someone with incredible talent get (2)_____ because he or she lacks some basic skills. This book (3)_____ the number one reason executives derail, and it provides extremely helpful tools to operate in a fast-paced, result-oriented environment. I am impressed by how insightful, (4)_____, well organised and focused it is. It will surely help one (5)_____ several difficult situations.

SubQuestion No : 21

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

- Ans**
- ☒ 1. more great
 - ☒ 2. greater
 - ☒ 3. greatest
 - ☒ 4. great

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.

One of the (1)_____ tragedies is seeing someone with incredible talent get (2)_____ because he or she lacks some basic skills. This book (3)_____ the number one reason executives derail, and it provides extremely helpful tools to operate in a fast-paced, result-oriented environment. I am impressed by how insightful, (4)_____, well organised and focused it is. It will surely help one (5)_____ several difficult situations.

SubQuestion No : 22

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

- Ans
- ☒ 1. uplifted
 - ☒ 2. damaged
 - ☒ 3. derailed
 - ☒ 4. channelised

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.

One of the (1)_____ tragedies is seeing someone with incredible talent get (2)_____ because he or she lacks some basic skills. This book (3)_____ the number one reason executives derail, and it provides extremely helpful tools to operate in a fast-paced, result-oriented environment. I am impressed by how insightful, (4)_____, well organised and focused it is. It will surely help one (5)_____ several difficult situations.

SubQuestion No : 23

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

- Ans
- ☒ 1. devours
 - ☒ 2. neglects
 - ☒ 3. demeans
 - ☒ 4. addresses

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.

One of the (1)_____ tragedies is seeing someone with incredible talent get (2)_____ because he or she lacks some basic skills. This book (3)_____ the number one reason executives derail, and it provides extremely helpful tools to operate in a fast-paced, result-oriented environment. I am impressed by how insightful, (4)_____, well organised and focused it is. It will surely help one (5)_____ several difficult situations.

SubQuestion No : 24

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

- Ans
- ☒ 1. readable
 - ☒ 2. cumbersome
 - ☒ 3. sophisticated
 - ☒ 4. pessimistic

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.

One of the (1)_____ tragedies is seeing someone with incredible talent get (2)_____ because he or she lacks some basic skills. This book (3)_____ the number one reason executives derail, and it provides extremely helpful tools to operate in a fast-paced, result-oriented environment. I am impressed by how insightful, (4)_____, well organised and focused it is. It will surely help one (5)_____ several difficult situations.

SubQuestion No : 25

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

- Ans
- ☒ 1. salvage
 - ☒ 2. reject
 - ☒ 3. discourage
 - ☒ 4. condemn

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	08/09/2023
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 In what ratio, rice costing ₹185 per kg be mixed with rice costing ₹95 per kg such that by selling the mixture at ₹140 per kg there is a gain of 40%?

- Ans
- ☐ 1. 2 : 13
 - ☐ 2. 3 : 23
 - ☐ 3. 2 : 19
 - ☒ 4. 1 : 17

Q.2 Find the amount if ₹10,200 is invested at the rate of 8% per annum compound interest for $1\frac{1}{2}$ years when interest is compounded half yearly (up to two decimal places).

- Ans
- ☐ 1. ₹11,347.28
 - ☐ 2. ₹11,743.61
 - ☐ 3. ₹11,764.28
 - ☒ 4. ₹11,473.61

Q.3 A man runs across an 1800 m long street in 6 min. Calculate his speed in m/sec.

- Ans
- ☐ 1. 8
 - ☐ 2. 4
 - ☐ 3. 6
 - ☒ 4. 5

Q.4 The income of a company increases 25% per annum. If its income is ₹26,64,000 in the year 1999 what was its income in the year 1997?

- Ans
- ☒ 1. ₹ 17,04,960
 - ☐ 2. ₹ 17,50,000
 - ☐ 3. ₹ 15,50,000
 - ☐ 4. ₹ 16,50,000

Q.5 In a certain time, a sum becomes 5 times at the rate of 6% per annum on simple interest. At what rate of interest, the same sum becomes 8 times in the same duration?

- Ans
- ☐ 1. 12.5%
 - ☐ 2. 8.5%
 - ☐ 3. 5.5%
 - ☒ 4. 10.5%

Q.6 A man sold his cycle at 17% loss. If he had sold it for ₹1,056 more, he would have made 5% profit. The cost price of the cycle is:

- Ans
- ☐ 1. ₹3,800
 - ☐ 2. ₹4,700
 - ☒ 3. ₹4,800
 - ☐ 4. ₹5,100

Q.7 A boat covers a certain distance downstream in 5 hours but takes 8 hours to return upstream to the starting point. If the speed of the stream is 6 km/h, find the speed of the boat in still water.

- Ans
- ☒ 1. 26 km/h
 - ☐ 2. 13 km/h
 - ☐ 3. 39 km/h
 - ☐ 4. 78 km/h

Q.8 Three numbers are in the ratio 5 : 2 : 7. The sum of their squares is 3822. The biggest number is:

- Ans
- ☒ 1. 49
 - ☐ 2. 35
 - ☐ 3. 38
 - ☐ 4. 78

Q.9 The following marks are obtained by a student in five subjects.

Subjects	Marks
Geography	42
History	43
Civics	51
Hindi	54
CS	50

What is the difference between the minimum and maximum marks scored by the student?

- Ans
- ☐ 1. 10
 - ☐ 2. 2
 - ☒ 3. 12
 - ☐ 4. 4

Q.10 A path of uniform width 2.5 m runs around the outside of a rectangular field of dimensions 45 m × 35 m. What is the area of the path (in m^2) ?

- Ans
- ☐ 1. 525
 - ☐ 2. 500
 - ☐ 3. 475
 - ☒ 4. 425

Q.11 On simplifying the following expression, we get _____.

$$\frac{24\sqrt{45} - 16\sqrt{20} + \sqrt{245} - 47\sqrt{5}}{3\frac{1}{5} + 1\frac{2}{5} - 2\frac{1}{6} - 2\frac{1}{5} - 5\frac{2}{5} + 3\frac{1}{6}}$$

- Ans
- ☐ 1. 3
 - ☐ 2. 1
 - ☒ 3. 0
 - ☐ 4. 2

Q.12 Aisha and Razia can complete a work in 50 days and 75 days, respectively. In how many days will the entire work be completed if both of them work together?

- Ans
- ☐ 1. 32
 - ☐ 2. 28
 - ☐ 3. 25
 - ☒ 4. 30

Q.13 Find the HCF of 230, 276, and 322.

- Ans
- ☒ 1. 46
 - ☐ 2. 23
 - ☐ 3. 14
 - ☐ 4. 12

Q.14 A and B can do a piece of work in 6 and 12 days, respectively. If they work alternately and A begins the work, in how many days will the work be completed?

- Ans
- ☐ 1. $9\frac{1}{2}$
 - ☐ 2. $8\frac{1}{2}$
 - ☒ 3. 8
 - ☐ 4. 9

Q.15 The speed of a bus from station A to B is 55 km/h, and while coming back from station B to A, the speed of the bus is 95 km/h. The average speed (in km/h) of the bus during the whole journey is:

- Ans
- ☐ 1. $67\frac{1}{3}$
 - ☒ 2. $69\frac{2}{3}$
 - ☐ 3. $62\frac{2}{3}$
 - ☐ 4. $72\frac{1}{3}$

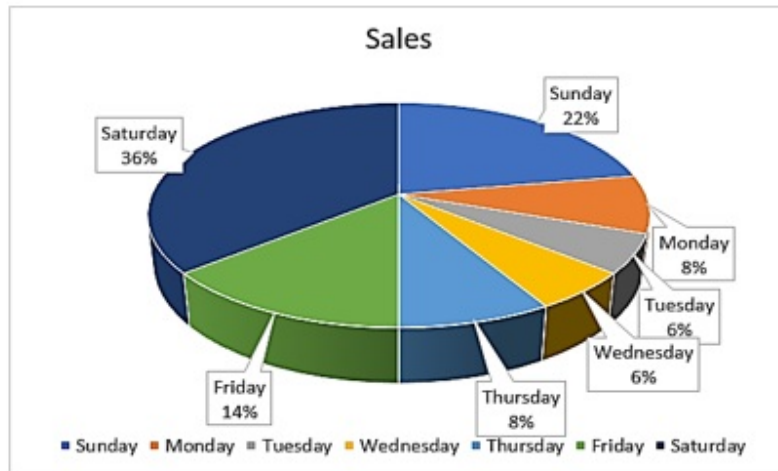
Q.16 What is the total surface area (in cm^2) of a right circular cone of radius 10.5 cm and slant height 13 cm? Take $\pi = \frac{22}{7}$

- Ans
- ☐ 1. 577.5
 - ☒ 2. 775.5
 - ☐ 3. 787.5
 - ☐ 4. 757.5

Q.17 Among four numbers the sum of the smallest and largest is 72 more than the sum of middle two numbers . If the numbers are in the ratio 6 : 7 : 15 : 19, then the smallest number is:

- Ans
- ☐ 1. 72
 - ☐ 2. 168
 - ☒ 3. 144
 - ☐ 4. 216

Q.18 The sale of tickets (in thousands) in days of a week is given in the pie chart:



The combined angle made at the centre by which days is equal to the angle made by Saturday?

- Ans
- ☐ 1. Wednesday, Thursday and Friday
 - ☒ 2. Sunday, Monday and Tuesday
 - ☐ 3. Tuesday, Wednesday and Thursday
 - ☐ 4. Monday, Tuesday and Wednesday

Q.19 The average of a batsman in 20 innings is 41 runs. In the next inning, he scored 41 runs. What will be his new average?

- Ans
- ☒ 1. 41
 - ☐ 2. 39
 - ☐ 3. 38
 - ☐ 4. 36

Q.20 A dealer buys some goods for ₹3,600. If the overhead expenses be 5% of the cost price, then at what price should it be sold to earn 15%?

- Ans
- ☐ 1. ₹4,734
 - ☐ 2. ₹4,437
 - ☒ 3. ₹4,347
 - ☐ 4. ₹4,743

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 the pencils are pens. All the pens are inks.

Conclusions:

(I) All the pencils are inks.

(II) Some inks are pencils.

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

Q.2 What should come in place of ? in the given series based on the English alphabetical order?

JAS, HDV, FGY, DJB, ?

- Ans**
- ☒ 1. CMG
 - ☒ 2. CNF
 - ☒ 3. BME
 - ☒ 4. DNE

Q.3 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

(54 A 9) C 34 D (10 B 3) C 46 D 16 = ?

- Ans**
- ☒ 1. 46
 - ☒ 2. 32
 - ☒ 3. 54
 - ☒ 4. 40

Q.4 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: Some beds are telephones. All telephones are pillows. Some pillows are cupboards.

Conclusion I: Some pillows are telephones.

Conclusion II: Some beds are pillows.

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

Q.5 What should come in place of ? in the given series based on the English alphabetical order?

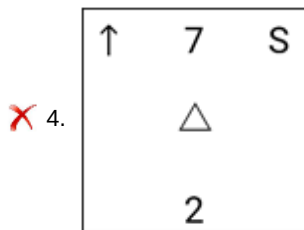
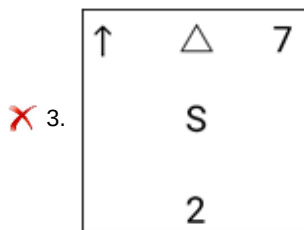
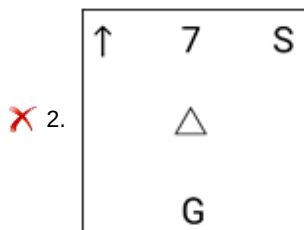
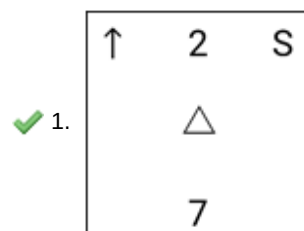
LVF, IUC, FTZ, CSW, ?

- Ans
- ☒ 1. YQW
 - ☒ 2. ZQW
 - ☒ 3. YSX
 - ☒ 4. ZRT

Q.6 Which figure should replace the question mark (?) if the following figure series were to be continued?

△	G	S	S	7	B	2	△	7	7	S	G	
	B			△			G			2		?
	7			G			S			△		

Ans



Q.7 What should come in place of '?' in the given series?

20 54 156 ? 1380 4134 12396

- Ans
- ☒ 1. 462
 - ☒ 2. 358
 - ☒ 3. 506
 - ☒ 4. 474

Q.8 In a certain code language, 'good vibes only' is coded as 'vn mj kl' and 'change is good' is coded as 'mj ro dh'. How is 'good' coded in the given language?

- Ans**
- ☐ 1. dh
 - ☒ 2. mj
 - ☐ 3. ro
 - ☐ 4. vn

Q.9 The position of how many letters will remain unchanged if each of the letter in the word 'DURATION' is arranged in alphabetical order?

- Ans**
- ☐ 1. Five
 - ☐ 2. Four
 - ☒ 3. None
 - ☐ 4. One

Q.10 16 is related to 29 following a certain logic. Following the same logic, 85 is related to 98. To which of the following is 53 related to, following the same logic?

- Ans**
- ☐ 1. 68
 - ☒ 2. 66
 - ☐ 3. 64
 - ☐ 4. 62

Q.11 What should come in place of '?' in the given series?

2 16 86 436 2186 ?

- Ans**
- ☐ 1. 11486
 - ☒ 2. 10936
 - ☐ 3. 10578
 - ☐ 4. 11032

Q.12 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

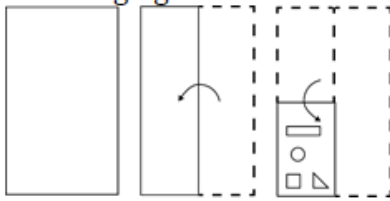
Correspond : Letters

- Ans**
- ☒ 1. Barter : Commodities
 - ☐ 2. Debate : Problems
 - ☐ 3. Trespass : Boundaries
 - ☐ 4. Arbitrate : Controversies

Q.13 In a certain code language, 'YOJ' is coded as 'BRM' and 'DSP' is coded as 'GVS'. What is the code for 'ZMC' in the given code language?

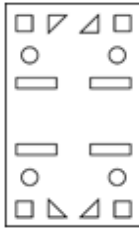
- Ans**
- ☐ 1. DQE
 - ☐ 2. CQF
 - ☒ 3. CPF
 - ☐ 4. DPG

Q.14 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?

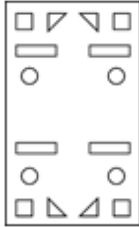


Ans

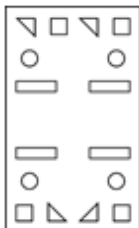
✗ 1.



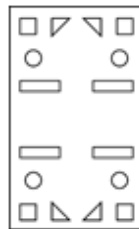
✗ 2.



✗ 3.



✓ 4.



Q.15 Abeer, Bela, Deepa, Farheen, Heera, and Girish are sitting around a circular table facing the centre. Girish sits 2nd to the right of Deepa. Farheen sits to the immediate left of Girish. Bela sits 2nd to the right of Farheen. Heera is an immediate neighbour of Deepa. Who sits to the immediate right of Bela?

Ans

✓ 1. Abeer

✗ 2. Deepa

✗ 3. Girish

✗ 4. Heera

Q.16 If F means '-', C means '×', D means '+', A means '+', then what will come in place of the question mark (?) in the following equation?

$$65 A 39 D 3 F 23 C 2 = ?$$

Ans

✓ 1. 32

✗ 2. 56

✗ 3. 64

✗ 4. 42

Q.17 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)
2, 7
5, 16

- Ans**
- ☒ 1. 20, 58
 - ☒ 2. 11, 23
 - ☒ 3. 14, 45
 - ☒ 4. 15, 46

Q.18 What should come in place of ? in the given series?

37 36 33 32 29 ?

- Ans**
- ☒ 1. 26
 - ☒ 2. 24
 - ☒ 3. 28
 - ☒ 4. 27

Q.19 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

J _ K _ KKJ _ K _ _ K

- Ans**
- ☒ 1. JJKJK
 - ☒ 2. JKJKJ
 - ☒ 3. KJKJK
 - ☒ 4. KJJKJ

Q.20 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

M
|
Q a M r 5 7 p
|
N

- Ans**
- ☒ 1. q 7 5 1 M 6 0
 - ☒ 2. q 7 2 1 M 6 0
 - ☒ 3. q 7 5 1 M a 0
 - ☒ 4. q 7 2 1 W a 0

Q.1	According to the IUPAC nomenclature system, which functional group is characterised by the presence of a –OH group, usually in a water-like bent shape?
Ans	1. Carbonyls 2. Esters 3. Amines 4. Alcohols
Q.2	In which event at the 2023 ISSF Junior World Cup Championships did Amanpreet Singh win a gold medal for India?
Ans	1. Men's 10 m air pistol team 2. Men's 10 m air rifle 3. Men's 25 m pistol 4. Men's 25 m rapid fire pistol
Q.3	Former Governor of Jharkhand from the year 2004 to 2009, _____, passed away in Lucknow in 2022.
Ans	1. Syed Ahmed 2. Ramesh Bais 3. Kateekal Sankaranarayanan 4. Syed Sibtey Razi
Q.4	The Swarna Jayanti Shahari Rojgar Yojana (SJSRY) was launched in the year _____ by Government of India.
Ans	1. 1997 2. 2010 3. 2004 4. 1990
Q.5	In which state of India is Kaziranga National Park located?
Ans	1. Karnataka 2. West Bengal 3. Gujarat 4. Assam
Q.6	Which of the following Carnatic musicians was the first to receive the Bharat Ratna?
Ans	1. KJ Yesudas 2. MS Subbulakshmi 3. Tyagaraja 4. Syama Sastri
Q.7	Mumtaz Khan was named 'FIH Women's Rising Star of the Year' in 2022. She plays which of the following sports?
Ans	1. Fencing 2. Hockey 3. High Jump 4. Football
Q.8	Which of the following is the highest navigable lake in the world?
Ans	1. Superior 2. Titicaca 3. Huron 4. Como
Q.9	_____ was a star of the Kathak dance form described as 'Nritya Samragini' (the empress of dance) by Rabindranath Tagore.
Ans	1. Rukmini Devi Arundale 2. Sitara Devi 3. Mallika Sarabhai 4. Mrinalini Sarabhai

Q.10	The 11th Fundamental Duty provides opportunities for education for the _____ age group of children.
Ans	☒ 1. 6-14 ☐ 2. 5-15 ☐ 3. 6-18 ☐ 4. 2-11
Q.11	The Rathwas, who dwell in the state of _____, perform the Rathwa dance on the occasion of Holi (festival of colours).
Ans	☐ 1. Telangana ☒ 2. Gujarat ☐ 3. Andhra Pradesh ☐ 4. Maharashtra
Q.12	Which Article of the Constitution of India provides for a governor for each state?
Ans	☒ 1. Article 153 ☐ 2. Article 173 ☐ 3. Article 157 ☐ 4. Article 156
Q.13	'Chapchar Kut' is a festival from the state of _____. It is celebrated during March after the completion of the most arduous task of Jhum operation i.e., jungle clearing (clearing of the remnants of burning).
Ans	☐ 1. Jharkhand ☒ 2. Mizoram ☐ 3. Nagaland ☐ 4. Chhattisgarh
Q.14	Which of the following is a common financial service provided by Micro Finance Institutions?
Ans	☐ 1. Credit card issuance ☐ 2. Mortgage loans for luxury homes ☐ 3. Investment advisory services for high-net-worth individuals ☒ 4. Small loans to low-income individuals for entrepreneurial activities
Q.15	In which of the following States was the 2023 World Squash Championship held?
Ans	☐ 1. Odisha ☒ 2. Tamil Nadu ☐ 3. Karnataka ☐ 4. Kerala
Q.16	Which of the following methods is used to calculate national income by summing up the total spending on final goods and services in an economy?
Ans	☐ 1. Value-added method ☒ 2. Expenditure method ☐ 3. Output method ☐ 4. Income method
Q.17	As per the Census of India 2011, which Union Territory recorded the lowest population growth rate?
Ans	☐ 1. Delhi ☐ 2. Daman and Diu ☒ 3. Lakshadweep ☐ 4. Chandigarh
Q.18	Whose autobiography is titled 'Ace against Odds'?
Ans	☐ 1. Mary Kom ☒ 2. Sania Mirza ☐ 3. Saina Nehwal ☐ 4. Mirabai Chanu

Q.19 In which year were the Arms Act and Vernacular Press Act passed?

- Ans
- ☒ 1. 1878
 - ☐ 2. 1877
 - ☐ 3. 1876
 - ☐ 4. 1879

Q.20 Whose autobiography is titled as 'Wings of Fire: An Autobiography'?

- Ans
- ☐ 1. Satyabhama Das Biju
 - ☐ 2. Rajender Singh
 - ☐ 3. E Sreedharan
 - ☒ 4. APJ Abdul Kalam

Q.21 Ajmer Sharif is the shrine of which of the following Sufi saints?

- Ans
- ☒ 1. Khwaja Moinuddin Chishti
 - ☐ 2. Mohammad Ghorī
 - ☐ 3. Bhaktiyar Khilji
 - ☐ 4. Mohammad Bin Tughlaq

Q.22 Manna Dey was a famous personality of India in the field of _____.

- Ans
- ☐ 1. Science
 - ☐ 2. Politics
 - ☐ 3. Games
 - ☒ 4. Music

Q.23 By what name are the flat membrane-enclosed sacs present in the Golgi apparatus known?

- Ans
- ☐ 1. Stroma
 - ☐ 2. Cristae
 - ☐ 3. Lamellae
 - ☒ 4. Cisternae

Q.24 Rukmini Devi Arundale was associated with which Indian classical dance form?

- Ans
- ☐ 1. Mohiniyattam
 - ☒ 2. Bharatanatyam
 - ☐ 3. Manipuri
 - ☐ 4. Kathak

Q.25 Who was the first Woman President of Indian National Congress?

- Ans
- ☐ 1. Usha Mehta
 - ☒ 2. Annie Besant
 - ☐ 3. Sarojini Naidu
 - ☐ 4. Asaf Ali

Section : English Language and Comprehension

Q.1 The following sentence has been split into four segments. Identify the segment that contains an error.
She was writing / a letter to her grandmother / when the power / gone out.

- Ans
- ☐ 1. a letter to her grandmother
 - ☒ 2. gone out
 - ☐ 3. when the power
 - ☐ 4. She was writing

Q.2 Select the most appropriate option to fill in the blank.
Many soldiers marched in _____ at the international border.

- Ans**
- ☐ 1. dress
 - ☐ 2. clothes
 - ☐ 3. fabric
 - ☒ 4. uniform

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

This scripture / has been /translated in / seventy languages.

- Ans**
- ☐ 1. seventy languages
 - ☐ 2. This scripture
 - ☒ 3. translated in
 - ☐ 4. has been

Q.4 Select the most appropriate synonym of the given word.
Grief

- Ans**
- ☒ 1. Pain
 - ☐ 2. Jollity
 - ☐ 3. Content
 - ☐ 4. Pleasure

Q.5 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) Four divided by / (B) two is coming / (C) out to / (D) be two.

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

Q.6 There is a spelling error in the given sentence. Select the option that contains the INCORRECTLY spelt word.
The profesor's niece was planning a pleasant surprise for him.

- Ans**
- ☐ 1. planning
 - ☐ 2. niece
 - ☐ 3. pleasant
 - ☒ 4. profesor

Q.7 Select the most appropriate option to fill in the blank.

She was known for her _____ attention to detail, always making sure everything was perfectly organised and in its proper place.

- Ans**
- ☐ 1. exact
 - ☐ 2. tedious
 - ☐ 3. scornful
 - ☒ 4. fastidious

Q.8 Select the sentence that has NO spelling errors.

- Ans**
- ☒ 1. The elderly woman was delighted to receive a bouquet of fragrant flowers from her thoughtful grandson, who had come to visit her at the nursing home
 - ☐ 2. The elderly woman was delighted to receive a bouque of fragrant flowers from her thoughtfull grandson, who had come to visit her at the nursing home
 - ☐ 3. The elderly woman was delighted to receive a bouque of fregrant flowers from her thoughtful grandson, who had come to visit her at the nursing home
 - ☐ 4. The elderly woman was delighted to recive a bouquet of fragrant flowers from her thoughtfull grandson, who had come to visit her at the nursing home

Q.9 Select the most appropriate meaning of the given idiom.
From scratch

- Ans**
- ☐ 1. From death
 - ☐ 2. From utter disorder
 - ☒ 3. From the beginning
 - ☐ 4. From a skin disease

Q.10 Select the option that can be used as a one-word substitute for the underlined segment in the following sentence.
Hundreds of people were removed from a place by the government recently due to a war-like situation.

- Ans**
- ☐ 1. assassinated
 - ☐ 2. invaded
 - ☒ 3. evacuated
 - ☐ 4. terminated

Q.11 Parts of the following sentence have been given as options. Select the option that contains an error.
They have less books than I have.

- Ans**
- ☐ 1. than
 - ☐ 2. I have
 - ☐ 3. They have
 - ☒ 4. less books

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

The killing of a king

- Ans**
- ☐ 1. Patricide
 - ☒ 2. Regicide
 - ☐ 3. Sororicide
 - ☐ 4. Fratricide

Q.13 Select the option that rectifies the spelling of the underlined word in the given sentence.

He felt priviledged to have received the country's greatest honour.

- Ans**
- ☒ 1. privileged
 - ☐ 2. privilaged
 - ☐ 3. previllaged
 - ☐ 4. privilegede

Q.14 Select the most appropriate ANTONYM of the given word.
Nonchalant

- Ans**
- ☐ 1. Covert
 - ☐ 2. Flexible
 - ☒ 3. Caring
 - ☐ 4. Marvellous

Q.15 Select the most appropriate option to fill in the blanks.
(Ø = No article)

_____ doctor suggested doing some eye exercises and wearing _____ pair of powered glasses.

- Ans**
- ☐ 1. Ø; a
 - ☒ 2. The; a
 - ☐ 3. A; a
 - ☐ 4. A; Ø

Q.16 Select the most appropriate meaning of the underlined idiom.

The detective went the whole nine yards in his investigation.

- Ans**
- ☐ 1. Taking the distant call
 - ☒ 2. Everything, all the way
 - ☐ 3. Measuring every step
 - ☐ 4. Close affinity with the law

Q.17 Select the option that can be used as a one-word substitute for the given group of words.

One who has love for mankind

OR

One who makes an active effort to promote human welfare

- Ans**
- ☒ 1. Philanthropist
 - ☐ 2. Philosopher
 - ☐ 3. Patriot
 - ☐ 4. Autocrat

Q.18 Select the most appropriate meaning of the given idiom.
Into hot water

- Ans**
- ☐ 1. In favour with
 - ☐ 2. Came to nothing
 - ☒ 3. Into trouble
 - ☐ 4. Not on good terms

Q.19 Select the most appropriate meaning of the underlined idiom in the following sentence.

Buying a home in the city centre will cost you an arm and a leg.

- Ans**
- ☒ 1. A large amount of money
 - ☐ 2. Physical pain
 - ☐ 3. A small amount of money
 - ☐ 4. Nothing extra

Q.20 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
The sun was setting over the mountains, painting the sky with _____ (energetic) shades of orange and pink.

- Ans**
- ☐ 1. reactive
 - ☐ 2. faded
 - ☒ 3. vibrant
 - ☐ 4. bright

Comprehension:

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

Tim Cook, CEO of Apple who has recently _____ (1) India, has some _____ (2) for parents: limit the screen time for children. He says: "Kids are born _____ (3), they're digital kids now. And it is, I think, important to set some hard rails around it." Various surveys of Indian children show alarming findings. A Saurashtra University survey of _____ (4) a thousand children and their parents in Rajkot finds that 92% students prefer playing mobile games over playing outside and 78% students _____ (5) to having their phone while having meals. In another survey by Local Circles, nearly 55% of parents admit that their children aged 9-13 have access to a smartphone throughout the day.

SubQuestion No : 21

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

- Ans**
- ☐ 1. visiting
 - ☒ 2. visited
 - ☐ 3. visits
 - ☐ 4. visit

Comprehension:

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

Tim Cook, CEO of Apple who has recently _____ (1) India, has some _____ (2) for parents: limit the screen time for children. He says: "Kids are born _____ (3), they're digital kids now. And it is, I think, important to set some hard rails around it." Various surveys of Indian children show alarming findings. A Saurashtra University survey of _____ (4) a thousand children and their parents in Rajkot finds that 92% students prefer playing mobile games over playing outside and 78% students _____ (5) to having their phone while having meals. In another survey by Local Circles, nearly 55% of parents admit that their children aged 9-13 have access to a smartphone throughout the day.

SubQuestion No : 22

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

- Ans**
- ☐ 1. advise
 - ☐ 2. suggest
 - ☒ 3. advice
 - ☐ 4. suggesting

Comprehension:

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

Tim Cook, CEO of Apple who has recently _____ (1) India, has some _____ (2) for parents: limit the screen time for children. He says: "Kids are born _____ (3), they're digital kids now. And it is, I think, important to set some hard rails around it." Various surveys of Indian children show alarming findings. A Saurashtra University survey of _____ (4) a thousand children and their parents in Rajkot finds that 92% students prefer playing mobile games over playing outside and 78% students _____ (5) to having their phone while having meals. In another survey by Local Circles, nearly 55% of parents admit that their children aged 9-13 have access to a smartphone throughout the day.

SubQuestion No : 23

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

- Ans**
- ☒ 1. digitalised
 - ☒ 2. digitally
 - ☒ 3. digital
 - ☒ 4. digitalise

Comprehension:

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

Tim Cook, CEO of Apple who has recently _____ (1) India, has some _____ (2) for parents: limit the screen time for children. He says: "Kids are born _____ (3), they're digital kids now. And it is, I think, important to set some hard rails around it." Various surveys of Indian children show alarming findings. A Saurashtra University survey of _____ (4) a thousand children and their parents in Rajkot finds that 92% students prefer playing mobile games over playing outside and 78% students _____ (5) to having their phone while having meals. In another survey by Local Circles, nearly 55% of parents admit that their children aged 9-13 have access to a smartphone throughout the day.

SubQuestion No : 24

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

- Ans**
- ☒ 1. bigger than
 - ☒ 2. closer than
 - ☒ 3. more than
 - ☒ 4. above 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.

Tim Cook, CEO of Apple who has recently _____ (1) India, has some _____ (2) for parents: limit the screen time for children. He says: "Kids are born _____ (3), they're digital kids now. And it is, I think, important to set some hard rails around it." Various surveys of Indian children show alarming findings. A Saurashtra University survey of _____ (4) a thousand children and their parents in Rajkot finds that 92% students prefer playing mobile games over playing outside and 78% students _____ (5) to having their phone while having meals. In another survey by Local Circles, nearly 55% of parents admit that their children aged 9-13 have access to a smartphone throughout the day.

SubQuestion No : 25

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

- Ans**
- ☒ 1. will be habituating
 - ☒ 2. are habituated
 - ☒ 3. habituating
 - ☒ 4. habituated

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	08/09/2023
Exam Time	4:00 PM - 6:00 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 A student's marks were incorrectly entered as 44 instead of 86. Due to this, the average of the class got decreased by $\frac{3}{2}$. What is the number of students in the class?

- Ans**
- ☒ 1. 28
 - ☐ 2. 36
 - ☐ 3. 24
 - ☐ 4. 30

Q.2 The mean proportional between 0.8 and 7.2 is:

- Ans**
- ☒ 1. 2.4
 - ☐ 2. 1.2
 - ☐ 3. 4.2
 - ☐ 4. 3.4

Q.3 A can do a piece of work in 10 days and B can do it in 15 days. They work together for 2 days and then A leaves. How long will B take to finish the remaining work?

- Ans**
- ☐ 1. 5 days
 - ☐ 2. 12 days
 - ☒ 3. 10 days
 - ☐ 4. 22 days

Q.4 What will be the compound interest on ₹30,000 at 10% per annum for $1\frac{1}{2}$ years, when interest is compounded half-yearly?

- Ans**
- ☐ 1. ₹4,800.75
 - ☐ 2. ₹5,728.75
 - ☐ 3. ₹4,928.75
 - ☒ 4. ₹4,728.75

Q.5 The price of a commodity increased from ₹200 to ₹250. What is the percentage increase in price?

- Ans**
- ☒ 1. 25%
 - ☐ 2. 22%
 - ☐ 3. 27%
 - ☐ 4. 20%

Q.6 Tea leaves worth ₹108 per kg and ₹120 per kg are mixed with a third variety in the ratio 2 : 3 : 5. If the mixture is worth ₹125 per kg, the price (in ₹, rounded off to the nearest integer) of the third variety of tea leaves per kg will be:

- Ans
- ☐ 1. 130
 - ☐ 2. 128
 - ☒ 3. 135
 - ☐ 4. 133

Q.7 Find the area of a triangle whose base is 7 cm and corresponding height is 82 cm.

- Ans
- ☐ 1. 574 cm^2
 - ☐ 2. 143 cm^2
 - ☐ 3. 191 cm^2
 - ☒ 4. 287 cm^2

Q.8 The value of $\frac{3 \div 3 \times 2 - 6 \div 3 + 7}{5 \div 5 \times 6 \div 6 + 3 + 3}$ is equal to:

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

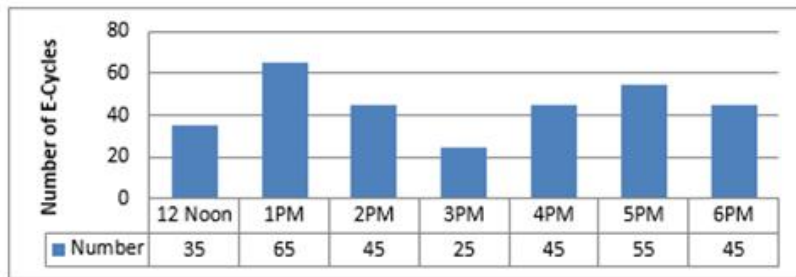
Q.9 If the ratio of the principal and the simple interest for 5 years is 10 : 7, then the rate of interest per annum is:

- Ans
- ☐ 1. 18%
 - ☒ 2. 14%
 - ☐ 3. 16%
 - ☐ 4. 12%

Q.10 A boy covers a certain distance between his house and school on a cycle. Having an average speed of 10 km/h, he is late by 10 min. However, with an average speed of 15 km/h, he reaches the school in 5 min. earlier. Find the distance (in km) between his house and school.

- Ans
- ☐ 1. 8.5
 - ☐ 2. 7
 - ☒ 3. 7.5
 - ☐ 4. 8

- Q.11** The bar diagram represents the number of E- Cycles parking at a metro station from 12:00 P.M. to 6:00 P.M. How many times the number of E- Cycles parked is more than average?



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

- Q.12** The percentage profit earned by selling an article for ₹955 is equal to the percentage loss incurred by selling the same article for ₹845. At what price should the article be sold to make a 6% profit?

- Ans**
- ☒ 1. ₹955
 - ☒ 2. ₹925
 - ☒ 3. ₹954
 - ☒ 4. ₹1,014

- Q.13** Rima covers a certain distance by car driving at a speed of 59 km/h and she returns to the starting point riding on a bike with a speed of 43 km/h. Find the average speed (in km/h) for the whole journey. (Rounded off to 2 decimal places)

- Ans**
- ☒ 1. 52.25
 - ☒ 2. 45.37
 - ☒ 3. 49.75
 - ☒ 4. 42.00

- Q.14** The table below shows the earning of different schools (in ₹ crores) in different years. Study the table carefully and answer the question that follows.

School/years	2018	2019	2020	2021	2022
P	50	45	49	56	57
Q	46	48	50	55	62
R	70	65	63	68	63
S	38	47	56	60	69
T	48	37	52	69	77

Find the ratio between the total earnings of schools P and R taken together in year 2020 to the total earnings of schools Q, S and T taken together in the year 2022?

- Ans**
- ☒ 1. 12 : 7
 - ☒ 2. 7 : 13
 - ☒ 3. 7 : 19
 - ☒ 4. 12 : 13

Q.15 The LCM of $\frac{1}{6}, \frac{5}{27}, \frac{4}{15}, \frac{8}{3}$ is:

- Ans
- ☐ 1. $\frac{40}{5}$
 - ☐ 2. $\frac{3}{28}$
 - ☒ 3. $\frac{40}{3}$
 - ☐ 4. $\frac{5}{28}$

Q.16 A motorboat can row 12 km/h in still water. If the speed of the current is 2 km/h, it takes 1.5 hours more in covering some distance upstream than it does downstream for covering the same distance. The one-side distance is:

- Ans
- ☐ 1. 50 km
 - ☒ 2. 52.5 km
 - ☐ 3. 51.5 km
 - ☐ 4. 53 km

Q.17 A and B entered a partnership for 5 years. At the start of the business, they invested ₹36,000 and ₹58,000, respectively. At the end of 5 years, their total profit was ₹94,000. What will be the share of B (in ₹) out of this profit?

- Ans
- ☐ 1. 46,000
 - ☐ 2. 52,000
 - ☐ 3. 60,000
 - ☒ 4. 58,000

Q.18 If 7 men working 8 hours a day for 5 days can complete a work, then how many men are required to complete the same work if they work 10 hours a day for 7 days?

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

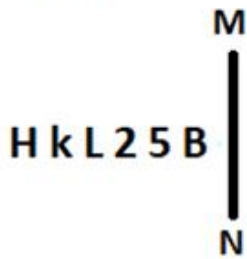
Q.19 Ravi sells a laptop bag to Reeta for ₹1,920 and he sells another similar laptop bag to Vinay for ₹1,280. The percentage profit earned in selling the laptop bag to Reeta is equal to the percentage loss in selling the laptop bag to Vinay. At what price (in ₹) should Ravi sell the laptop bag to make a profit of 25%?

- Ans
- ☐ 1. 1,800
 - ☐ 2. 1,600
 - ☐ 3. 1,650
 - ☒ 4. 2,000

Q.20 A cylinder has a total surface area of 64π square units, where the height of the cylinder is equal to its radius. If the height is doubled and the radius is halved, then the total surface area of the new cylinder is _____ square units.

- Ans
- ☐ 1. 54π
 - ☐ 2. 64π
 - ☐ 3. 48π
 - ☒ 4. 40π

Q.1 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☐ 1. **5 B 5 J k H**
 - ☐ 2. **8 5 5 J k H**
 - ☐ 3. **8 K 2 1 2 H**
 - ☒ 4. **H K L 2 5 B**

Q.2 What should come in place of ? in the given series based on the English alphabetical order?

HPS, JRU, LTW, NVY, ?

- Ans
- ☐ 1. **MXB**
 - ☐ 2. **NYB**
 - ☐ 3. **NZA**
 - ☒ 4. **PXA**

Q.3 The position of how many letters will remain unchanged if each of the letter in the word 'ABSOLUTE' is arranged in alphabetical order?

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

Q.4 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 threads are soft. Some soft are fruit. All fruit is yellow.

Conclusion I: Some thread is fruit.

Conclusion II: Some fruit is yellow.

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

Q.5 What should come in place of '?' in the given series?

9 26 77 230 689 ?

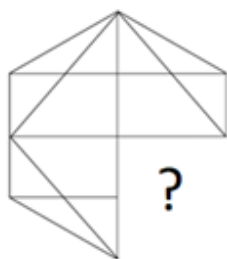
- Ans
- ☒ 1. 2066
 - ☐ 2. 2112
 - ☐ 3. 2094
 - ☐ 4. 2035

Q.6 Seven people, B, N, M, O, P, Y and S are sitting in a straight line, facing south. Only two people sit between P and S. N is the immediate neighbour of S and M. Only one person sits to the right of P. N sits second to the left of O. Y is an immediate neighbour of P.

Total how many people sit between P and M?

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

Q.7 Identify the figure that completes the pattern (rotation is NOT allowed).



- Ans
- ☐ 1.
 - ☐ 2.
 - ☒ 3.
 - ☐ 4.

Q.8 Which figure should replace the question mark (?) if the following figure series were to be continued?

R	I	K	2	R	D	7	↑	K	T	7	△	
2	△	D	△	I	T	T	2	△	2	↑	I	?
↑	7	T	K	↑	7	D	R	I	K	D	R	

Ans

✗ 1.

R	I	K
D	T	7
△	2	↑

✗ 2.

R	D	K
I	△	2
↑	7	T

✗ 3.

R	I	K
D	△	7
↑	2	T

✓ 4.

R	D	K
I	T	2
△	7	↑

Q.9 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$17 \div 9 - 39 + 225 \times 15 = ?$$

Ans

✗ 1. 187

✗ 2. 157

✗ 3. 167

✓ 4. 177

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given series will make it logically complete.

HLO_ J_OC LL_E _LOG P_OI

Ans

✗ 1. AONEL

✓ 2. ALONL

✗ 3. BGHPN

✗ 4. BLOEN

Q.11 What should come in place of ? in the given series?

21 24 29 36 47 ?

- Ans
- ☐ 1. 66
 - ☒ 2. 60
 - ☐ 3. 64
 - ☐ 4. 56

Q.12 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 stamps are keys. All keys are black. All black are grey.

Conclusion I: All keys are stamps.

Conclusion II: Some keys are black.

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

Q.13 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Scissors : Cloth

- Ans
- ☐ 1. Nail : Hammer
 - ☐ 2. Furnace : Smoke
 - ☒ 3. Razor : Beard
 - ☐ 4. Pen : Ink

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 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, 11, 80)

(6, 12 ,90)

- Ans
- ☐ 1. 9, 11, 67
 - ☐ 2. 4, 19, 148
 - ☐ 3. 2, 16, 123
 - ☒ 4. 7, 17, 120

Q.15 In a certain code language, 'PORTAL' is coded as 'RQTVCN' and 'QUIET' is coded as 'SWKGV'. What is the code for 'SIMPLE' in the given code language?

- Ans
- ☒ 1. UKORNG
 - ☐ 2. TJNSMH
 - ☐ 3. VKNRMJ
 - ☐ 4. TNOSMI

Q.16 In a certain code language, 'do it now' is coded as 'qh tr ce' and 'now or never' is coded as 'lx uk tr'. How is 'now' coded in the given language?

- Ans
- ☒ 1. tr
 - ☐ 2. lx
 - ☐ 3. qh
 - ☐ 4. ce

Q.17 What should come in place of '?' in the given series?

1 14 79 404 2029 ?

- Ans
- ☐ 1. 9812
 - ☐ 2. 9848
 - ☒ 3. 10154
 - ☐ 4. 10132

Q.18 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

WA_XV_FX_EFXTGF_SI_X

- Ans
- ☐ 1. FVYNS
 - ☒ 2. FCUXF
 - ☐ 3. HKVHU
 - ☐ 4. MNVKD

Q.19 17 is related to 52 following a certain logic. Following the same logic, 42 is related to 127. To which of the following is 29 related to, following the same logic?

- Ans
- ☐ 1. 84
 - ☒ 2. 88
 - ☐ 3. 82
 - ☐ 4. 86

Q.20 What will come in place of '?' in the following equation, if '+' and '×' are interchanged and '-' and '÷' are interchanged?

$$16 - 4 + 13 \times 5 \div 2 = ?$$

- Ans
- ☒ 1. 55
 - ☐ 2. 24
 - ☐ 3. 48
 - ☐ 4. 36

Q.1 Rani Machaiah was awarded with 'Padam Shri' in the year _____ for her contribution to folk dance.

- Ans**
- ☐ 1. 2015
 - ☐ 2. 2018
 - ☐ 3. 2012
 - ☒ 4. 2023

Q.2 Who among the following was the founder of the Khudai Khidmatgars, a powerful non-violent movement among the Pathans of North-West Frontier Province?

- Ans**
- ☐ 1. Khan Abdul Jabbar Khan
 - ☐ 2. Abdul Qayyum Khan Kashmiri
 - ☒ 3. Khan Abdul Ghaffar Khan
 - ☐ 4. Mohammad Ali Jinnah

Q.3 In relation to the state of Tamil Nadu, the Constitution (Scheduled Tribes) Order (Second Amendment) Act, 2022 will include the _____ and Kurivikkaran communities in the list of Scheduled Tribes in Tamil Nadu.

- Ans**
- ☐ 1. Kadar
 - ☐ 2. Kammara
 - ☐ 3. Irular
 - ☒ 4. Narikoravan

Q.4 According to the Human Development Index 2021, which group of neighbouring countries has ranked behind India?

- Ans**
- ☐ 1. Bangladesh and China
 - ☐ 2. Maldives and Bhutan
 - ☐ 3. Sri Lanka and Bhutan
 - ☒ 4. Pakistan and Afghanistan

Q.5 Which state of India is associated with the famous thunderstorms 'Kaal Baisakhi'?

- Ans**
- ☐ 1. Karnataka
 - ☐ 2. Gujarat
 - ☒ 3. West Bengal
 - ☐ 4. Haryana

Q.6 What is the maximum time gap between two sessions of the State Legislature?

- Ans**
- ☐ 1. One year
 - ☒ 2. Six months
 - ☐ 3. Three months
 - ☐ 4. Two months

Q.7 Which physicist's experiment during a lecture in 1820 showed the connection between electricity and magnetism?

- Ans**
- ☒ 1. Hans Christian Oersted
 - ☐ 2. Heinrich Hertz
 - ☐ 3. John Cockcroft
 - ☐ 4. William Gilbert

Q.8 What is a government budget?

- Ans**
- ☐ 1. A plan for managing personal finances.
 - ☐ 2. A report on the economic growth of a country.
 - ☒ 3. A financial statement of a government's expected revenue and expenditure for a specific period.
 - ☐ 4. A document outlining foreign policy goals.

Q.9 In 1951, the first Asian Games was held in which city?

- Ans**
- ☒ 1. New Delhi
 - ☐ 2. Jaipur
 - ☐ 3. Mumbai
 - ☐ 4. Pune

Q.10 'Losoong' festival, celebrated by the tribal community in _____, is usually the time when the farmers rejoice and celebrate their harvest.

- Ans**
- ☐ 1. Jharkhand
 - ☐ 2. West Bengal
 - ☐ 3. Odisha
 - ☒ 4. Sikkim

Q.11 According to Ministry of Commerce and Industry (2018-19), which state of India is the largest producer of Rubber?

- Ans**
- ☐ 1. Uttar Pradesh
 - ☐ 2. Maharashtra
 - ☒ 3. Kerala
 - ☐ 4. Gujarat

Q.12 Which of the following autobiographies was written by Dr. APJ Abdul Kalam, the former president of India?

- Ans**
- ☐ 1. Atmakatha
 - ☒ 2. Wings of Fire
 - ☐ 3. Waiting for a Visa
 - ☐ 4. One Life is Not Enough

Q.13 In which year was the Vernacular Press Act passed?

- Ans**
- ☐ 1. 1888 CE
 - ☒ 2. 1878 CE
 - ☐ 3. 1757 CE
 - ☐ 4. 1600 CE

Q.14 The word 'kathak' is derived from which of the following words?

- Ans**
- ☐ 1. Narrator
 - ☐ 2. Bells
 - ☐ 3. Dance steps
 - ☒ 4. Story

Q.15 Jyothi Yarraji created a new national record in 2023 in which of the following sports?

- Ans**
- ☒ 1. Indoor hurdling
 - ☐ 2. Shot put
 - ☐ 3. High jump
 - ☐ 4. Long jump

Q.16 Which Indian musician got the prestigious Academy Award?

- Ans**
- ☒ 1. AR Rahman
 - ☐ 2. Naushad
 - ☐ 3. Bappi Lahiri
 - ☐ 4. Anu Malik

Q.17 In which year was the first Khelo India Winter Games held?

- Ans**
- ☐ 1. 2019
 - ☒ 2. 2020
 - ☐ 3. 2021
 - ☐ 4. 2022

Q.18	Which of the following is the Fundamental Law of any country which sets out the framework and the principal functions of various organs of the government?
Ans	 1. International Law  2. Customs  3. Constitution  4. Ordinance
Q.19	Which of the following statements is true about the Great Bath of the Indus Valley Civilisation?
Ans	 1. It was used for grain storage.  2. It was probably used for religious purpose.  3. It was used as the water tank of the city.  4. It was used for farming.
Q.20	Which antibiotic is considered the first miracle drug, used to treat throat infections, meningitis, syphilis and other bacterial infections?
Ans	 1. Metronidazole  2. Nifuratel  3. Penicillin  4. Aciclovir
Q.21	Who is the author of the novel 'A Suitable Boy'?
Ans	 1. Chetan Bhagat  2. Anita Desai  3. Vikram Seth  4. Kiran Desai
Q.22	In the performance of _____ dance, on one side raasa dances are performed by women, whereas on the opposite side instrumentalist play the pung choloms (drums) and the karataala (cymbals).
Ans	 1. Odissi  2. Yakshagana  3. Manipuri  4. Kathakali
Q.23	Who was the singer of the famous song 'Mere Desh Ki Dharti Sona Ugle' from the film 'Upkar' (1967)?
Ans	 1. KJ Yesudas  2. Manna Dey  3. Mahendra Kapoor  4. Suresh Wadkar
Q.24	Which of the following oceans extends into the Mediterranean Sea?
Ans	 1. Indian Ocean  2. Arctic Ocean  3. Pacific Ocean  4. Atlantic Ocean
Q.25	What is the meaning of the term 'Collateral' in banking?
Ans	 1. A type of credit card  2. An investment portfolio  3. A form of digital payment  4. An asset pledged as security for a loan

Q.1 Select the most appropriate meaning of the underlined idiom in the following sentence.

“Do not turn a blind eye to all the mischief your child is up to”, the teacher told the young parent.

- Ans**
- ☒ 1. Pretend not to notice
 - ☐ 2. Close the door
 - ☐ 3. Give rewards
 - ☐ 4. Take pride in

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.

The viable of life / depends on a pair / of conflicting realities.

- Ans**
- ☐ 1. depends on a pair
 - ☐ 2. No error
 - ☐ 3. of conflicting realities
 - ☒ 4. The viable of life

Q.3 The following sentence has been split into four segments. Identify the segment that contains an error.
Mr Sharma would have left / the station / by this time / tomorrow.

- Ans**
- ☒ 1. Mr Sharma would have left
 - ☐ 2. tomorrow
 - ☐ 3. by this time
 - ☐ 4. the station

Q.4 Select the most appropriate option to fill in the blank.
The mother _____ the chips because they were soggy.

- Ans**
- ☐ 1. saved
 - ☐ 2. recovered
 - ☐ 3. wasted
 - ☒ 4. discarded

Q.5 Select the most appropriate meaning of the underlined segment in the given sentence.
Our team is all on the same page when it comes to our goals for the upcoming project.

- Ans**
- ☒ 1. Be in agreement
 - ☐ 2. Be in conflict
 - ☐ 3. Be unsure
 - ☐ 4. Be confused

Q.6 Select the most appropriate ANTONYM of the given word.
Clumsy

- Ans**
- ☐ 1. Jealous
 - ☐ 2. Nervous
 - ☐ 3. Fierce
 - ☒ 4. Graceful

Q.7 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
She's reading a _____ (secrecy) novel and can't wait to find out who the killer is.

- Ans**
- ☒ 1. mystery
 - ☐ 2. complication
 - ☐ 3. difficulty
 - ☐ 4. crisis

Q.8 Identify the most appropriate meaning of the given word.
Hope

- Ans**
- ☐ 1. Caution
 - ☒ 2. Wish
 - ☐ 3. Realism
 - ☐ 4. Cynicism

Q.9 Select the most appropriate meaning of the given idiom.
Have egg on your face

- Ans**
- ☒ 1. To be made to look foolish or embarrassed
 - ☐ 2. Reveal a secret
 - ☐ 3. Making a choice between two unpleasant choices
 - ☐ 4. Defeat someone thoroughly

Q.10 Select the most appropriate meaning of the given idiom.
Bite the dust

- Ans**
- ☐ 1. To fall from a height
 - ☒ 2. To suffer a defeat
 - ☐ 3. To fall asleep
 - ☐ 4. To remain calm

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

During the meeting, he went on a long and angry _____ about how the project was being mismanaged.

- Ans**
- ☐ 1. shout
 - ☐ 2. whisper
 - ☒ 3. rant
 - ☐ 4. mutter

Q.12 Parts of the following sentence have been given as options. Select the option that contains an error.
I shall be playing for four hours.

- Ans**
- ☒ 1. shall be playing
 - ☐ 2. I
 - ☐ 3. for
 - ☐ 4. four hours

Q.13 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Expose
 - ☒ 2. Conffess
 - ☐ 3. Convict
 - ☐ 4. Chivalrous

Q.14 The following sentence contains some errors. Select the option that correctly rectifies the error.
The tiger was tranquiliized in the morning and keep in a cage to avoid disturbannces by human beings.

- Ans**
- ☐ 1. The tiger was traanquilized in the morning and kept in a cage to avoid dissturbances by human beings.
 - ☐ 2. The tiger was tranquilized in the morning and kept in a cage to avoiid disturbaences by human beings.
 - ☒ 3. The tiger was tranquilized in the morning and kept in a cage to avoid disturbances by human beings.
 - ☐ 4. The tiger was tranquiliized in the morning and kept in a cage to avoid disturbances by human beings.

Q.15 Select the most appropriate option to fill in the blank.
Chaitnya was _____ from the school due to his misappropriate behaviour.

- Ans**
- ☒ 1. expelled
 - ☐ 2. expeled
 - ☐ 3. xpelled
 - ☐ 4. xpeled

Q.16 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
I had / a bad habit of / waking up / lately.

- Ans**
- ☐ 1. I had
 - ☐ 2. waking up
 - ☐ 3. a bad habit of
 - ☒ 4. lately

Q.17 Select the option that can be used as a one-word substitute for the given group of words.
A person living in solitude like a saint for religious practices.

- Ans**
- ☐ 1. Heir
 - ☒ 2. Hermit
 - ☐ 3. Cretin
 - ☐ 4. Heretic

Q.18 Select the most appropriate option that can substitute the underlined segment in the given sentence.

No sooner had the sun risen over the horizon when the birds began to chirp and the squirrels started to scamper around the park.

- Ans**
- ☐ 1. when birds began
 - ☒ 2. than the birds began
 - ☐ 3. than birds begin
 - ☐ 4. when the birds begin

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.

France is a largest country.

- Ans**
- ☐ 1. smallest
 - ☐ 2. smaller
 - ☐ 3. larger
 - ☒ 4. large

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

A person who avoids sensory pleasures and physical comforts

- Ans**
- ☐ 1. Frugal
 - ☐ 2. Bohemian
 - ☐ 3. Epicurean
 - ☒ 4. Ascetic

Comprehension:

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

Once there was a king named Midas who was granted a (1)_____ by Dionysus, the god of wine. For his wish, Midas asked that whatever he (2)_____ would turn to gold. Despite Dionysus' efforts to prevent it, Midas pleaded that this was a fantastic wish, and so, it was bestowed. Excited about his newly-earned (3)_____, Midas started touching all kinds of things, turning each item into pure gold. But soon, Midas became (4)_____. As he picked up a piece of food, he found he couldn't eat it. It had turned to gold in his hand. Hungry, Midas groaned, "I'll starve! Perhaps this was not such an excellent wish after all!" Seeing his dismay, Midas' (5)_____ daughter threw her arms around him to comfort him, and she, too, turned to gold. "The golden touch is no blessing," Midas cried.

SubQuestion No : 21

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

- Ans**
- ☐ 1. slavery
 - ☒ 2. wish
 - ☐ 3. job
 - ☐ 4. employment

Comprehension:

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

Once there was a king named Midas who was granted a (1)_____ by Dionysus, the god of wine. For his wish, Midas asked that whatever he (2)_____ would turn to gold. Despite Dionysus' efforts to prevent it, Midas pleaded that this was a fantastic wish, and so, it was bestowed. Excited about his newly-earned (3)_____, Midas started touching all kinds of things, turning each item into pure gold. But soon, Midas became (4)_____. As he picked up a piece of food, he found he couldn't eat it. It had turned to gold in his hand. Hungry, Midas groaned, "I'll starve! Perhaps this was not such an excellent wish after all!" Seeing his dismay, Midas' (5)_____ daughter threw her arms around him to comfort him, and she, too, turned to gold. "The golden touch is no blessing," Midas cried.

SubQuestion No : 22

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

- Ans**
- ☒ 1. kept
 - ☒ 2. touched
 - ☒ 3. left
 - ☒ 4. next felt

Comprehension:

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

Once there was a king named Midas who was granted a (1)_____ by Dionysus, the god of wine. For his wish, Midas asked that whatever he (2)_____ would turn to gold. Despite Dionysus' efforts to prevent it, Midas pleaded that this was a fantastic wish, and so, it was bestowed. Excited about his newly-earned (3)_____, Midas started touching all kinds of things, turning each item into pure gold. But soon, Midas became (4)_____. As he picked up a piece of food, he found he couldn't eat it. It had turned to gold in his hand. Hungry, Midas groaned, "I'll starve! Perhaps this was not such an excellent wish after all!" Seeing his dismay, Midas' (5)_____ daughter threw her arms around him to comfort him, and she, too, turned to gold. "The golden touch is no blessing," Midas cried.

SubQuestion No : 23

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

- Ans**
- ☒ 1. legacies
 - ☒ 2. awards
 - ☒ 3. powers
 - ☒ 4. visuals

Comprehension:

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

Once there was a king named Midas who was granted a (1)_____ by Dionysus, the god of wine. For his wish, Midas asked that whatever he (2)_____ would turn to gold. Despite Dionysus' efforts to prevent it, Midas pleaded that this was a fantastic wish, and so, it was bestowed. Excited about his newly-earned (3)_____, Midas started touching all kinds of things, turning each item into pure gold. But soon, Midas became (4)_____. As he picked up a piece of food, he found he couldn't eat it. It had turned to gold in his hand. Hungry, Midas groaned, "I'll starve! Perhaps this was not such an excellent wish after all!" Seeing his dismay, Midas' (5)_____ daughter threw her arms around him to comfort him, and she, too, turned to gold. "The golden touch is no blessing," Midas cried.

SubQuestion No : 24

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

- Ans**
- ☒ 1. hungry
 - ☒ 2. angry
 - ☒ 3. tired
 - ☒ 4. mad

Comprehension:

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

Once there was a king named Midas who was granted a (1)_____ by Dionysus, the god of wine. For his wish, Midas asked that whatever he (2)_____ would turn to gold. Despite Dionysus' efforts to prevent it, Midas pleaded that this was a fantastic wish, and so, it was bestowed. Excited about his newly-earned (3)_____, Midas started touching all kinds of things, turning each item into pure gold. But soon, Midas became (4)_____. As he picked up a piece of food, he found he couldn't eat it. It had turned to gold in his hand. Hungry, Midas groaned, "I'll starve! Perhaps this was not such an excellent wish after all!" Seeing his dismay, Midas' (5)_____ daughter threw her arms around him to comfort him, and she, too, turned to gold. "The golden touch is no blessing," Midas cried.

SubQuestion No : 25

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

- Ans**
- ☒ 1. estranged
 - ☒ 2. beloved
 - ☒ 3. hated
 - ☒ 4. guarded

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	11/09/2023
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 The average weight of some students in class 12th was 56 kg. When seven students whose average weight was 58 kg joined the class, the average weight of all the students increased by 200 gm. Find the number of students in the class in the beginning?

- Ans**
- ☐ 1. 56
 - ☐ 2. 49
 - ☐ 3. 77
 - ☒ 4. 63

Q.2 If the average of two numbers is 12 and the product of the same two numbers is 119, then the difference of those two numbers is:

- Ans**
- ☒ 1. 10
 - ☐ 2. 8
 - ☐ 3. 7
 - ☐ 4. 6

Q.3 Arvind, Bilal, Carmen invest ₹49,000 towards a business. Arvind invests ₹5,000 more than Bilal and Bilal invests ₹4,000 more than Carmen. Out of a total profit of ₹98,000, how much does Bilal receive?

- Ans**
- ☐ 1. ₹34,400
 - ☐ 2. ₹33,200
 - ☐ 3. ₹30,500
 - ☒ 4. ₹32,000

Q.4 Two cyclists start at the same time from opposite ends of a 200 km long straight road. One cyclist travels at a speed of 20 km/h and the other at a speed of 30 km/h. How long will it take them to meet?

- Ans**
- ☐ 1. 5 hours
 - ☐ 2. 5.5 hours
 - ☐ 3. 4.5 hours
 - ☒ 4. 4 hours

Q.5 In a fort, 160 men had food for 94 days. After 10 days, 20 men left the fort. How long (in days) would the food last at the same rate?

- Ans**
- ☐ 1. 90
 - ☐ 2. 84
 - ☒ 3. 96
 - ☐ 4. 100

Q.6 Evaluate $3\frac{1}{2} - [2\frac{1}{4} \div \{1\frac{1}{4} - \frac{3}{4}(1\frac{1}{2} - \frac{1}{2} - 2\frac{1}{2})\}] :$

- Ans
- ☐ 1. $1\frac{21}{38}$
 - ☐ 2. $\frac{47}{38}$
 - ☐ 3. $2\frac{19}{18}$
 - ☒ 4. $2\frac{21}{38}$

Q.7 If the selling price of 16 bulbs is equal to the cost price of 24 bulbs, what is the profit percentage?

- Ans
- ☐ 1. 40%
 - ☐ 2. 25%
 - ☒ 3. 50%
 - ☐ 4. 20%

Q.8 The fourth proportion of 2, a and 5a is _____.

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

Q.9 Study the following table and answer the question given below it.
Distribution of students according to professional courses.

S.No	Course	Faculty			
		Arts		Science	
		Girls	Boys	Girls	Boys
1.	Business Management	25	45	25	65
2.	Type-writing	23	186	20	32
3.	Costing	25	120	12	58
4.	Typewriting & Costing	12	100	3	5

The percentage of students of Arts faculty doing costing only is (round to the nearest integer):

- Ans
- ☒ 1. 27
 - ☐ 2. 10
 - ☐ 3. 18
 - ☐ 4. 15

Q.10 A hollow metal sphere of internal and external radii 5 cm and 6 cm, respectively, is melted into a solid cone of base radius 5.2 cm. What is the height (in cm, rounded off to 1 decimal place) of the cone?

- Ans
- ☐ 1. 14.5
 - ☐ 2. 12.8
 - ☐ 3. 11.8
 - ☒ 4. 13.5

Q.11 Find the LCM of 1288, 230, 276.

- Ans
- ☐ 1. 9,660
 - ☐ 2. 19,230
 - ☐ 3. 6,440
 - ☒ 4. 19,320

Q.12 The volume (in cm^3) of a sphere with diameter 7 cm is:

Take $\pi = \frac{22}{7}$

- Ans
- ☐ 1. 186.44
 - ☐ 2. 197.66
 - ☒ 3. 179.66
 - ☐ 4. 168.44

Q.13 If the ratio among the time taken by three cars to travel a certain distance is 2 : 3 : 5, then the ratio of speeds of these cars will be:

- Ans
- ☐ 1. 10 : 6 : 15
 - ☐ 2. 10 : 15 : 8
 - ☒ 3. 15 : 10 : 6
 - ☐ 4. 15 : 9 : 8

Q.14 If the manufacturer gains 10%, the wholesale dealer gains 12% and the retailer gains 15%, then find the cost production of a table, the retail price of which is ₹1,771.

- Ans
- ☐ 1. ₹1,050
 - ☐ 2. ₹1,150
 - ☒ 3. ₹1,250
 - ☐ 4. ₹1,350

Q.15 Mohan can complete a piece of work in 24 days. He worked for 6 days and left the work. Thereafter, Sohan finished the remaining work in 21 days. In how many days, can Mohan and Sohan together complete it?

- Ans
- ☒ 1. $12\frac{12}{13}$ days
 - ☐ 2. $12\frac{9}{13}$ days
 - ☐ 3. $12\frac{11}{13}$ days
 - ☐ 4. $12\frac{10}{13}$ days

Q.16 An amount of ₹2,000 amounts to ₹2,880 in 2 years. What will be the rate of interest if compounded annually?

- Ans
- ☐ 1. 10%
 - ☐ 2. 12%
 - ☒ 3. 20%
 - ☐ 4. 28%

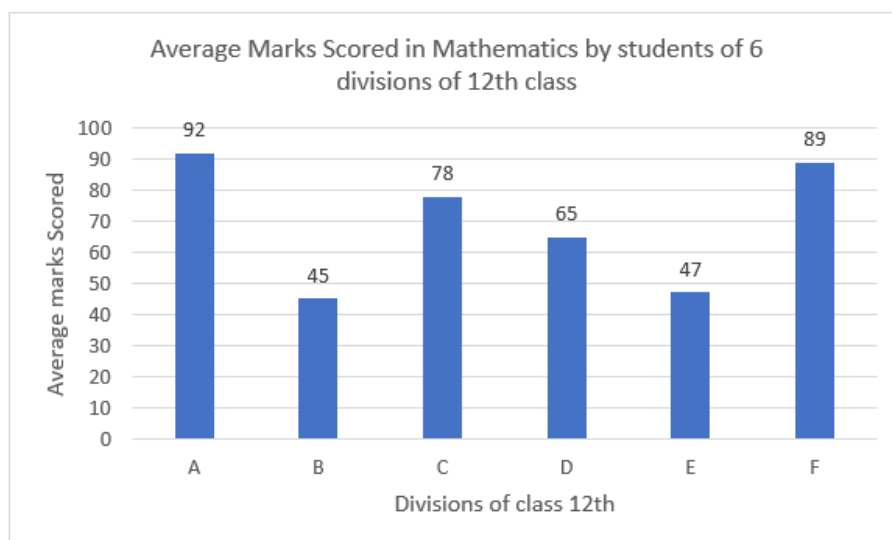
Q.17 What sum of money (in ₹) will earn an interest of ₹1,800 at the rate of 6% per annum simple interest in five years?

- Ans
- ☐ 1. 8,000
 - ☒ 2. 6,000
 - ☐ 3. 18,000
 - ☐ 4. 5,000

Q.18 If Rita's salary increases by 5% in the first year and by 2% in the next year, then what is the net percentage increase in her salary after two years?

- Ans
- ☐ 1. 8.1%
 - ☐ 2. 5.1%
 - ☒ 3. 7.1%
 - ☐ 4. 6.1%

Q.19 The bar graph shows the average marks scored in Mathematics examination (out of 100) by students of 6 divisions of XIIth standard.



What is the ratio of the average marks scored by Division B to Division D?

- Ans
- ☐ 1. 13 : 9
 - ☐ 2. 1 : 9
 - ☐ 3. 1 : 3
 - ☒ 4. 9 : 13

Q.20 In some quantity of water ,four times the quantity of milk is added and the quantity of the mixture is now 7.5 litres.
How much more milk is to be added to the mixture to have 90% milk in the mixture ?

- Ans
- ☐ 1. 6 liters
 - ☐ 2. 9 liters
 - ☐ 3. 9.5 liters
 - ☒ 4. 7.5 liters

Q.1 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)

8, 128
9, 162

- Ans**
- ☐ 1. 11, 124
 - ☒ 2. 14, 392
 - ☐ 3. 12, 149
 - ☐ 4. 13, 170

Q.2 What will come in place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$15 - 6 + 12 \times 3 \div 4 = ?$$

- Ans**
- ☐ 1. 9
 - ☐ 2. 7
 - ☐ 3. 10
 - ☒ 4. 5

Q.3 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 phones are flowers. Some flowers are bags. All bags are heavy.

Conclusion I: Some phones are flowers.

Conclusion II: All flowers are bags.

- 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.4 In a certain code language, 'BACK' is coded as '17' and 'DTDC' is coded as '31'. What is the code for 'JAAM' in the given code language?

- Ans**
- ☐ 1. 40
 - ☒ 2. 25
 - ☐ 3. 20
 - ☐ 4. 35

Q.5 What should come in place of '?' in the given series?

4 19 79 319 1279 ?

- Ans**
- ☐ 1. 4875
 - ☐ 2. 4913
 - ☒ 3. 5119
 - ☐ 4. 5299

Q.6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. **r 4 z 7 2 d K**
 - ☒ 2. **K d z 7 2 4 r**
 - ☒ 3. **K d z 7 2 4 r**
 - ☒ 4. **r 4 z 7 2 d K**

Q.7 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

BK_Y _KUT R_PO MKK_ HK_E

- Ans
- ☒ 1. ZKWLF
 - ☒ 2. WKBFP
 - ☒ 3. WBHZZ
 - ☒ 4. ZWKJF

Q.8 What should come in place of '?' in the given series?

11 59 299 1499 7499 ?

- Ans
- ☒ 1. 37699
 - ☒ 2. 38199
 - ☒ 3. 38499
 - ☒ 4. 37499

Q.9 The position of how many letters will remain unchanged if each of the letter in the word 'CHILDREN' is arranged in alphabetical order?

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

Q.10 In a certain code language, 'yes you can' is coded as 'an cf dt' and 'you are enough' is coded as 'sk dt hw'. How is 'you' coded in the given language?

- Ans
- ☒ 1. dt
 - ☒ 2. cf
 - ☒ 3. sk
 - ☒ 4. hw

Q.11 Which figure should replace the question mark (?) if the following figure series were to be continued?

7	V		C	7		=	C		□	=		
=	↑	Z	Z	V	=	V	3	7	7	C	V	?
3	D		↑	3		Z	↑		3	Z		

Ans

✗ 1.

	V	□
3	7	=
Z	C	

✗ 2.

	=	V
C	Z	□
7	3	

✗ 3.

	=	V
3	7	□
Z	C	

✓ 4.

	V	□
C	Z	=
7	3	

Q.12 What should come in place of ? in the given series based on the English alphabetical order?

CSP, EUQ, GWR, IYS, ?

- Ans
- ✗ 1. JBS
 - ✓ 2. KAT
 - ✗ 3. LBT
 - ✗ 4. JAR

Q.13 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 /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)

16 : 41

11 : 26

- Ans
- ✗ 1. 5 : 15
 - ✗ 2. 7 : 28
 - ✗ 3. 21 : 84
 - ✓ 4. 12 : 29

- Q.14** What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
 $23 \div 2 + 41 - 84 \times 14 = ?$
- Ans**
- ✓ 1. 11
 - ✗ 2. 21
 - ✗ 3. 1
 - ✗ 4. 31

- Q.15** Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.
- (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)
- Legend : Map
- Ans**
- ✗ 1. Profession : Biography
 - ✗ 2. Volume : Guidebook
 - ✓ 3. Glossary : Text
 - ✗ 4. Column : Essay

- Q.16** Six people, Deepak, Gauri, Babita, Ira, Farheen and Hema are sitting in a straight line, facing north. Deepak sits 2nd from the left end. Gauri sits 2nd to the right of Deepak. Ira sits 2nd to the right of Gauri. Farheen sits 3rd to the left of Ira. Babita sits 2nd to the left of Farheen. Who sits 3rd to the right of Deepak?
- Ans**
- ✗ 1. Farheen
 - ✗ 2. Babita
 - ✓ 3. Hema
 - ✗ 4. Ira

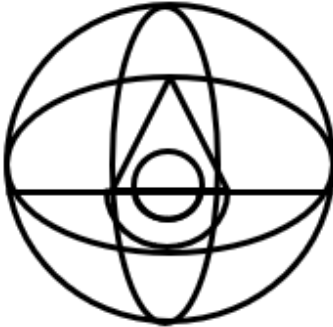
Q.17 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



(X)

Ans

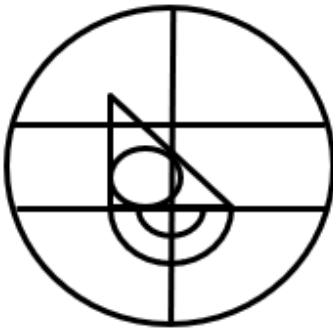
✗ 1.



✗ 2.



✗ 3.



✓ 4.



Q.18 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 torches are guitars. Some guitars are bulbs. No bulb is a stove.

Conclusion I: All bulbs are guitars.

Conclusion II: No guitar is a torch.

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

Q.19 What should come in place of '?' in the given series?

5 23 95 ? 1535 6143 24575

- Ans**
- ☐ 1. 312
 - ☒ 2. 383
 - ☐ 3. 347
 - ☐ 4. 361

Q.20 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

NO _ N _ _ NO _ _ ON

- Ans**
- ☒ 1. NONNN
 - ☐ 2. ONOON
 - ☐ 3. NONON
 - ☐ 4. OOOON

Section : **General Awareness**

Q.1 Which of the following crops is most suitable for black soil?

- Ans**
- ☐ 1. Maize
 - ☐ 2. Soybean
 - ☒ 3. Cotton
 - ☐ 4. Barley

Q.2 According to the Census of India 2011, the female literacy rate was recorded as _____.

- Ans**
- ☐ 1. 75.35%
 - ☐ 2. 55.84%
 - ☐ 3. 70.24%
 - ☒ 4. 65.46%

Q.3 Due to rapid urbanisation, the human lifestyle has changed severely; obesity is a major health issue in such condition. Which of the following is a reason for obesity?

- Ans**
- ☐ 1. Lack of vitamins in regular diet
 - ☐ 2. Excessive consumption of water
 - ☒ 3. Excessive intake of high calorie foods
 - ☐ 4. Lack of protein

Q.4 Shama Bhate received the Sangeet Natak Akademi Award-2021 (given in February 2023) for her contribution to which dance form of the following?

- Ans**
-  1. Mohiniyattam
 -  2. Bharatanatyam
 -  3. Kathak
 -  4. Manipuri

Q.5 The classical dance style of Bharatanatyam belongs to the state of _____.

- Ans**
-  1. Tamil Nadu
 -  2. Assam
 -  3. Karnataka
 -  4. Rajasthan

Q.6 Identify the Indian singer who sang the song 'Ae mere watan ke logon jara akhon mein bharlo paani...' before the first Prime Minister of India, Pandit Jawaharlal Nehru.

- Ans**
-  1. Asha Bhosle
 -  2. Mohammad Rafi
 -  3. Mukesh
 -  4. Lata Mangeshkar

Q.7 Which of the following is the legislative organ of the Union Government?

- Ans**
-  1. Executive
 -  2. Supreme Court
 -  3. Cabinet
 -  4. Parliament

Q.8 In April 2023, Satwiksairaj Rankireddy and Chirag Shetty made history, becoming the first Indian men's doubles pair to win a gold medal at the Badminton Asia Championships. Where was this championship held?

- Ans**
-  1. Singapore
 -  2. Qatar
 -  3. Dubai
 -  4. Malaysia

Q.9 In India, the 'Aus', 'Aman' and 'Boro' terms are associated with which crop from the following?

- Ans**
-  1. Sugarcane
 -  2. Paddy
 -  3. Gram
 -  4. Wheat

Q.10 'The Great Indian Novel' is a satirical novel by _____.

- Ans**
-  1. Shashi Tharoor
 -  2. KR Narayan
 -  3. Munshi Prem Chand
 -  4. Suryakant Tripathi

Q.11 Which of the following peninsular rivers of India is a west flowing river?

- Ans**
-  1. Godavari
 -  2. Narmada
 -  3. Krishna
 -  4. Kaveri

Q.12 In which of the following States was the first Janjatiya Khel Mahotsav held?

- Ans**
- ☐ 1. Andhra Pradesh
 - ☒ 2. Odisha
 - ☐ 3. Chhattisgarh
 - ☐ 4. Jharkhand

Q.13 Who won the Best Playback Singer (Male) award in the 68th Filmfare Awards 2023?

- Ans**
- ☐ 1. Mohit Chauhan
 - ☐ 2. Amit Mishra
 - ☒ 3. Arijit Singh
 - ☐ 4. Shaan

Q.14 The President of India conferred the Padma Shri award to Gurcharan Singh for his distinguished service in the field of _____ in 2023.

- Ans**
- ☒ 1. Cricket
 - ☐ 2. Badminton
 - ☐ 3. Tennis
 - ☐ 4. Football

Q.15 Which of the following states has introduced a dedicated Semiconductor Policy 2022-27 with a view to generate at least 2,00,000 new employment opportunities in the state?

- Ans**
- ☐ 1. Maharashtra
 - ☒ 2. Gujarat
 - ☐ 3. Andhra Pradesh
 - ☐ 4. Kerala

Q.16 Which Articles of the Constitution of India deal with the Union and its territory?

- Ans**
- ☐ 1. Articles 12-35
 - ☐ 2. Articles 5-11
 - ☒ 3. Articles 1-4
 - ☐ 4. Article 36-51

Q.17 Where was Shree Narayana Dharma Paripalana Yogam founded?

- Ans**
- ☐ 1. Tamil Nādu
 - ☐ 2. Telangana
 - ☒ 3. Kerala
 - ☐ 4. Karnataka

Q.18 Which regulatory body in India is responsible for overseeing and regulating Micro Finance Institutions?

- Ans**
- ☐ 1. Small Industries Development Bank of India (SIDBI)
 - ☒ 2. Reserve Bank of India (RBI)
 - ☐ 3. National Bank for Agriculture and Rural Development (NABARD)
 - ☐ 4. Securities and Exchange Board of India (SEBI)

Q.19 Who moved the resolution proposing that the National Flag of India be a 'horizontal tricolour of saffron, white and dark green in equal proportion'?

- Ans**
- ☐ 1. Dr Rajendra Prasad
 - ☒ 2. Jawaharlal Nehru
 - ☐ 3. Mahatma Gandhi
 - ☐ 4. Sardar Vallabhbhai Patel

Q.20 Identify the correct pair of novel and its writer from the following.

- Ans**
- ☐ 1. A Suitable Boy- Amitav Ghosh
 - ☐ 2. The White Tiger - Kiran Desai
 - ☐ 3. The Inheritance of Loss -Aravind Adiga
 - ☒ 4. Seven Summers - Mulk Raj Anand

Q.21 What is the systematic name of a colourless gas with a faint, ethereal odour called acetylene, widely used for welding?

- Ans**
- ☒ 1. Ethyne
 - ☐ 2. Ethyl acetate
 - ☐ 3. Ethanoic anhydride
 - ☐ 4. Azoethane

Q.22 What is the purpose of a savings account?

- Ans**
- ☐ 1. Obtaining a mortgage loan
 - ☐ 2. Making day-to-day transactions
 - ☒ 3. Earning interest on deposits
 - ☐ 4. Paying bills online

Q.23 Who is the renowned kathak dancer, student of 'Pandit Birju Maharaj' and also served as an officer with Indian Audit and Accounts Services?

- Ans**
- ☐ 1. Padma Subrahmanayam
 - ☒ 2. Shovana Narayan
 - ☐ 3. Guru Bipin Singh
 - ☐ 4. Sonal Mansingh

Q.24 Which of the following Indus Valley sites is now located in Pakistan?

- Ans**
- ☐ 1. Lothal
 - ☐ 2. Kalibangan
 - ☒ 3. Harappa
 - ☐ 4. Alamgirpur

Q.25 Who among the following was the viceroy of India at the time of India's independence from colonial rule on 15 August 1947?

- Ans**
- ☐ 1. Lord Willingdon
 - ☐ 2. Lord Linlithgow
 - ☐ 3. Lord Wavell
 - ☒ 4. Lord Mountbatten

Section : English Language and Comprehension

Q.1 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.
What most off us want most is to move forward.

- Ans**
- ☐ 1. want most
 - ☐ 2. move forward
 - ☒ 3. most off
 - ☐ 4. is to

Q.2 Parts of the following sentence have been given as options. Select the option that contains an error.
The platinum is a precious metal.

- Ans**
- ☒ 1. The platinum
 - ☐ 2. is
 - ☐ 3. precious metal
 - ☐ 4. a

Q.3 Select the most appropriate meaning of the given idiom.
Pay an arm and a leg for something

- Ans**
- ☐ 1. Pay a lot of attention to an incident
 - ☐ 2. Give a lot of love and care to someone
 - ☒ 3. Pay a lot of money for something
 - ☐ 4. Be devoted to unwanted things

Q.4 Select the most appropriate option to fill in the blank.
A/An _____ fellow cannot become an ideal teacher.

- Ans**
- ☐ 1. intelligent
 - ☐ 2. bright
 - ☒ 3. idle
 - ☐ 4. honest

Q.5 Select the most appropriate option to fill in the blank.
All praised him when he soared in the business world, but the same people _____ him when he failed in business.

- Ans**
- ☐ 1. supported
 - ☒ 2. criticised
 - ☐ 3. dramatised
 - ☐ 4. nourished

Q.6 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Grammar
 - ☒ 2. Aweful
 - ☐ 3. Pleasant
 - ☐ 4. Familiar

Q.7 Select the most appropriate synonym of the given word.
Trivial

- Ans**
- ☐ 1. Decisive
 - ☒ 2. Minor
 - ☐ 3. Formal
 - ☐ 4. Fatal

Q.8 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) Taylor, Richard, and / (B) Francis plays for / (C) the state / (D) basketball team.

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

Q.9 Select the most appropriate meaning of the underlined segment in the given sentence.
After her husband passed away, Jane had to learn to bite the bullet and take care of the household on her own.

- Ans**
- ☐ 1. Run away from a difficult situation
 - ☒ 2. Accept a difficult situation bravely
 - ☐ 3. Criticise someone harshly
 - ☐ 4. Create a difficult situation

Q.10 Select the most appropriate word to fill in the blank.
Ministry of education has announced that students can _____ the Board Examinations twice.

- Ans**
- ☐ 1. participate
 - ☐ 2. get
 - ☒ 3. take
 - ☐ 4. give

Q.11 Select the word which means the same as the group of words given.
That which can't be read.

- Ans**
- ☒ 1. Inaccessible
 - ☐ 2. Illegible
 - ☒ 3. Incurable
 - ☒ 4. Irrelevant

Q.12 Select the most appropriate idiom to fill in the blank.
Please tell me about the meeting _____.

- Ans**
- ☒ 1. in a stew
 - ☐ 2. in a nutshell
 - ☒ 3. in a huff
 - ☒ 4. in a spin

Q.13 Select the option that can be used as a one-word substitute for the given phrase.
One who lends money to others at a very high rate of interest.

- Ans**
- ☐ 1. Usurer
 - ☒ 2. Curator
 - ☒ 3. Bankrupt
 - ☒ 4. Numismatist

Q.14 Select the most appropriate option to fill in the blank.
Augmented Reality (AR) continues to develop and become more _____ among a wide range of applications.

- Ans**
- ☒ 1. idealistic
 - ☒ 2. rare
 - ☒ 3. amicable
 - ☐ 4. pervasive

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

I considered Geography as an easier subject.

- Ans**
- ☐ 1. an easy
 - ☒ 2. the easier
 - ☒ 3. an easiest
 - ☒ 4. the easy

Q.16 Select the most appropriate ANTONYM of the given word.
Authentic

- Ans**
- ☒ 1. Wise
 - ☒ 2. Moderate
 - ☒ 3. Actual
 - ☐ 4. False

Q.17 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Territory
 - ☐ 2. Acknowledge
 - ☒ 3. Excellence
 - ☒ 4. Business

Q.18 Select the most appropriate meaning of the underlined idiom in the given sentence.

A man of character, he stuck to his guns even in the most difficult situations.

- Ans**
- ☒ 1. To find a treasure
 - ☒ 2. To do things that would please people
 - ☒ 3. To behave disrespectfully
 - ☐ 4. To stand firm against all difficulties and challenges

Q.19 Select the INCORRECTLY spelt word in the given sentence.
The handloom shop at the Ring Road has many kinds of bags, such as paper, leather, cloth and cannvas.

- Ans**
- ☒ 1. Leather
 - ☒ 2. Cannvas
 - ☒ 3. Paper
 - ☒ 4. Cloth

Q.20 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.
As they driven through the dark, twisting lane / down which they had walked earlier, Lucius heard / the whistling of the night air in his ears.

- Ans**
- ☒ 1. down which they had walked earlier, Lucius heard
 - ☒ 2. the whistling of the night air in his ears.
 - ☒ 3. As they driven through the dark, twisting lane
 - ☒ 4. No error

Comprehension:

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 most common hazard in forests is forest fire. Forest fires are as old as the forests themselves. They pose a 1. _____ not only to the forest wealth but also to the entire regime to fauna and flora seriously disturbing the biodiversity and the ecology and environment of a region. During summer, when there is no rain for months, the forests 2. _____ littered with dry senescent leaves and twinges, which could burst into flames ignited by the slightest spark. The Himalayan forests, particularly, Garhwal Himalayas have been burning 3. _____ during the last few summers, with colossal loss of vegetation cover of that region. The youngest mountain ranges of the Himalayas are the most 4. _____ stretches of the world susceptible to forest fires. The forests of the Western are more 5. _____ vulnerable to forest fires as compared to those in the Eastern Himalayas. This is because forests of the Eastern Himalayas grow in high rain density.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no.1.

- Ans**
- ☒ 1. trend
 - ☒ 2. failure
 - ☒ 3. threat
 - ☒ 4. mercy

Comprehension:

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 most common hazard in forests is forest fire. Forest fires are as old as the forests themselves. They pose a 1. _____ not only to the forest wealth but also to the entire regime to fauna and flora seriously disturbing the biodiversity and the ecology and environment of a region. During summer, when there is no rain for months, the forests 2. _____ littered with dry senescent leaves and twinges, which could burst into flames ignited by the slightest spark. The Himalayan forests, particularly, Garhwal Himalayas have been burning 3. _____ during the last few summers, with colossal loss of vegetation cover of that region. The youngest mountain ranges of the Himalayas are the most 4. _____ stretches of the world susceptible to forest fires. The forests of the Western are more 5. _____ vulnerable to forest fires as compared to those in the Eastern Himalayas. This is because forests of the Eastern Himalayas grow in high rain density.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no.2.

- Ans**
- ☒ 1. become
 - ☒ 2. build
 - ☒ 3. drive
 - ☒ 4. keep

Comprehension:

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 most common hazard in forests is forest fire. Forest fires are as old as the forests themselves. They pose a 1. _____ not only to the forest wealth but also to the entire regime to fauna and flora seriously disturbing the biodiversity and the ecology and environment of a region. During summer, when there is no rain for months, the forests 2. _____ littered with dry senescent leaves and twinges, which could burst into flames ignited by the slightest spark. The Himalayan forests, particularly, Garhwal Himalayas have been burning 3. _____ during the last few summers, with colossal loss of vegetation cover of that region. The youngest mountain ranges of the Himalayas are the most 4. _____ stretches of the world susceptible to forest fires. The forests of the Western are more 5. _____ vulnerable to forest fires as compared to those in the Eastern Himalayas. This is because forests of the Eastern Himalayas grow in high rain density.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no.3.

- Ans
- ☐ 1. badly
 - ☐ 2. enough
 - ☒ 3. regularly
 - ☐ 4. rarely

Comprehension:

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 most common hazard in forests is forest fire. Forest fires are as old as the forests themselves. They pose a 1. _____ not only to the forest wealth but also to the entire regime to fauna and flora seriously disturbing the biodiversity and the ecology and environment of a region. During summer, when there is no rain for months, the forests 2. _____ littered with dry senescent leaves and twinges, which could burst into flames ignited by the slightest spark. The Himalayan forests, particularly, Garhwal Himalayas have been burning 3. _____ during the last few summers, with colossal loss of vegetation cover of that region. The youngest mountain ranges of the Himalayas are the most 4. _____ stretches of the world susceptible to forest fires. The forests of the Western are more 5. _____ vulnerable to forest fires as compared to those in the Eastern Himalayas. This is because forests of the Eastern Himalayas grow in high rain density.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no.4.

- Ans
- ☐ 1. mysterious
 - ☐ 2. greasy
 - ☒ 3. vulnerable
 - ☐ 4. outrageous

Comprehension:

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 most common hazard in forests is forest fire. Forest fires are as old as the forests themselves. They pose a 1. _____ not only to the forest wealth but also to the entire regime to fauna and flora seriously disturbing the biodiversity and the ecology and environment of a region. During summer, when there is no rain for months, the forests 2. _____ littered with dry senescent leaves and twinges, which could burst into flames ignited by the slightest spark. The Himalayan forests, particularly, Garhwal Himalayas have been burning 3. _____ during the last few summers, with colossal loss of vegetation cover of that region. The youngest mountain ranges of the Himalayas are the most 4. _____ stretches of the world susceptible to forest fires. The forests of the Western are more 5. _____ vulnerable to forest fires as compared to those in the Eastern Himalayas. This is because forests of the Eastern Himalayas grow in high rain density.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no.5.

- Ans
- ☐ 1. closely
 - ☐ 2. deeply
 - ☐ 3. barely
 - ☒ 4. frequently

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	11/09/2023
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 A, B and C can complete a work in 10, 15 and 25 days, respectively. The time taken by A, B and C together to do the work is:

Ans

✓ 1. $4\frac{26}{31}$ days

✗ 2. $3\frac{11}{31}$ days

✗ 3. $4\frac{27}{31}$ days

✗ 4. $3\frac{16}{31}$ days

Q.2 The price of a bed is first increased by 32% and later on decreased by 20% due to reduction in sales. Find the net percentage change in the final price of the bed.

Ans

✓ 1. 5.6%

✗ 2. 6.2%

✗ 3. 4.9%

✗ 4. 7.5%

Q.3 A person jogged daily as per the given table:

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Distance jogged (in kms)	4.5	3.5	2.5	3.0	2.0	4.0	1.5

What is the mean distance jogged by the person in a week?

Ans

✗ 1. 2.5

✗ 2. 2

✗ 3. 3.5

✓ 4. 3

Q.4 A and B working separately can do a piece of work in 16 days and 28 days, respectively. If they work on alternate days beginning with B, in how many days will the work be completed?

- Ans
- ☐ 1. $19\frac{1}{2}$
 - ☒ 2. $20\frac{1}{2}$
 - ☐ 3. $21\frac{1}{2}$
 - ☐ 4. $18\frac{1}{2}$

Q.5 A man rows to a place at a distance of 72 km and comes back in 36 hours. He finds that he can row 12 km with the stream in the same time as 4 km against the stream. The speed (in km/h, rounded off to 2 decimal places) of the stream is:

- Ans
- ☐ 1. 3.75
 - ☐ 2. 2.33
 - ☐ 3. 2.45
 - ☒ 4. 2.67

Q.6 What is the compound interest (in ₹) on ₹20,500 for 2 years at 10% per annum, if the interest is compounded annually?

- Ans
- ☒ 1. 4,305
 - ☐ 2. 4,350
 - ☐ 3. 5,403
 - ☐ 4. 4,530

Q.7 ₹8,000 becomes ₹9,800 in three years at simple interest rate. If the rate of interest becomes two times of itself, then what will be the amount of the same principle in four years?

- Ans
- ☐ 1. ₹13,500
 - ☒ 2. ₹12,800
 - ☐ 3. ₹10,800
 - ☐ 4. ₹11,800

Q.8 If $A : B = 3 : 4$ and $B : C = 6 : 5$, then $A : B : C$ is:

- Ans
- ☒ 1. 9 : 12 : 10
 - ☐ 2. 9 : 10 : 20
 - ☐ 3. 9 : 12 : 20
 - ☐ 4. 9 : 10 : 12

Q.9 The average weight of 15 parcels is 20 kg. Addition of another new parcel increases the average weight by 250 grams. What is the weight of the new parcel?

- Ans
- ☒ 1. 24 kg
 - ☐ 2. 28 kg
 - ☐ 3. 22 kg
 - ☐ 4. 26 kg

Q.10 Sanjay wants to exactly measure the lengths 7000 mm, 3850 mm and 12950 mm using a single measuring tape. What will be the greatest possible length (in cm) of the measuring tape?

- Ans**
- ☐ 1. 30
 - ☐ 2. 40
 - ☒ 3. 35
 - ☐ 4. 45

Q.11 What is the value of R, if, $10(8 + 4R) \div (12 \times 5) - 5 \times 2^3 = 6$?

- Ans**
- ☐ 1. 76
 - ☐ 2. 68
 - ☐ 3. 86
 - ☒ 4. 67

Q.12 The mean of 23 observations is 36. If the mean of the first 12 observations is 32 and that of the last 12 observations is 39, find the 12th observation.

- Ans**
- ☐ 1. 25
 - ☐ 2. 26
 - ☐ 3. 23
 - ☒ 4. 24

Q.13 If the length of the longest diagonal of a cubical box is $\sqrt{300}$ cm, find its volume.

- Ans**
- ☒ 1. 1000 cm^3
 - ☐ 2. 10000 cm^3
 - ☐ 3. 100 cm^3
 - ☐ 4. 400 cm^3

Q.14 A cone has base diameter 4 m and height 1.5 m. Find the slant height of the cone (in m).

- Ans**
- ☐ 1. 2.7
 - ☐ 2. 2.1
 - ☒ 3. 2.5
 - ☐ 4. 2.3

Q.15 Neha walks at the rate of 8 km/h and crosses a bridge in 27 minutes. What is the length of the bridge in metres?

- Ans**
- ☐ 1. 4850
 - ☐ 2. 3000
 - ☐ 3. 2400
 - ☒ 4. 3600

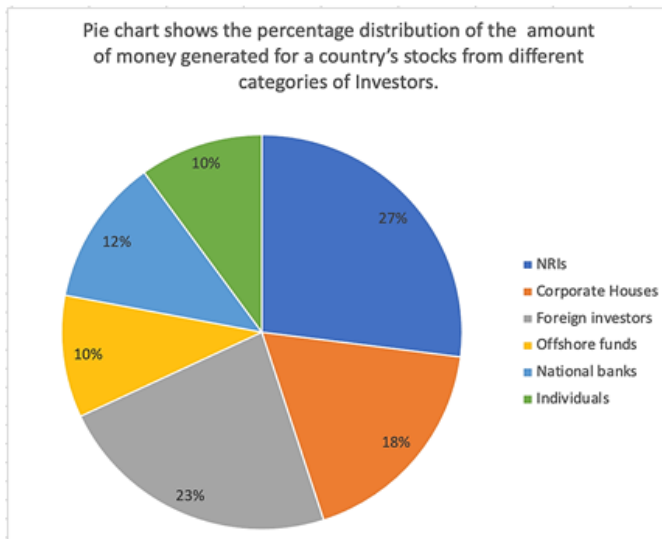
Q.16 By investing ₹12,000 in a scheme, R gets ₹15,500 back in return. What is his percentage of profit?

- Ans**
- ☐ 1. 19.17%
 - ☐ 2. 17.92%
 - ☐ 3. 27.19%
 - ☒ 4. 29.17%

Q.17 Robin purchases a fan for ₹2,000 and later sells it at a loss of 15%. At what price did he sell the fan?

- Ans
- ☒ 1. ₹1,800
 - ☒ 2. ₹1,700
 - ☒ 3. ₹1,900
 - ☒ 4. ₹2,100

Q.18 The following Pie chart shows the amount of money generated for a country's stocks from different categories of Investors.



If the total investment other than by NRIs, foreign investors and corporate houses is ₹456 crore, then the investment by National banks and offshore funds (in crore ₹) will be:

- Ans
- ☒ 1. 231.5
 - ☒ 2. 213.5
 - ☒ 3. 313.5
 - ☒ 4. 331.5

Q.19 5 pipes are required to fill a tank in 1 hour and 40 minutes. How long (in minutes) will it take to fill the same tank if 4 pipes of the same type are used?

- Ans
- ☒ 1. 125
 - ☒ 2. 115
 - ☒ 3. 140
 - ☒ 4. 150

Q.20 A milk vendor mixes water with milk and by selling the mixture at the cost price he gains $16\frac{1}{4}\%$. Find the ratio of milk to water in the mixture.

- Ans
- ☒ 1. 80 : 13
 - ☒ 2. 13 : 80
 - ☒ 3. 7 : 40
 - ☒ 4. 40 : 7

Q.1 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 dogs are cats. Some cats are hens. All hens are pink.

Conclusion I: Some dogs are cats.

Conclusion II: Some cats are pink.

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

Q.2 In a certain code language, 'ARC' is coded as '1-18-3' and 'BOY' is coded as '2-15-25'. What is the code for 'FAD' in the given code language?

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

Q.3 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 clowns are bottles. Some bottles are steel. All steel are keys.

Conclusion I: Some clowns are bottles.

Conclusion II: All steel are bottles.

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

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 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, 8, 32)

(5, 7, 70)

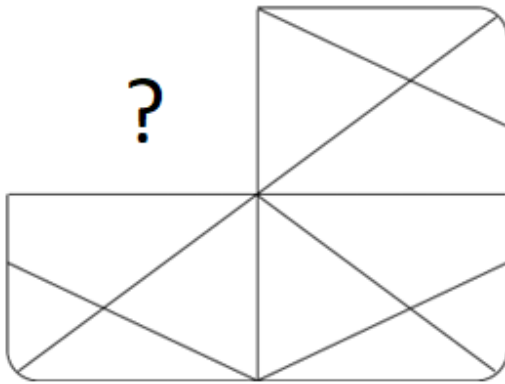
- Ans**
- ☒ 1. 6, 11, 56
 - ☒ 2. 7, 12, 84
 - ☒ 3. 3, 5, 15
 - ☒ 4. 4, 12, 96

Q.5 What should come in place of '?' in the given series?

14 47 146 443 1334 ?

- Ans
- ☒ 1. 4078
 - ☒ 2. 4001
 - ☒ 3. 4007
 - ☒ 4. 4171

Q.6 Identify the figure that completes the pattern (rotation is NOT allowed).



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.7 In a certain code language, 'NEAR' is coded as 4968 and 'REAP' is coded as 9865. What is the code for 'P' in the given code language?

- Ans
- ☒ 1. 9
 - ☒ 2. 6
 - ☒ 3. 5
 - ☒ 4. 8

Q.8 What will come in place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$10 + 6 - 5 \times 5 \div 3 = ?$$

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

Q.9 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

G_KPN_RPUXY_BE_PI_MP

- Ans
- ☐ 1. JPFLC
 - ☐ 2. QJLDP
 - ☐ 3. QFDPA
 - ☒ 4. JQPFL

Q.10 Shagun, Pragya, Yati, Lovey, Savi and Frooti are sitting around a circular table facing the centre. Shagun sits 2nd to the left of Pragya. Yati sits 2nd to the left of Shagun. Lovey sits 3rd to the left of Yati. Savi sits 2nd to the left of Lovey. Who sits 3rd to the left of Shagun?

- Ans
- ☐ 1. Savi
 - ☐ 2. Lovey
 - ☐ 3. Pragya
 - ☒ 4. Frooti

Q.11 EH 11 is related to CF 16 in a certain way. In the same way, JV 15 is related to HT 20. To which of the following is FN 13 related to following the same logic?

- Ans
- ☒ 1. DL 18
 - ☐ 2. CL 18
 - ☐ 3. EM 17
 - ☐ 4. DK 19

Q.12 What should come in place of '?' in the given series?

12 18 30 54 102 ?

- Ans
- ☐ 1. 204
 - ☐ 2. 187
 - ☒ 3. 198
 - ☐ 4. 190

Q.13 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

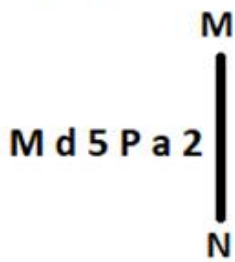
$$216 \times 36 - 6 \div 17 + 39 = ?$$

- Ans
- ☐ 1. 89
 - ☐ 2. 59
 - ☒ 3. 69
 - ☐ 4. 79

Q.14 5 is related to 24 following a certain logic. Following the same logic, 9 is related to 80. To which of the following is 14 related to, following the same logic?

- Ans
- ☐ 1. 198
 - ☐ 2. 197
 - ☐ 3. 196
 - ☒ 4. 195

Q.15 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☐ 1. a 2 5 P b M
 - ☐ 2. 5 d 5 b M
 - ☐ 3. 2 a 2 p M
 - ☒ 4. 5 d 9 2 b M

Q.16 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

_ TU _ T _ TT _ _ TU

- Ans
- ☐ 1. UUTUU
 - ☐ 2. TUTUU
 - ☒ 3. TTUUT
 - ☐ 4. UTUTU

Q.17 Which figure should replace the question mark (?) if the following figure series were to be continued?

S	4	S	=	
= X 4	A D S	4 V =	X A S	?
D A	X =	A X	V 4	

Ans

✗ 1.

S
= A 4
X V

✓ 2.

S
= 6 4
X V

✗ 3.

S
= 6 4
A X

✗ 4.

S
A 4 =
X V

Q.18 What should come in place of '?' in the given series?

7 33 137 553 2217 ?

Ans

✗ 1. 8931

✓ 2. 8873

✗ 3. 8723

✗ 4. 8827

Q.19 What should come in place of ? in the given series based on the English alphabetical order?

HVP, JZO, LDN, NHM, ?

Ans

✗ 1. MLM

✓ 2. PLL

✗ 3. OLL

✗ 4. NLN

Q.20 If 15th Feb 2010 is Monday, then what will be the day of the week on 7th July 2011?

- Ans
- ☒ 1. Thursday
 - ☐ 2. Saturday
 - ☐ 3. Wednesday
 - ☐ 4. Monday

Section : **General Awareness**

Q.1 Which university won the first place in the 3rd Khelo India University Games?

- Ans
- ☐ 1. Shivaji University
 - ☐ 2. University of Mumbai
 - ☒ 3. Panjab University
 - ☐ 4. University of Madras

Q.2 The technique of classical dancing was codified by _____ in about the 5th century B.C.

- Ans
- ☐ 1. Sudraka
 - ☐ 2. Kalhana
 - ☐ 3. Chanakya
 - ☒ 4. Bharata

Q.3 Who was the music director of the famous film 'Sholay' released in 1975?

- Ans
- ☐ 1. Jatin - Lalit
 - ☐ 2. Nadeem - Shrivani
 - ☒ 3. RD Burman
 - ☐ 4. Madan Mohan

Q.4 Who was the first speaker of the Lok Sabha?

- Ans
- ☐ 1. NS Reddy
 - ☒ 2. GV Mavalankar
 - ☐ 3. Ananthasayanam Ayyangar
 - ☐ 4. Mira Kumar

Q.5 Which of the following statements about Mahatma Gandhi is INCORRECT?

- Ans
- ☒ 1. He led the Champaran Satyagraha in 1910.
 - ☐ 2. He led the Dandi Salt March in 1930.
 - ☐ 3. In 1942, he launched the Quit India Movement.
 - ☐ 4. Mahatma Gandhi was born in 1869 in Porbandar.

Q.6 In which of the following states of India is the maximum extent of alluvial soil found?

- Ans
- ☐ 1. Telangana
 - ☐ 2. Karnataka
 - ☐ 3. Maharashtra
 - ☒ 4. Uttar Pradesh

Q.7 Which condition causes bone pain, poor growth, and soft, weak bones that can lead to bone deformities?

- Ans
- ☐ 1. Pertussis
 - ☒ 2. Rickets
 - ☐ 3. Asplenia
 - ☐ 4. Cerebral Palsy

Q.8 Chaoite, Buckminsterfullerene and Graphene are related to which element?

- Ans**
- ☐ 1. Arsenic
 - ☒ 2. Carbon
 - ☐ 3. Bromine
 - ☐ 4. Sulphur

Q.9 Who among the following is credited with starting a Fusion Dance form called 'Hi-Dance'?

- Ans**
- ☐ 1. Mani Damodara
 - ☐ 2. Kartik Ram
 - ☒ 3. Uday Shankar
 - ☐ 4. Shashadhar Acharya

Q.10 In which of the following years was the Child Marriage Restraint Act passed?

- Ans**
- ☐ 1. 1878
 - ☐ 2. 1856
 - ☐ 3. 1947
 - ☒ 4. 1929

Q.11 Who is credited with the establishment of Servants of India Society?

- Ans**
- ☐ 1. MG Ranade
 - ☒ 2. Gopal Krishna Gokhale
 - ☐ 3. CR Das
 - ☐ 4. Lala Lajpat Rai

Q.12 'The Story of My Experiments with Truth' is an autobiography of _____.

- Ans**
- ☐ 1. Vivekanand
 - ☐ 2. Jawaharlal Nehru
 - ☒ 3. Mahatma Gandhi
 - ☐ 4. Dr. Rajendra Prasad

Q.13 The Lambadi dance is a folk dance form of the _____ tribe and originated in Andhra Pradesh.

- Ans**
- ☐ 1. Dabba Yerukula
 - ☒ 2. Banjara
 - ☐ 3. Nakkala
 - ☐ 4. Sugali

Q.14 According to the Census of India 2011, which of the following states has the lowest population?

- Ans**
- ☒ 1. Sikkim
 - ☐ 2. Manipur
 - ☐ 3. Goa
 - ☐ 4. Mizoram

Q.15 The _____ port was developed after Independence to ease the volume of trade on the Mumbai port.

- Ans**
- ☒ 1. Kandla
 - ☐ 2. Kolkata
 - ☐ 3. Chennai
 - ☐ 4. Visakhapatnam

Q.16	What is the main reason behind the substantial rainfall during summer on the western coasts of India?
Ans	1. Indus River 2. Eastern winds 3. Eastern Ghats 4. Western Ghats
Q.17	The value of all final goods and services produced within the country during one year is known as _____.
Ans	1. net domestic product 2. gross national product 3. gross domestic product 4. net national product
Q.18	Which state passed a bill for the protection of advocates and became the first state to do so?
Ans	1. Haryana 2. Himachal Pradesh 3. Punjab 4. Rajasthan
Q.19	Which of the following is an advantage of microfinance institutions in India?
Ans	1. Increased reliance on informal lending sources 2. Minimal support for women entrepreneurs 3. Enhanced financial inclusion 4. Limited impact on poverty reduction
Q.20	Who among the following is the author of the novel 'Animal Farm'?
Ans	1. Charles Dickens 2. George Orwell 3. Roald Dahl 4. Thomas Hardy
Q.21	ACF conferred Grandmaster _____ with Player of the Year award, who is only the sixth Indian to break the 2700 Elo-rating mark and the youngest Grandmaster from the country to be rated above 2700.
Ans	1. Koshy Varugeese 2. Aadit Khan 3. D Gukesh 4. NR Vignesh
Q.22	Who propounded the concept of 'Rule of Law'?
Ans	1. Austin 2. CK Daphtary 3. AK Sen 4. AV Dicey
Q.23	In which state is Vijay Stambh situated?
Ans	1. Rajasthan 2. Gujarat 3. Punjab 4. Uttar Pradesh
Q.24	In which Indian musician's name did the state of Massachusetts in the USA declare April 20th in 1984 as a day in his name?
Ans	1. Brij Narayan 2. Amjad Ali Khan 3. Ali Akbar Khan 4. Rajeev Taranath

Q.25 The second edition of Khelo India Youth Games, 2019 was organised in which city?

- Ans**
- ☐ 1. New Delhi
 - ☐ 2. Mumbai
 - ☐ 3. Guwahati
 - ☒ 4. Pune

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Kavya invited all her friends, isn't it?

- Ans**
- ☒ 1. didn't she?
 - ☐ 2. don't she?
 - ☐ 3. isn't she?
 - ☐ 4. did she?

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Rashmi works at the hospital, don't she?

- Ans**
- ☐ 1. do she?
 - ☐ 2. does she?
 - ☒ 3. doesn't she?
 - ☐ 4. has she?

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

They decided to / travel in train / instead of driving / to New Delhi.

- Ans**
- ☒ 1. travel in train
 - ☐ 2. instead of driving
 - ☐ 3. They decided to
 - ☐ 4. to New Delhi

Q.4 The given sentence contains an error. Select the option that correctly rectifies the error.
This is the eldest standing structure of Chola architecture in India.

- Ans**
- ☐ 1. This is the more elder standing structure of Chola architecture in India.
 - ☒ 2. This is the oldest standing structure of Chola architecture in India.
 - ☐ 3. This is the more older standing structure of Chola architecture in India.
 - ☐ 4. This is the most old standing structure of Chola architecture in India.

Q.5 Select the most appropriate idiom to fill in the blank.
The deal was _____ for three months.

- Ans**
- ☐ 1. broken the ice
 - ☐ 2. tipped of the iceberg
 - ☐ 3. cut no ice
 - ☒ 4. put on ice

Q.6 Select the most appropriate ANTONYM of the given word.
Cheap

- Ans**
- ☐ 1. Ignorant
 - ☐ 2. Old
 - ☒ 3. Expensive
 - ☐ 4. Untangle

Q.7 The following sentence has been split into four segments. Identify the segment that contains an error.
I have seen / a movie / on schooling / yesterday.

- Ans**
- ☐ 1. yesterday
 - ☐ 2. a movie
 - ☐ 3. on schooling
 - ☒ 4. I have seen

Q.8 Select the most appropriate option to fill in the blank.
Virtual worlds are recently new phenomena in that they _____ people to meet and socially interact with others in a variety of online environments.

- Ans**
- ☒ 1. forbid
 - ☒ 2. enable
 - ☒ 3. bring
 - ☒ 4. choose

Q.9 Select the option that can be used as a one-word substitute for the underlined group of words.
I suppose dancing that well would require a lot of actual application.

- Ans**
- ☒ 1. perception
 - ☒ 2. prevention
 - ☒ 3. practice
 - ☒ 4. perseverance

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

A music / is a great way / to express / your emotions.

- Ans**
- ☒ 1. to express
 - ☒ 2. your emotions
 - ☒ 3. A music
 - ☒ 4. is a great way

Q.11 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Vehemence
 - ☒ 2. Curiosity
 - ☒ 3. Superficial
 - ☒ 4. Synagogue

Q.12 Select the sentence that has NO spelling errors.

- Ans**
- ☒ 1. My new phone has a high-resolution screan and powerfull procesor, which makes it perfect for streming videos and playing games.
 - ☒ 2. My new phone has a high-resolusion screen and powerful proccessor, which makes it perfect for streming videos and playing games.
 - ☒ 3. My new phone has a high-resolution screen and a powerful processor, which makes it perfect for streaming videos and playing games.
 - ☒ 4. My new phone has a high-resollution screen and a powerfull procesor, which makes it perfect for streaming videos and playing games.

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

Fear of closed spaces

- Ans**
- ☒ 1. Xenophobia
 - ☒ 2. Hydrophobia
 - ☒ 3. Claustrophobia
 - ☒ 4. Zoophobia

Q.14 Select the most appropriate ANTONYM of the given word.
Strengthen

- Ans**
- ☒ 1. Debilitate
 - ☒ 2. Fortify
 - ☒ 3. Ascend
 - ☒ 4. Strain

Q.15 Select the most appropriate idiom to fill in the blank.
You are an intellectual with a professional degree; you can do wonders as _____.

- Ans**
- ☒ 1. the world is your oyster
 - ☒ 2. you are playing with fire
 - ☒ 3. your mileage may vary
 - ☒ 4. you can say it again

Q.16 Parts of the following sentence have been given as options. Select the option that contains an error.
Radha will have learnt cooking by the time she will have married.

- Ans**
- ☒ 1. learnt cooking
 - ☒ 2. she will have married
 - ☒ 3. by the time
 - ☒ 4. Radha will have

Q.17 Select the most appropriate meaning of the given idiom.
To cross swords

- Ans**
- ☒ 1. To fight
 - ☒ 2. To kill
 - ☒ 3. To arrange
 - ☒ 4. To defend

Q.18 Select the most appropriate ANTONYM of the given word.
Fame

- Ans**
- ☒ 1. Shame
 - ☒ 2. Stingy
 - ☒ 3. Name
 - ☒ 4. Scandal

Q.19 Select the most appropriate meaning of the underlined idiom in the following sentence.

Riddhi believes in wearing her heart on her sleeve. That is why she has so many friends.

- Ans**
- ☒ 1. To talk aloud
 - ☒ 2. To criticise everybody
 - ☒ 3. To wear a badge of honour
 - ☒ 4. To openly and freely express one's emotions

Q.20 Identify the INCORRECTLY spelt word in the following sentence.
Being a doktor, my sister Meera is prepared for an emergency usually.

- Ans**
- ☒ 1. usually
 - ☒ 2. prepared
 - ☒ 3. emergency
 - ☒ 4. doktor

Comprehension:

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 cashless India is the first step towards making the dream of digital India a reality. Government is trying to (1)_____ a cashless environment in the country. Demonetisation appears to be a stepping (2)_____ in that direction. To help facilitate this, government even (3)_____ its own app 'BHIM' built for the same purpose. The (4)_____ of conducting online financial transactions is probably the biggest motivator to go digital. You will no longer need to carry wads of cash, plastic cards or even queue up for ATM withdrawals. It's also safer and easier spending option when you are travelling. Making transactions digitally makes it easy to keep track of your finances. The (5)_____ are enormous for everyone if you leave out the low-income group, which will face a huge challenge. For the rest of the country, it is constructive and simple. However, the convenience of net-banking, m-banking, card or mobile wallet transactions can make you spend more than your budget.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank No. 1.

- Ans**
- ☒ 1. preach
 - ☒ 2. precede
 - ☒ 3. determine
 - ☒ 4. create

Comprehension:

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 cashless India is the first step towards making the dream of digital India a reality. Government is trying to (1)_____ a cashless environment in the country. Demonetisation appears to be a stepping (2)_____ in that direction. To help facilitate this, government even (3)_____ its own app 'BHIM' built for the same purpose. The (4)_____ of conducting online financial transactions is probably the biggest motivator to go digital. You will no longer need to carry wads of cash, plastic cards or even queue up for ATM withdrawals. It's also safer and easier spending option when you are travelling. Making transactions digitally makes it easy to keep track of your finances. The (5)_____ are enormous for everyone if you leave out the low-income group, which will face a huge challenge. For the rest of the country, it is constructive and simple. However, the convenience of net-banking, m-banking, card or mobile wallet transactions can make you spend more than your budget.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank No. 2.

- Ans
- ☒ 1. matter
 - ☒ 2. stone
 - ☒ 3. stairs
 - ☒ 4. method

Comprehension:

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 cashless India is the first step towards making the dream of digital India a reality. Government is trying to (1)_____ a cashless environment in the country. Demonetisation appears to be a stepping (2)_____ in that direction. To help facilitate this, government even (3)_____ its own app 'BHIM' built for the same purpose. The (4)_____ of conducting online financial transactions is probably the biggest motivator to go digital. You will no longer need to carry wads of cash, plastic cards or even queue up for ATM withdrawals. It's also safer and easier spending option when you are travelling. Making transactions digitally makes it easy to keep track of your finances. The (5)_____ are enormous for everyone if you leave out the low-income group, which will face a huge challenge. For the rest of the country, it is constructive and simple. However, the convenience of net-banking, m-banking, card or mobile wallet transactions can make you spend more than your budget.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank No. 3.

- Ans
- ☒ 1. launched
 - ☒ 2. sensed
 - ☒ 3. submitted
 - ☒ 4. followed

Comprehension:

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 cashless India is the first step towards making the dream of digital India a reality. Government is trying to (1)_____ a cashless environment in the country. Demonetisation appears to be a stepping (2)_____ in that direction. To help facilitate this, government even (3)_____ its own app 'BHIM' built for the same purpose. The (4)_____ of conducting online financial transactions is probably the biggest motivator to go digital. You will no longer need to carry wads of cash, plastic cards or even queue up for ATM withdrawals. It's also safer and easier spending option when you are travelling. Making transactions digitally makes it easy to keep track of your finances. The (5)_____ are enormous for everyone if you leave out the low-income group, which will face a huge challenge. For the rest of the country, it is constructive and simple. However, the convenience of net-banking, m-banking, card or mobile wallet transactions can make you spend more than your budget.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank No. 4.

- Ans
- ☒ 1. ease
 - ☒ 2. hassle
 - ☒ 3. agony
 - ☒ 4. delay

Comprehension:

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 cashless India is the first step towards making the dream of digital India a reality. Government is trying to (1)_____ a cashless environment in the country. Demonetisation appears to be a stepping (2)_____ in that direction. To help facilitate this, government even (3)_____ its own app 'BHIM' built for the same purpose. The (4)_____ of conducting online financial transactions is probably the biggest motivator to go digital. You will no longer need to carry wads of cash, plastic cards or even queue up for ATM withdrawals. It's also safer and easier spending option when you are travelling. Making transactions digitally makes it easy to keep track of your finances. The (5)_____ are enormous for everyone if you leave out the low-income group, which will face a huge challenge. For the rest of the country, it is constructive and simple. However, the convenience of net-banking, m-banking, card or mobile wallet transactions can make you spend more than your budget.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank No. 5.

- Ans**
-  1. severity
 -  2. attempts
 -  3. scenarios
 -  4. benefits

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	11/09/2023
Exam Time	4:00 PM - 6:00 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 The average marks of 21 papers is 50. The average marks of the first 11 papers is 52 and that of the last 11 papers is 45. Find the marks of the 11th paper.

- Ans**
- ☒ 1. 17
 - ☐ 2. 20
 - ☐ 3. 15
 - ☐ 4. 14

Q.2 A, B and C can complete a piece of work in 12 days, 24 days and 36 days, respectively. A starts working alone on the first day and then A is assisted by B on the second day and C on the third day, respectively. This pattern is repeated till the work gets completed. In how many days does the work will be over?

- Ans**
- ☐ 1. 10
 - ☐ 2. $8\frac{1}{2}$
 - ☒ 3. $9\frac{1}{2}$
 - ☐ 4. 9

Q.3 Some solid metallic right circular cones, each with diameter of the base 8 cm and height 6 cm are melted to form a solid sphere of radius 12 cm. Find the number of right circular cones which are melted.

- Ans**
- ☐ 1. 70
 - ☐ 2. 66
 - ☐ 3. 60
 - ☒ 4. 72

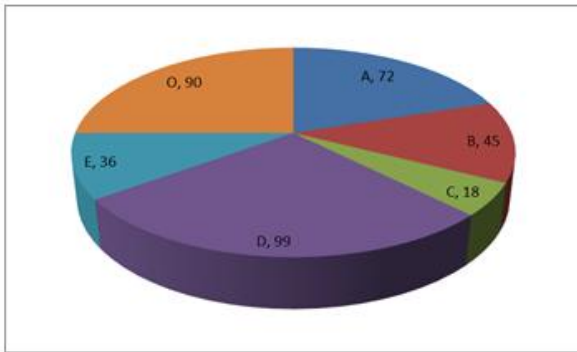
Q.4 If the income of T is 8 times his savings, then his expenditure is _____ times his savings.

- Ans**
- ☐ 1. 8
 - ☐ 2. 6
 - ☒ 3. 7
 - ☐ 4. 5

Q.5 The average age of 25 students in a group is 14 years. When the teacher's age is included, the average increases by 1.5 years. What is the teacher's age (in years)?

- Ans**
- ☐ 1. 50
 - ☒ 2. 53
 - ☐ 3. 42
 - ☐ 4. 46

- Q.6 The pie diagram represents the export of different types of fabrics (in degree measure) from India during 2015. Out of the total export, what is the percentage of fabric B?



- Ans
- ☒ 1. 45%
 - ☒ 2. 18%
 - ☒ 3. 25%
 - ☒ 4. 12.5%

- Q.7 A certain sum of money lent out at simple interest amounts to ₹12,600 in 2 years and ₹16,200 in 4 years. The rate per cent per annum is:

- Ans
- ☒ 1. 25 %
 - ☒ 2. $17\frac{1}{2}$ %
 - ☒ 3. $12\frac{6}{7}$ %
 - ☒ 4. 20 %

- Q.8 Find the area (in cm^2) of the rhombus, lengths of whose diagonals are, respectively, 7.5 cm and 5.6 cm.

- Ans
- ☒ 1. 21
 - ☒ 2. 28
 - ☒ 3. 27
 - ☒ 4. 30

- Q.9 By selling a cycle for ₹5,800, a man gains 45%. What will be the cost price of the cycle?

- Ans
- ☒ 1. ₹4,000
 - ☒ 2. ₹3,500
 - ☒ 3. ₹4,500
 - ☒ 4. ₹3,000

- Q.10 Two trains A and B, 210 m and 150 m, respectively, in length, are running in the same direction on parallel lines. If the speed of A and B be 110 km/h and 128 km/h, respectively, then what will be the time (in seconds) taken by train B to cross train A?

- Ans
- ☒ 1. 74
 - ☒ 2. 72
 - ☒ 3. 71
 - ☒ 4. 70

Q.11 The table shows the annual expenditure of five families during the last 5 years. (In ₹ Thousands)

Year→ Family ↓	2017	2018	2019	2020	2021
F ₁	35	50	55	60	45
F ₂	45	35	60	55	40
F ₃	53	40	45	65	50
F ₄	40	30	35	50	45
F ₅	35	45	55	50	45

Which family had the highest expense throughout the years?

- Ans
- ☐ 1. F₁
 - ☒ 2. F₃
 - ☐ 3. F₅
 - ☐ 4. F₄

Q.12 If $a : b = 3 : 7$, then the ratio of $(5a + 7b) : (7a + 5b)$ is:

- Ans
- ☐ 1. 7 : 9
 - ☒ 2. 8 : 7
 - ☐ 3. 3 : 7
 - ☐ 4. 7 : 11

Q.13 A thief noticed a policeman at a distance of 500 m away from him. The thief starts running at a speed of 60 km/h and the policeman chased him running at a speed of 70 km/h. Find the time taken by the policeman to catch the thief (in minutes).

- Ans
- ☒ 1. 3
 - ☐ 2. 15
 - ☐ 3. 6
 - ☐ 4. 10

Q.14 Mayur and Aham enter into a partnership by making investments in the ratio 2 : 3. 10% of the total profit goes to charity. If Aham's share is ₹4,860, then what is the total profit (in ₹) earned?

- Ans
- ☐ 1. 7,200
 - ☐ 2. 8,500
 - ☒ 3. 9,000
 - ☐ 4. 11,000

Q.15 In how many years will ₹1,60,000 become ₹2,79,841 at a compound interest(Compounded annually) rate of 15% per annum?

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

Q.16 Identify the single rational number that may replace the given expression.

$$[1^2 + 2^2 + 3^2 + 4^2] \times \frac{2}{3 \times 5} \div \left(\frac{1}{4}\right)^2$$

- Ans
- ☒ 1. 64
 - ☐ 2. $\frac{1}{64}$
 - ☐ 3. $\frac{1}{16}$
 - ☐ 4. 16

Q.17 Dev and Goyal together can do a piece of work in 14 days and Dev alone can do it in 27 days. In how many days can Goyal alone do it?

- Ans
- ☐ 1. $32\frac{1}{13}$
 - ☐ 2. $21\frac{1}{13}$
 - ☐ 3. $30\frac{1}{13}$
 - ☒ 4. $29\frac{1}{13}$

Q.18 Radha, Pratima and Reena begin to jog around a circular path and they complete their revolutions in 50 seconds, 75 seconds and 100 seconds, respectively. After how much time (in minutes) will they meet together at the starting point for the first time?

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

Q.19 A company buys raw materials for ₹10,000 and manufactures a product that costs an additional ₹5,000 in labour and overhead. The product is sold to a distributor for ₹25,000, who marks it up by 20% and sells it to a retailer. The retailer then marks it up by another 25% and sells it to the end customer. What is the overall percentage profit made by the company, distributor, and retailer combined?

- Ans
- ☐ 1. 125%
 - ☐ 2. 100%
 - ☒ 3. 150%
 - ☐ 4. 135%

Q.20 Two-fifth of a journey is covered at a speed of 45 km/h, and the remaining distance is covered at the rate of 63 km/h. The average speed for the whole journey (in km/h, rounded off to the nearest integer) is:

- Ans
- ☒ 1. 54
 - ☐ 2. 55
 - ☐ 3. 60
 - ☐ 4. 58

Q.1 What should come in place of ? in the given series based on the English alphabetical order?

LAT, KYS, JWR, IUQ, ?

- Ans**
- ☐ 1. HQR
 - ☒ 2. HSP
 - ☐ 3. GRQ
 - ☐ 4. ISP

Q.2 11 is related to 123 following a certain logic. Following the same logic, 20 is related to 402. To which of the following is 13 related to, following the same logic?

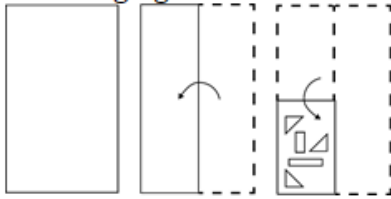
- Ans**
- ☐ 1. 174
 - ☒ 2. 171
 - ☐ 3. 173
 - ☐ 4. 172

Q.3 If A means '-', E means '×', D means '+', G means '+', then what will come in place of the question mark (?) in the following equation?

21 G 14 D 1 A 2 E 8 = ?

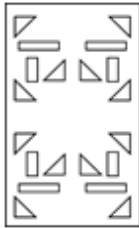
- Ans**
- ☐ 1. 25
 - ☒ 2. 19
 - ☐ 3. 11
 - ☐ 4. 17

Q.4 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?

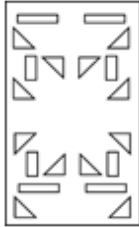


Ans

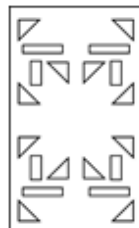
✗ 1.



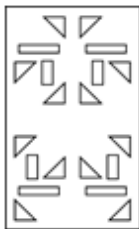
✗ 2.



✓ 3.



✗ 4.



Q.5 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

DFZ_ D_CJ DF_I _FIH DF_G

Ans ✗ 1. KDFLF

✗ 2. DLFFK

✓ 3. KFFDL

✗ 4. FDFKL

Q.6 What should come in place of ? in the given series?

57 62 72 77 87 ?

Ans ✓ 1. 92

✗ 2. 91

✗ 3. 93

✗ 4. 94

Q.7 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Bacteria : Decomposition

- Ans**
- ☐ 1. Oxygen : Treatment
 - ☐ 2. Antibiotic : Injection
 - ☐ 3. Volcano : Eruption
 - ☒ 4. Yeast : Fermentation

Q.8 Seven people, V, F, D, S, R, C, and P are sitting in a straight line, facing south. Only two people sit between V and P. Only two people sit to the right of V. D sits third to the left of S. P is an immediate neighbour of D and F. C is an immediate neighbour of S.

Total how many people sit between S and P?

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

Q.9 In a certain code language, 'SCAR' is coded as '2386' and 'RACE' is coded as '8642'. What is the code for 'E' in the given code language?

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

Q.10 If 13th March 2007 is Tuesday then what will be the day of the week on 14th Sep 2017?

- Ans**
- ☐ 1. Monday
 - ☐ 2. Tuesday
 - ☒ 3. Thursday
 - ☐ 4. Wednesday

Q.11 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 trees are mobiles. Some mobiles are small. All small are ants.

Conclusion I: Some trees are mobiles.

Conclusion II: Some ants are small.

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

Q.12 What will come in place of '?' in the following equation, if '+' and '÷' are interchanged and '×' and '-' are interchanged?

$$10 \div 2 - 6 \times 7 + 1 = ?$$

- Ans**
- ☐ 1. 24
 - ☒ 2. 15
 - ☐ 3. 19
 - ☐ 4. 18

Q.13 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

ZY _ Z _ Z _ _ ZZ _ Z

- Ans**
- ☐ 1. YZYZZ
 - ☒ 2. ZYZYY
 - ☐ 3. YYZYZ
 - ☐ 4. ZYYZZ

Q.14 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 apples are fire. All fire is hot. Some hot are crabs.

Conclusion I: No apples are hot.

Conclusion II: Some crabs are fire.

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

Q.15 Which figure should replace the question mark (?) if the following figure series were to be continued?

L	I	G	Q	B	I	T	2	G	I	Q	2	
	B	6		6	G		Q	L		L	G	
Q		T	T		L	I		6	6		T	

Ans

✗ 1.

6	G	T
	I	Q
2		L

✗ 2.

Q	2	6
	I	F
T		L

✓ 3.

6	F	G
	I	T
2		L

✗ 4.

6	I	T
	Q	2
L		G

Q.16 What should come in place of ? in the given series?

84 88 96 108 124 ?

- Ans
- ✗ 1. 134
 - ✗ 2. 124
 - ✗ 3. 154
 - ✓ 4. 144

Q.17 What should come in place of '?' in the given series?

7 16 43 ? 367 1096 3283

- Ans
- ✗ 1. 117
 - ✗ 2. 105
 - ✓ 3. 124
 - ✗ 4. 98

Q.18 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. d b g 7 2 e Y
 - ☒ 2. q b 7 g 2 e Y
 - ☒ 3. q b 7 g 2 e Y
 - ☒ 4. q b 7 g 5 e Y

Q.19 22 is related to 198 following a certain logic. Following the same logic, 41 is related to 369. To which of the following is 54 related to, following the same logic?

- Ans
- ☒ 1. 268
 - ☒ 2. 468
 - ☒ 3. 286
 - ☒ 4. 486

Q.20 In a certain code language, 'QUALIFY' is coded as 'PTZKHYF' and 'PANTHER' is coded as 'OZMSGRE'. What is the code for 'FORCEPS' in the given code language?

- Ans
- ☒ 1. ENQBDSP
 - ☒ 2. DMQCERP
 - ☒ 3. EMOCDRQ
 - ☒ 4. DNPCDSQ

Section : General Awareness

Q.1 Which of the following is a famous novel written by Munshi Premchand?

- Ans
- ☒ 1. Godan
 - ☒ 2. Rag Darbari
 - ☒ 3. Kitne Pakistan
 - ☒ 4. Gunaho Ka Devta

Q.2 Alarmel Valli is a _____ dancer.

- Ans
- ☒ 1. Kuchipudi
 - ☒ 2. Kathak
 - ☒ 3. Odissi
 - ☒ 4. Bharatnatyam

Q.3 India played in the finals of the 2023 World Test Championship against Australia. Where was this match conducted?

- Ans
- ☒ 1. Kolkata
 - ☒ 2. Sydney
 - ☒ 3. London
 - ☒ 4. Dubai

Q.4 Who among the following female singers has been felicitated with the Bharat Ratna?

- Ans**
- ☒ 1. Lata Mangeshkar
 - ☐ 2. Usha Uthup
 - ☐ 3. Asha Bhosle
 - ☐ 4. Vani Jayaram

Q.5 Which of the following states of India is the first to receive rainfall from the South West Monsoon?

- Ans**
- ☐ 1. Rajasthan
 - ☐ 2. Himachal Pradesh
 - ☐ 3. Telangana
 - ☒ 4. Kerala

Q.6 When was the first general election for Lok Sabha held in India?

- Ans**
- ☐ 1. 1948-49
 - ☒ 2. 1951-52
 - ☐ 3. 1950-51
 - ☐ 4. 1949-50

Q.7 Which cell found in the bone marrow acts as a repair system for the body?

- Ans**
- ☐ 1. Bone Cells
 - ☒ 2. Stem cells
 - ☐ 3. Fat Cells
 - ☐ 4. Muscle cells

Q.8 The Sirpur Shrine is situated in which of the following states?

- Ans**
- ☐ 1. Odisha
 - ☒ 2. Chhattisgarh
 - ☐ 3. Uttar Pradesh
 - ☐ 4. Bihar

Q.9 Which of the following factors does NOT affect the climate of India?

- Ans**
- ☐ 1. Altitude
 - ☒ 2. Longitude
 - ☐ 3. Latitude
 - ☐ 4. Winds

Q.10 Which of the following is a famous folk dance of Rajasthan?

- Ans**
- ☐ 1. Pala Jatra
 - ☒ 2. Kalbelia
 - ☐ 3. Daskathia
 - ☐ 4. Chang Lo

Q.11 Factor cost is also known as:

- Ans**
- ☐ 1. market cost
 - ☐ 2. output cost
 - ☐ 3. ex-factory cost
 - ☒ 4. input cost

Q.12 Which of the following is an example of a microfinance institution (MFI) in India?

- Ans**
- ☐ 1. ICICI Bank
 - ☐ 2. State Bank of India (SBI)
 - ☒ 3. Bandhan Bank
 - ☐ 4. HDFC Bank

Q.13 Who among the following singers is from Andhra Pradesh?

- Ans**
-  1. Asha Bhosle
 -  2. Alka Yagnik
 -  3. S Janaki
 -  4. Usha Uthup

Q.14 Which of the following has initiated the Village Defence Guards scheme to instil a sense of self protection and ensure the safety and security of villages and infrastructural installations in and around the villages?

- Ans**
-  1. Uttar Pradesh
 -  2. Ladakh
 -  3. Rajasthan
 -  4. Jammu and Kashmir

Q.15 D Gukesh was awarded player of the year award in March 2023. He plays which sport?

- Ans**
-  1. Snooker
 -  2. Chess
 -  3. Boxing
 -  4. Badminton

Q.16 In which year did the 'Battle of Buxar' take place?

- Ans**
-  1. 1757 CE
 -  2. 1761 CE
 -  3. 1764 CE
 -  4. 1769 CE

Q.17 Who led the Congress in the second round table conference held in London?

- Ans**
-  1. Annie Besant
 -  2. Sarojini Naidu
 -  3. Mahatma Gandhi
 -  4. Jawahar Lal Nehru

Q.18 According to the Ministry of Textile 2022-23, which state is the second largest producer of cotton?

- Ans**
-  1. Maharashtra
 -  2. Madhya Pradesh
 -  3. Bihar
 -  4. Gujarat

Q.19 To mark the celebration of Gandhi Jayanti, the _____ celebrates it as International Day of Non-Violence.

- Ans**
-  1. United Nations
 -  2. South Asian Association for Regional Cooperation
 -  3. BRICS Nations
 -  4. Group of 20

Q.20 In which of the following States was the final of the 2023 Intercontinental Cup football championship held?

- Ans**
-  1. Karnataka
 -  2. Maharashtra
 -  3. Odisha
 -  4. Telangana

Q.21 What is the common name for a saturated solution of calcium hydroxide widely used as a raw material in the chemical industry?

- Ans**
-  1. Slaked lime
 -  2. Burnt Lime
 -  3. Limestone
 -  4. Calomel

Q.22 Which Article of the Indian Constitution mandates that the state should protect every monument or place of artistic or historic interest?

- Ans**
- ☐ 1. Article 39A
 - ☒ 2. Article 49
 - ☐ 3. Article 48A
 - ☐ 4. Article 50

Q.23 Which famous Indian danseuse became the first woman to be nominated as a member of Rajya Sabha?

- Ans**
- ☐ 1. Mrinalini Sarabhai
 - ☒ 2. Rukmini Devi Arundale
 - ☐ 3. Sitara Devi
 - ☐ 4. Kamala Kumari

Q.24 Which of the following is an autobiography by Mahatma Gandhi?

- Ans**
- ☒ 1. The Story of My Experiments with Truth
 - ☐ 2. Matters of Discretion
 - ☐ 3. My Country My Life
 - ☐ 4. My Truth

Q.25 According to the Census of India 2011, which state has the second highest sex ratio?

- Ans**
- ☐ 1. Kerala
 - ☐ 2. Assam
 - ☒ 3. Tamil Nadu
 - ☐ 4. Bihar

Section : **English Language and Comprehension**

Q.1 Parts of the following sentence have been given as options. Select the option that contains an error.
You shall repented tomorrow for your misdeeds.

- Ans**
- ☐ 1. for your misdeeds
 - ☐ 2. You
 - ☒ 3. shall repented
 - ☐ 4. tomorrow

Q.2 Select the most appropriate idiom to fill in the blank.
Naina has six children, and I always _____ with their names.

- Ans**
- ☐ 1. get cold feet
 - ☐ 2. get rid of
 - ☒ 3. get mixed up
 - ☐ 4. get away clean

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

I know that I can count on my best friend to be by my side through ____ and thin.

- Ans**
- ☐ 1. tough
 - ☐ 2. fat
 - ☐ 3. heavy
 - ☒ 4. thick

Q.4 Select the most appropriate option to fill in the blank.
When it comes to planning her wedding, Maria wants _____.

- Ans**
- ☐ 1. a black sheep
 - ☒ 2. the whole nine yards
 - ☐ 3. down for the count
 - ☐ 4. the whole fifteen miles

Q.5 Select the most appropriate ANTONYM of the given word.
Dishevelled

- Ans**
- ☐ 1. Rigid
 - ☐ 2. Assertive
 - ☐ 3. Tainted
 - ☒ 4. Tidy

Q.6 Parts of the following sentence have been given as options. Select the option that contains an error.
The blue is a beautiful colour.

- Ans**
- ☒ 1. The blue
 - ☐ 2. beautiful colour
 - ☐ 3. is
 - ☐ 4. a

Q.7 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Abhorrent
 - ☐ 2. Gesture
 - ☐ 3. Magnificence
 - ☒ 4. Jugglary

Q.8 Select the most appropriate option to fill in the blank.
I _____ to many countries to find the source of true happiness.

- Ans**
- ☐ 1. travalled
 - ☒ 2. travelled
 - ☐ 3. triveled
 - ☐ 4. travellld

Q.9 Select the option that can be used as a one-word substitute for the given group of words.
A small shop that sells fashionable clothes

- Ans**
- ☐ 1. Store
 - ☐ 2. Couture
 - ☐ 3. Tailoring
 - ☒ 4. Boutique

Q.10 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Humorous
 - ☒ 2. Necassery
 - ☐ 3. Apparent
 - ☐ 4. Definite

Q.11 Select the word segment which substitutes the bracketed word correctly and completes the sentence meaningfully.
I (am here) since 1981.

- Ans**
- ☐ 1. has been here
 - ☐ 2. was here
 - ☒ 3. have been here
 - ☐ 4. had been here

Q.12 Select the most appropriate option to fill in the blank.
He is a smug and very _____ person who thinks only about himself.

- Ans**
- ☐ 1. diffident
 - ☐ 2. arsonist
 - ☒ 3. egoistic
 - ☐ 4. humble

Q.13 Select the most appropriate idiom to fill in the blank.
It's risky to invest all your savings in one company; it's like _____.

- Ans**
- ☐ 1. going down in flames
 - ☐ 2. biting the bullet
 - ☐ 3. breaking a leg
 - ☒ 4. putting all your eggs in one basket

Q.14 Parts of the following sentence have been given as options. Select the option that contains an error.

Tuntun and her friends dance beautiful.

- Ans**
- ☐ 1. Tuntun
 - ☐ 2. dance
 - ☐ 3. and her friends
 - ☒ 4. beautiful

Q.15 Select the most appropriate segment that can substitute the bracketed word in the following sentence.
The bridge that (connecting) the two valleys across the Brahmaputra river has recently been constructed in Arunachal Pradesh.

- Ans**
- ☐ 1. had connected
 - ☒ 2. connects
 - ☐ 3. will be connected
 - ☐ 4. will be connecting

Q.16 Select the most appropriate option to fill in the blank.
The Nile is the _____ river of the world.

- Ans**
- ☐ 1. more longer
 - ☐ 2. long
 - ☐ 3. longer
 - ☒ 4. longest

Q.17 Select the most appropriate synonym of the given word.
Hazard

- Ans**
- ☐ 1. Marvel
 - ☐ 2. Miracle
 - ☐ 3. Ardent
 - ☒ 4. Accident

Q.18 Select the option that can be used as a one-word substitute for the underlined group of words.

Sometimes we have to accept replacing something with something else, if we want to move forward.

- Ans**
- ☐ 1. evaluation
 - ☐ 2. invasion
 - ☐ 3. invention
 - ☒ 4. change

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.

She think Alex is abandoning her.

- Ans**
- ☐ 1. was thinking
 - ☐ 2. was to think
 - ☐ 3. thought
 - ☒ 4. thinks

Q.20 Select the most appropriate meaning of the underlined idiom in the following sentence.

Irrespective of the chaos in the classroom, our class teacher stays cool as a cucumber.

- Ans**
- ☐ 1. Scolds all the students in the classroom
 - ☐ 2. Behaves like a vegetable
 - ☐ 3. Develops a fever
 - ☒ 4. Stays calm and composed

Comprehension:

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

I do not know how the party ended. I do not want to know. I went (1)___ upstairs, and undressed and (2)___ into bed, and lay there in the burning dark while the last guest gurgled in the hall below about the wonderful evening she had spent. I lay there (3)___ the front door shut after her, and Lavinia's steps came up the stairs and passed the door to the guest room beyond. And then after a couple of centuries (4)___, the clock struck three and I (5)___ to sleep.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. through
 - ☒ 2. straight
 - ☒ 3. around
 - ☒ 4. over

Comprehension:

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

I do not know how the party ended. I do not want to know. I went (1)___ upstairs, and undressed and (2)___ into bed, and lay there in the burning dark while the last guest gurgled in the hall below about the wonderful evening she had spent. I lay there (3)___ the front door shut after her, and Lavinia's steps came up the stairs and passed the door to the guest room beyond. And then after a couple of centuries (4)___, the clock struck three and I (5)___ to sleep.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. lurched
 - ☒ 2. peeped
 - ☒ 3. crawled
 - ☒ 4. gnawed

Comprehension:

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

I do not know how the party ended. I do not want to know. I went (1)___ upstairs, and undressed and (2)___ into bed, and lay there in the burning dark while the last guest gurgled in the hall below about the wonderful evening she had spent. I lay there (3)___ the front door shut after her, and Lavinia's steps came up the stairs and passed the door to the guest room beyond. And then after a couple of centuries (4)___, the clock struck three and I (5)___ to sleep.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in the blank no. 3.

- Ans**
- ☒ 1. still
 - ☒ 2. while
 - ☒ 3. down
 - ☒ 4. toward

Comprehension:

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

I do not know how the party ended. I do not want to know. I went (1)___ upstairs, and undressed and (2)___ into bed, and lay there in the burning dark while the last guest gurgled in the hall below about the wonderful evening she had spent. I lay there (3)___ the front door shut after her, and Lavinia's steps came up the stairs and passed the door to the guest room beyond. And then after a couple of centuries (4)___, the clock struck three and I (5)___ to sleep.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. elapsed
 - ☒ 2. persisted
 - ☒ 3. eroded
 - ☒ 4. crossed

Comprehension:

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

I do not know how the party ended. I do not want to know. I went (1)___ upstairs, and undressed and (2)___ into bed, and lay there in the burning dark while the last guest gurgled in the hall below about the wonderful evening she had spent. I lay there (3)___ the front door shut after her, and Lavinia's steps came up the stairs and passed the door to the guest room beyond. And then after a couple of centuries (4)___, the clock struck three and I (5)___ to sleep.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
-  1. put off
 -  2. took off
 -  3. dozed off
 -  4. called off

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	12/09/2023
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 The average age of the boys in the class was 16 years. When 4 boys whose average age was 13 years are admitted to the class, the average age of the class was reduced by 6 months. How many boys were there initially in the class?

- Ans
- ☐ 1. 18
 - ☒ 2. 20
 - ☐ 3. 25
 - ☐ 4. 22

Q.2 Hema invested ₹1,728 at the rate of compound interest (Compounded annually) for 3 years. She got ₹4,096 after the specified period. Find the rate of interest per annum.

- Ans
- ☐ 1. $30\frac{1}{2}\%$
 - ☐ 2. $33\frac{1}{2}\%$
 - ☐ 3. $30\frac{1}{3}\%$
 - ☒ 4. $33\frac{1}{3}\%$

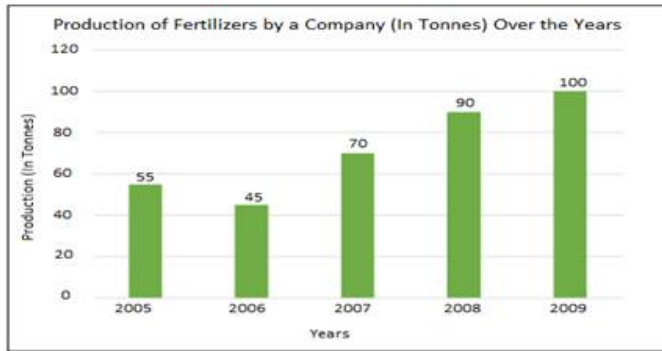
Q.3 The simple interest on a sum of money is four times the principal. The rate per cent per annum and time in years are equal. Find the rate per cent per annum.

- Ans
- ☐ 1. 15%
 - ☒ 2. 20%
 - ☐ 3. 10%
 - ☐ 4. 12%

Q.4 The sum of the two numbers is the same as nine times their difference. The ratio of the numbers is:

- Ans
- ☐ 1. 3 : 4
 - ☐ 2. 3 : 7
 - ☒ 3. 5 : 4
 - ☐ 4. 9 : 5

Q.5 The bar chart below shows the production of fertilizers by a company (in tonnes) over the years. Study the bar chart and answer the question based on it.



What was the percentage increase (rounded off to the nearest integer) in the production of fertilizers in 2009 compared to that in 2006?

- Ans**
- ☒ 1. 118%
 - ☒ 2. 120%
 - ☒ 3. 122%
 - ☒ 4. 124%

Q.6 The following table gives the annual expenditure of five families during the last 5 years (in ₹ thousand). Study the table and answer the question that follows.

Year→ Family ↓	2017	2018	2019	2020	2021
F ₁	35	50	55	60	45
F ₂	45	35	60	55	40
F ₃	53	40	45	65	50
F ₄	40	30	35	50	45
F ₅	35	45	55	50	45

In which year did the family F₄ have the annual expenditure equal to the average expenditure of family F₄ from 2017 to 2021?

- Ans**
- ☒ 1. 2017
 - ☒ 2. 2020
 - ☒ 3. 2021
 - ☒ 4. 2019

Q.7 If a hollow sphere of an external and internal diameters of 6 cm and 4 cm, respectively, is melted into a cone of base diameter 8 cm, then the height of the cone is:

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

Q.8 Find the value of $\frac{9(3-5)-5 \text{ of } 4 \div 10}{-3 \times 5 - 2 \times 4 \div 2}$;

- Ans
- ☐ 1. $\frac{13}{14}$
 - ☐ 2. $\frac{19}{20}$
 - ☐ 3. $\frac{18}{19}$
 - ☒ 4. $\frac{20}{19}$

Q.9 The HCF of two numbers is 12. Which of the following can never be their LCM?

- Ans
- ☐ 1. 24
 - ☐ 2. 48
 - ☒ 3. 74
 - ☐ 4. 60

Q.10 Ram purchased a TV for ₹65,500 and sold it for ₹89,080. What is the percentage profit he made on the TV?

- Ans
- ☐ 1. 40%
 - ☒ 2. 36%
 - ☐ 3. 42%
 - ☐ 4. 34%

Q.11 Two trains having the same speed are running in opposite directions. If the length of each train is 120 metres and they cross each other in 8 seconds, then, what is the speed of each train (in km/h)?

- Ans
- ☐ 1. 45
 - ☒ 2. 54
 - ☐ 3. 60
 - ☐ 4. 50

Q.12 There are 75 students in the hostel. Due to new admissions, 15 new students join the mess, and the daily expenses of the mess increased by ₹240, while the average expenditure per head diminished by ₹5. What was the original expenditure (in ₹) of the mess?

- Ans
- ☐ 1. 4,350
 - ☒ 2. 3,450
 - ☐ 3. 3,540
 - ☐ 4. 4,530

Q.13 The falling height of an object is directly proportional to the square of the time. An object falls 80 cm in 4 seconds. Then in 8 seconds, from how much height (in cm) will the object fall?

- Ans
- ☒ 1. 320
 - ☐ 2. 360
 - ☐ 3. 420
 - ☐ 4. 480

Q.14 The monthly income of a person was ₹27,000 and his monthly expenditure was ₹18,000. In the next year, his income increased by 28% and his expenditure increased by 14%. Find the percentage increase in his savings.

- Ans**
- ☐ 1. 50.5%
 - ☐ 2. 61.5%
 - ☐ 3. 51.5%
 - ☒ 4. 56%

Q.15 Find the diameter of the sphere whose volume is $381\frac{6}{7} \text{ m}^3$.

- Ans**
- ☒ 1. 9 m
 - ☐ 2. 8 m
 - ☐ 3. 7 m
 - ☐ 4. 18 m

Q.16 A is twice as efficient as B at completing a task, and together they can finish the task in 20 days. How many days would A alone take to complete the task?

- Ans**
- ☐ 1. 34 days
 - ☒ 2. 30 days
 - ☐ 3. 32 days
 - ☐ 4. 28days

Q.17 100 workers working 8 hours a day can dig a canal 2000 metres long in 25 days. Find the number of workers required to dig a similar canal of 2800 metres long in 32 days working 5 hours a day.

- Ans**
- ☐ 1. 170
 - ☐ 2. 180
 - ☐ 3. 165
 - ☒ 4. 175

Q.18 In a school, the average height of the students of the tenth standard is 100 cm. The average height of boys is 118 cm, whereas the average height of girls is 95 cm. What is the number of girls in the class if there are 20 boys?

- Ans**
- ☐ 1. 36
 - ☒ 2. 72
 - ☐ 3. 54
 - ☐ 4. 63

Q.19 Anil sells a car to Bina at a profit of 20%. Bina sells it to Karan at a profit of 25%. If Karan pays ₹2,25,000 for it, then, find the CP of the car for Anil.

- Ans**
- ☐ 1. ₹2,00,000
 - ☒ 2. ₹1,50,000
 - ☐ 3. ₹1,75,000
 - ☐ 4. ₹1,25,000

- Q.20** A thief is spotted by a policeman from a distance of 600 m. The thief starts running at a speed of 20 km/h and the policeman chases him running at a speed of 25 km/h. Find the distance between them after 6 minutes (in metres).
- Ans**  1. 50
 2. 100
 3. 300
 4. 200

Section : Reasoning Ability and Problem Solving

- Q.1** Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

ZA_J B_BK DAB_ _ABM HA_N

- Ans**  1. BALPC
 2. BALFB
 3. CHBNK
 4. FCBPL

- Q.2** Which figure should replace the question mark (?) if the following figure series were to be continued?

9	5	A	9	
A C 5 9	Z O	C 5 9	A O Z	?
O Z	A C	Z O	C 5	

Ans

 1.

C
5 9 A
O Z

 2.

C
Z 9 5
O A

 3.

C
Z A O
5 9

 4.

O
5 C A
9 Z

Q.3 What should come in place of ? in the given series?

41 45 54 70 95 ?

- Ans
- ☐ 1. 130
 - ☐ 2. 132
 - ☒ 3. 131
 - ☐ 4. 133

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 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, 49, 73)
(34, 23, 12)

- Ans
- ☒ 1. 18, 22, 26
 - ☐ 2. 11, 9, 18
 - ☐ 3. 5, 35, 17
 - ☐ 4. 13, 15, 19

Q.5 In a certain code language, 'DOMINATE' is coded as 'TANIMODE' and 'FAITHFUL' is coded as 'UFHTIAFL'. What is the code for 'HIGHWAY' in the given code language?

- Ans
- ☐ 1. IGHWAYH
 - ☒ 2. AWHGIHY
 - ☐ 3. AYWHGIH
 - ☐ 4. YAWHGIH

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 cups are books. All books are shirts.

Conclusions:

- (I) Some cups are not shirts.
- (II) Some shirts are cups.

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

Q.7 18 is related to 54 following a certain logic. Following the same logic, 21 is related to 63. To which of the following is 72 related to, following the same logic?

- Ans
- ☐ 1. 222
 - ☐ 2. 220
 - ☐ 3. 218
 - ☒ 4. 216

Q.8 What should come in place of ? in the given series based on the English alphabetical order?

MFX, JCU, GZR, DWO, ?

- Ans
- ☐ 1. ZSL
 - ☐ 2. YSM
 - ☐ 3. ZRM
 - ☒ 4. ATL

Q.9 Six people, Vijay, Harsh, Golu, Satish, Karan and Awadhi are sitting in a straight line, facing north. Vijay sits 3rd from the right end. Harsh sits 3rd to the left of Vijay. Satish is an immediate neighbour of Harsh. Golu sits 3rd to the right of Satish. Awadhi is an immediate neighbour of Golu. Who sits 2nd to the right of Vijay?

- Ans
- ☐ 1. Golu
 - ☐ 2. Karan
 - ☐ 3. Satish
 - ☒ 4. Awadhi

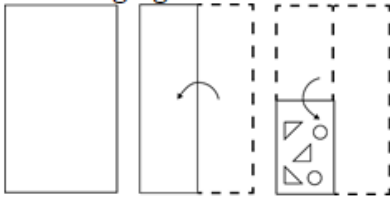
Q.10 MEOP is related to KCMN in a certain way based on the English alphabetical order. In the same way, LTDG is related to JRBE. To which of the following is UNTF related to, following the same logic?

- Ans
- ☒ 1. SLRD
 - ☐ 2. TOSG
 - ☐ 3. SMRE
 - ☐ 4. VPUH

Q.11 If 12th Dec 2009 is a Saturday, then what will be the day of the week on 16th Dec 2014?

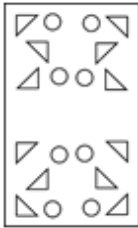
- Ans
- ☐ 1. Thursday
 - ☒ 2. Tuesday
 - ☐ 3. Friday
 - ☐ 4. Wednesday

Q.12 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?

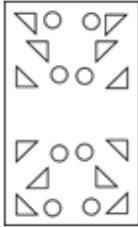


Ans

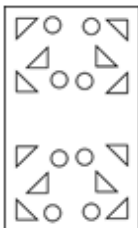
✗ 1.



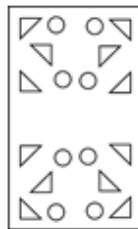
✗ 2.



✗ 3.



✓ 4.



Q.13 If A means '-', G means '×', D means '+', E means '+', then what will come in place of the question mark (?) in the following equation?

$$18 \text{ E } 27 \text{ D } 3 \text{ A } 2 \text{ G } 5 = ?$$

✓ 1. 17

✗ 2. 31

✗ 3. 43

✗ 4. 29

Q.14 What should come in place of ? in the given series based on the English alphabetical order?

BLS, FJQ, JHO, NFM, ?

✗ 1. QCI

✗ 2. SCK

✗ 3. QEI

✓ 4. RDK

Q.15 What should come in place of ? in the given series?

51 53 57 59 ? 65 69

- Ans
- ☐ 1. 62
 - ☐ 2. 65
 - ☒ 3. 63
 - ☐ 4. 64

Q.16 What should come in place of '?' in the given series?

10 59 353 ? 12701 76205 457229

- Ans
- ☐ 1. 2149
 - ☐ 2. 2073
 - ☐ 3. 2247
 - ☒ 4. 2117

Q.17 In a certain code language, 'DRAW' is coded as '7932' and 'WEAR' is coded as '4729'. What is the code for 'E' in the given code language?

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

Q.18 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: Some lipsticks are foundation. All foundation is brown. Some brown are highlighters.

Conclusion I: Some lipsticks are brown.

Conclusion II: All foundation are highlighters.

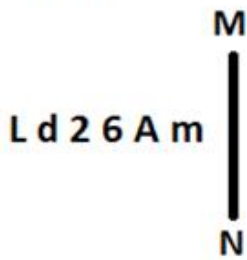
- Ans
- ☐ 1. Neither conclusion (I) nor (II) is follow.
 - ☒ 2. Only conclusion (I) is follow.
 - ☐ 3. Both conclusions (I) and (II) are follow.
 - ☐ 4. Only conclusion (II) is follow.

Q.19 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$90 \div 4 + 75 - 93 \times 3 = ?$

- Ans
- ☐ 1. 406
 - ☐ 2. 279
 - ☐ 3. 165
 - ☒ 4. 316

Q.20 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☐ 1. m A 6 S b L
 - ☒ 2. m A ə S b J
 - ☐ 3. m A ə d 2 J
 - ☐ 4. w V ə S b J

Section : **General Awareness**

Q.1 How long can a person remain a minister without being a member of either House of the State Legislature?

- Ans
- ☒ 1. 6 months
 - ☐ 2. 2 months
 - ☐ 3. 1 year
 - ☐ 4. 15 days

Q.2 'Midnight's Children' is a novel by which of the following writers?

- Ans
- ☒ 1. Salman Rushdie
 - ☐ 2. Jane Austen
 - ☐ 3. Chetan Bhagat
 - ☐ 4. Vikram Seth

Q.3 Who received the title Pandita from the faculty of Calcutta University for her knowledge of Sanskrit?

- Ans
- ☐ 1. Sarojini Naidu
 - ☒ 2. Ramabai Sarasvati
 - ☐ 3. Rokaya Sakhawat Hossain
 - ☐ 4. Rash Sundari Devi

Q.4 Which of the following hills are located in Purvachal?

- Ans
- ☐ 1. Khasi and Jaintia hills
 - ☐ 2. Shevroy hills and Javadi hills
 - ☐ 3. Anai Mudi and Doda Betta
 - ☒ 4. Mizo hills and Naga hills

Q.5 The Fundamental Duties of Indian Citizens were adopted from the Constitution of which country?

- Ans
- ☐ 1. United Kingdom
 - ☒ 2. Soviet Union
 - ☐ 3. Japan
 - ☐ 4. United States of America

Q.6 The Balti dance of _____ is distinct as it has its own costume, music and songs in the Balti language. The dance is only performed on rare occasions, such as feasts or celebrations.

- Ans
- ☐ 1. Uttarakhand
 - ☐ 2. Himachal Pradesh
 - ☐ 3. Kashmir
 - ☒ 4. Ladakh

Q.7 The mausoleum of the Taj Mahal was designed by _____.

- Ans**
- ☒ 1. Ustad Ahmad Lahori
 - ☐ 2. Bhaktiyar Lahori
 - ☐ 3. Shah Jahan
 - ☐ 4. Mohammad Isha

Q.8 The world's largest camel fair is held in which of the following cities?

- Ans**
- ☒ 1. Pushkar
 - ☐ 2. Bikaner
 - ☐ 3. Udaipur
 - ☐ 4. Barmer

Q.9 Which of the following is an example of revenue receipt in the government budget?

- Ans**
- ☐ 1. Sale of government-owned land
 - ☐ 2. Repayment of a loan by a state-owned company
 - ☒ 3. Dividends received from a state-owned enterprise
 - ☐ 4. Borrowing money from international organisations

Q.10 Jet streams are a particular form of:

- Ans**
- ☒ 1. geostrophic winds
 - ☐ 2. weather fronts
 - ☐ 3. periodic water motion
 - ☐ 4. atmospheric pollution

Q.11 Who was famous for publishing a formula in 1827 that shows the mathematical relationship between current, resistance and voltage?

- Ans**
- ☐ 1. Gustav Kirchhoff
 - ☒ 2. Georg Simon Ohm
 - ☐ 3. William Watson
 - ☐ 4. William Gilbert

Q.12 Identify the correct pair (name of shifting agriculture and related state) from the following.

- Ans**
- ☒ 1. Bewar – Madhya Pradesh
 - ☐ 2. Bringa – Uttar Pradesh
 - ☐ 3. Podu – Tamil Nadu
 - ☐ 4. Kuruwa – Punjab

Q.13 Which of the following countries hosted the IBA Women's World Boxing Championships for the third time in March 2023?

- Ans**
- ☒ 1. India
 - ☐ 2. United Kingdom
 - ☐ 3. Malaysia
 - ☐ 4. Hungary

Q.14 According to the Global Multidimensional Poverty Index Report 2022, a total of 415 million people exited multidimensional poverty in India in the last _____.

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

Q.15 Which state hosted the 36th National Games of India?

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

Q.16 Who among the following Indian musicians is the inventor of Mohan Veena?

- Ans**
- ☒ 1. Pandit Vishwa Mohan Bhatt
 - ☐ 2. Totaram Sharma
 - ☐ 3. Braj Bhushan Kabra
 - ☐ 4. Sandeep Das

Q.17 The blue green alga Anabaena lives in the leaves of Azolla, a freshwater fern, forming which of the following relationships?

- Ans**
- ☒ 1. Symbiotic
 - ☐ 2. Parasitic
 - ☐ 3. Saprophytic
 - ☐ 4. Autotrophic

Q.18 Which of the following musicians of medieval India is referred to as ‘Tuti-e-Hind’ and is also regarded as the father of qawwali?

- Ans**
- ☐ 1. Purandara Dasa
 - ☐ 2. Swami Haridas
 - ☐ 3. Miyan Tansen
 - ☒ 4. Amir Khusrau

Q.19 What is the primary function of a commercial bank?

- Ans**
- ☐ 1. Issuing currency notes and coins
 - ☐ 2. Regulating the money supply
 - ☒ 3. Granting loans and accepting deposits
 - ☐ 4. Conducting monetary policy

Q.20 Rani Machaiah from Karnataka was awarded the Padma Shri for her contribution to popularising _____ in and outside Karnataka.

- Ans**
- ☐ 1. Kunitha
 - ☐ 2. Kamsale Nriya
 - ☒ 3. Ummathat
 - ☐ 4. Karadi Majalu

Q.21 Shri Domar Singh Kunvar from Chhattisgarh was honoured with _____ in the year 2023 for his contribution to ‘Natya Nach’.

- Ans**
- ☐ 1. Bharat Ratna
 - ☒ 2. Padma Shri
 - ☐ 3. Padma Vibhushan
 - ☐ 4. Padma Bhushan

Q.22 What was the Swadeshi Movement called in the state of Andhra Pradesh?

- Ans**
- ☐ 1. Khilafat Movement
 - ☐ 2. Quit India Movement
 - ☐ 3. Gadar Movement
 - ☒ 4. Vande Mataram Movement

Q.23 Which of the following statements are true regarding Maritime Anti-Piracy Act, 2022?

- 1) Parliament passed the Maritime Anti-Piracy Bill, 2022 with Rajya Sabha approving it in December 2022.
- 2) The Act enables Indian authorities to take action against piracy on the high seas.
- 3) It applies to the sea beyond the Exclusive Economic Zone, which is beyond 500 nautical miles from India’s coastline.
- 4) The Act defines piracy as any illegal act of violence, detention or destruction against a ship, aircraft or person for private purposes by the crew or passengers of a private ship or aircraft.

- Ans**
- ☐ 1. 1, 2 and 3
 - ☐ 2. 2, 3 and 4
 - ☒ 3. 1, 2 and 4
 - ☐ 4. 1, 3 and 4

Q.24 Birsa Munda Hockey Stadium was built in which state?

- Ans**
- ☐ 1. Gujarat
 - ☐ 2. Maharashtra
 - ☒ 3. Odisha
 - ☐ 4. Jharkhand

Q.25 Mulk Raj Anand is the author of _____.

- Ans**
- ☐ 1. A Passage to India
 - ☐ 2. The Invisible Man
 - ☐ 3. The Guide
 - ☒ 4. Untouchable

Section : **English Language and Comprehension**

Q.1 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) It is said / (B) that fortune / (C) favour the / (D) brave.

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

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

Make-up was _____ she hardly wore.

- Ans**
- ☐ 1. anybody
 - ☐ 2. someone
 - ☐ 3. anything
 - ☒ 4. something

Q.3 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
The medical procedure was successful, but the patient experienced some minor _____ (troubles) during recovery.

- Ans**
- ☐ 1. transformations
 - ☒ 2. complications
 - ☐ 3. applications
 - ☐ 4. obligations

Q.4 Parts of the given sentence have been underlined. One of them contains an error. The underlined parts are given as options with some changes. Select the option that correctly rectifies the error.
This car is lesser expensive than the one I had come to buy.

- Ans**
- ☒ 1. less
 - ☐ 2. for
 - ☐ 3. ones
 - ☐ 4. came

Q.5 Select the appropriate meaning of the given idiom.

Grasping at straws

- Ans**
- ☐ 1. Wasting time enjoying and relaxing
 - ☐ 2. Futile attempts to win
 - ☐ 3. Holding the last strands of straw
 - ☒ 4. Desperate attempt to succeed

Q.6 Four words of the following sentence have been underlined and given as options. Select the option that contains a spelling error.
Ongoing climate change, caused by the acumulation of greenhouse gases in the atmosphere, is happening on a timescale of decades to centuries and is driving environmental changes worldwide.

Ans  1. environmental
 2. decades
 3. acumulation
 4. atmosphere

Q.7 Select the most appropriate idiom to fill in the blank.
She told me, _____, that she was going to live in New York.

Ans  1. black and blue
 2. out of the blue
 3. blue blood
 4. once in a blue moon

Q.8 Select the most appropriate option to fill in the blank.
Ravi has little in _____ with his friend, Senthil.

Ans  1. formal
 2. common
 3. normal
 4. contention

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
The little child / wrote his name / quick / on the wall.

Ans  1. quick
 2. on the wall
 3. The little child
 4. wrote his name

Q.10 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The manager asked me if I have completed my projects.

Ans  1. if he has completed my projects
 2. if I shall have completed my projects
 3. if I had completed my projects
 4. if I has completed my projects

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Teenage is that phase of life when you are proposed to the world outside.

Ans  1. you are excited with
 2. you are interrupted to
 3. you are exposed to
 4. one are proposed to

Q.12 Select the most appropriate meaning of the given idiom.

Bone to pick

Ans  1. Putting in extra effort
 2. To stop trying hard
 3. To not give up
 4. To be angry about something and want to discuss it

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

Ans  1. Concise
 2. Reasonable
 3. Fanciful
 4. Certain

Q.14 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Playwright
 - ☒ 2. Experiance
 - ☒ 3. Leisure
 - ☒ 4. Sergeant

Q.15 Select the correct spelling of the underlined word in the following sentence.

He dispised the taste of black coffee.

- Ans**
- ☒ 1. despisid
 - ☒ 2. despeded
 - ☒ 3. despised
 - ☒ 4. disspised

Q.16 Select the option that can be used as a one-word substitute for the given group of words.
Pause indecisively

- Ans**
- ☒ 1. Hoist
 - ☒ 2. Hobble
 - ☒ 3. Hesitate
 - ☒ 4. Hibernate

Q.17 Select the most appropriate ANTONYM of the given word.
Dense

- Ans**
- ☒ 1. Opaque
 - ☒ 2. Closed
 - ☒ 3. Thick
 - ☒ 4. Sparse

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

The SNAP-10 A / was launched on 3 April 1965 / on a Atlas-Agena D rocket / from Vandenberg Air Force Base.

- Ans**
- ☒ 1. A SNAP-10 A
 - ☒ 2. on an Atlas-Agena D rocket
 - ☒ 3. was launch on 3 April 1965
 - ☒ 4. at Vandenberg Air Force Base.

Q.19 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 fight of the cobra and the mongoose / is a classic drama often seen in India, / and the outcome was largely the same.

- Ans**
- ☒ 1. is a classic drama often seen in India
 - ☒ 2. The fight of the cobra and the mongoose
 - ☒ 3. and the outcome was largely the same
 - ☒ 4. No error

Q.20 Select the most appropriate meaning of the given idiom.

Castles in the air

- Ans**
- ☒ 1. Strong hope to get success
 - ☒ 2. Unexpected change in the climate
 - ☒ 3. Unrealistic and impossible plan
 - ☒ 4. Realistic and possible plan

Comprehension:

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

Health is the most valuable of all earthly possessions. Without it all the rest are worth (1)_____. To enjoy good health we should refrain from excess in eating. We should eat moderately and devour whatever (2)_____ get. When you sit among many for a dinner, do not reach your hand out (3)_____ of all. A little food is sufficient for us. Sound sleep comes of a light stomach. Such a man rises (4)_____ in the morning and is at ease with himself.

So to (5)_____ good health we should eat moderately, for a man who does not overeat enjoys sound sleep and rises early completely refreshed.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. all
 - ☒ 2. everything
 - ☒ 3. it
 - ☒ 4. nothing

Comprehension:

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

Health is the most valuable of all earthly possessions. Without it all the rest are worth (1)_____. To enjoy good health we should refrain from excess in eating. We should eat moderately and devour whatever (2)_____ get. When you sit among many for a dinner, do not reach your hand out (3)_____ of all. A little food is sufficient for us. Sound sleep comes of a light stomach. Such a man rises (4)_____ in the morning and is at ease with himself.

So to (5)_____ good health we should eat moderately, for a man who does not overeat enjoys sound sleep and rises early completely refreshed.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. us
 - ☒ 2. it
 - ☒ 3. we
 - ☒ 4. he

Comprehension:

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

Health is the most valuable of all earthly possessions. Without it all the rest are worth (1)_____. To enjoy good health we should refrain from excess in eating. We should eat moderately and devour whatever (2)_____ get. When you sit among many for a dinner, do not reach your hand out (3)_____ of all. A little food is sufficient for us. Sound sleep comes of a light stomach. Such a man rises (4)_____ in the morning and is at ease with himself.

So to (5)_____ good health we should eat moderately, for a man who does not overeat enjoys sound sleep and rises early completely refreshed.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. last
 - ☒ 2. first
 - ☒ 3. second
 - ☒ 4. end

Comprehension:

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

Health is the most valuable of all earthly possessions. Without it all the rest are worth (1)_____. To enjoy good health we should refrain from excess in eating. We should eat moderately and devour whatever (2)_____ get. When you sit among many for a dinner, do not reach your hand out (3)_____ of all. A little food is sufficient for us. Sound sleep comes of a light stomach. Such a man rises (4)_____ in the morning and is at ease with himself.

So to (5)_____ good health we should eat moderately, for a man who does not overeat enjoys sound sleep and rises early completely refreshed.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. early
 - ☒ 2. late
 - ☒ 3. idle
 - ☒ 4. active

Comprehension:

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

Health is the most valuable of all earthly possessions. Without it all the rest are worth (1)_____. To enjoy good health we should refrain from excess in eating. We should eat moderately and devour whatever (2)_____ get. When you sit among many for a dinner, do not reach your hand out (3)_____ of all. A little food is sufficient for us. Sound sleep comes of a light stomach. Such a man rises (4)_____ in the morning and is at ease with himself.

So to (5)_____ good health we should eat moderately, for a man who does not overeat enjoys sound sleep and rises early completely refreshed.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☒ 1. enjoy
 - ☐ 2. lose
 - ☐ 3. reward
 - ☐ 4. benefit

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	12/09/2023
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 If due to a 12% decrease in the price of sugar, Akshat can buy 7 kg more sugar for ₹1,200, then find the actual price (in ₹) of sugar. (Rounded off to 2 decimal places)

- Ans**
- ☒ 1. 25.79
 - ☒ 2. 26.35
 - ☒ 3. 23.38
 - ☒ 4. 28.25

Q.2 Working 6 hours a day, 15 persons can complete a certain work in 26 days. In how many days would 13 persons complete the same work, working 10 hours a day?

- Ans**
- ☒ 1. 18
 - ☒ 2. 20
 - ☒ 3. 15
 - ☒ 4. 17

Q.3 The ratio of number of students in schools A and B is 5 : 8. If the number of students in schools A and B is increased by 20% and 15%, respectively, find the new ratio of students in schools A and B, respectively.

- Ans**
- ☒ 1. 13 : 15
 - ☒ 2. 15 : 23
 - ☒ 3. 15 : 13
 - ☒ 4. 12 : 13

Q.4 Find the simple interest on ₹8,000 at the rate of 10% per annum in 6 years.

- Ans**
- ☒ 1. ₹4,600
 - ☒ 2. ₹4,800
 - ☒ 3. ₹4,200
 - ☒ 4. ₹4,400

Q.5 A and B can do a piece of work in 18 and 36 days, respectively. They start working together but A leaves after 3 days. How much time will B take to complete the remaining work?

- Ans**
- ☒ 1. 22 days
 - ☒ 2. 27 days
 - ☒ 3. 30 days
 - ☒ 4. 24 days

Q.6 y varies directly as $x + 3$ and $y = 8$, when $x = 1$. x varies inversely as z and $x = 2$ when $z = 6$. Find the relation between y and z .

- Ans
- ☐ 1. $(y - 6)/z = 12$
 - ☐ 2. $(y - 6)/z = 24$
 - ☒ 3. $z(y - 6) = 24$
 - ☐ 4. $z(y - 6) = 12$

Q.7 A thief is spotted by a policeman from a distance of 249 m. When the policeman starts the chase, the thief also starts running. Assuming the speed of the thief is 4 m/s and that of the policeman is 7 m/s, how far the thief would have run before he is overtaken by the policeman?

- Ans
- ☐ 1. 747 m
 - ☒ 2. 332 m
 - ☐ 3. 249 m
 - ☐ 4. 521 m

Q.8 By selling at a loss of 12% instead of a loss of 18% an article sells for ₹120 more. Find its CP.

- Ans
- ☐ 1. ₹ 1,800
 - ☐ 2. ₹ 2,100
 - ☐ 3. ₹ 1,500
 - ☒ 4. ₹ 2,000

Q.9 If the diameter of a solid sphere is 42 cm, then the surface area of the sphere is: (use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 3256 cm^2
 - ☐ 2. 6897 cm^2
 - ☒ 3. 5544 cm^2
 - ☐ 4. 5854 cm^2

Q.10 Study the following table carefully and answer the question that follows.
The table shows the total production (in thousands) of Company 1, Company 2, Company 3 and Company 4 in four different years.

Year	Total production of Company 1	Total production of Company 2	Total production of Company 3	Total production of Company 4
2019	65	76	64	76
2020	88	85	72	68
2021	84	75	68	96
2022	71	84	76	72

Which company has the maximum average of production from the year 2019 to 2022?

- Ans
- ☐ 1. Company 3
 - ☐ 2. Company 4
 - ☒ 3. Company 2
 - ☐ 4. Company 1

Q.11 A bank offers compound interest at the rate 5% per annum calculated half yearly on its deposits. A customer deposits ₹2,400 each on 1st January and 1st July of a year. Find the amount he received at the end of the year.

- Ans**
- ☐ 1. ₹4,081.50
 - ☐ 2. ₹180.50
 - ☐ 3. ₹181.50
 - ☒ 4. ₹4,981.50

Q.12 A conical tent is set to accommodate 15 persons. Each person must have 5 square metres of space on the ground and 30 cubic metres of air to breathe. What is the height of the cone?

- Ans**
- ☐ 1. 15 m
 - ☒ 2. 18 m
 - ☐ 3. 22 m
 - ☐ 4. 13 m

Q.13 Two places A and B are 60 km apart from each other on a highway. A car starts from A and another car from B at the same time. If they move in the same direction, they meet each other in 6 hours. If they move in the opposite direction towards each other, they meet in 1 hour 30 minutes. Find the speeds of the cars (in km/h).

- Ans**
- ☐ 1. 25, 20
 - ☐ 2. 15, 18
 - ☒ 3. 25, 15
 - ☐ 4. 15, 20

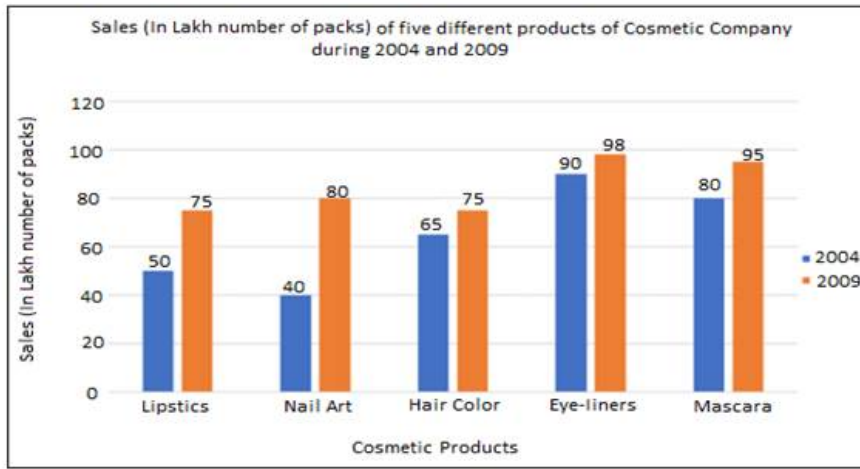
Q.14 Sandeep drives a distance of 500 metres to a store in 175 seconds. Then he drives 400 metres to another store in 125 seconds. What is his average speed (in m/s)?

- Ans**
- ☐ 1. 2.5
 - ☐ 2. 2
 - ☒ 3. 3
 - ☐ 4. 3.5

Q.15 A taxi goes from city P to city Q at an average speed of 60 km/h. On the return journey, due to traffic, the average speed of the taxi falls by 20 km/h. Find the average speed of a taxi (in km/h) for the entire journey.

- Ans**
- ☐ 1. 40
 - ☐ 2. 42
 - ☒ 3. 48
 - ☐ 4. 46

- Q.16 The sales of five cosmetic products (in lakh number of packs) by a company between 2004 and 2009 are shown in the following bar graph. Study the bar chart and answer the question based on it.



What is the percentage increase (rounded off to the nearest integer) of the average sale of all the cosmetic products taken together in 2009 to that in 2004?

- Ans
- ☐ 1. 28%
 - ☐ 2. 36%
 - ☐ 3. 33%
 - ☒ 4. 30%

Q.17 What is the value of $\frac{\left[\frac{1}{5} \div \frac{1}{5} \times \frac{1}{5}\right] \times \frac{1}{5}}{\left[\frac{1}{9} + \frac{1}{9} \times \frac{1}{9}\right] \times \frac{1}{10}} + \left(1 - \frac{6}{25}\right) = ?$

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

- Q.18 The product of two numbers is 4107. If the HCF of these numbers is 37, then the greater number is:

- Ans
- ☐ 1. 74
 - ☒ 2. 111
 - ☐ 3. 37
 - ☐ 4. 185

- Q.19 Raman buys an article for ₹1,00,000 and sells it to Mohit for ₹1,20,000. Mohit again sells the same article to Rashmi for ₹1,00,000. What is the percentage loss faced by Mohit?

- Ans
- ☐ 1. 15%
 - ☐ 2. $18\frac{1}{3}\%$
 - ☒ 3. $16\frac{2}{3}\%$
 - ☐ 4. 20%

Q.20 The average score of 22 players in an IPL match is 72. Out of these 22 players, the average score of 10 players is 80, the next 5 players got an average score of 75 and the rest 5 players got an average of 55. Then the average score of the remaining two players is:

- Ans**
-  1. 80
 -  2. 65
 -  3. 67
 -  4. 72

Section : Reasoning Ability and Problem Solving

Q.1 What should come in place of ? in the given series based on the English alphabetical order?

ZKP, DHR, HET, LBV, ?

- Ans**
-  1. PYX
 -  2. QZY
 -  3. RYX
 -  4. QYZ

Q.2 In a certain code language, 'CRAFT' is coded as 'DSBGU' and 'FRIDAY' is coded as 'GSJEBZ'. What is the code for 'MANGO' in the given code language?

- Ans**
-  1. NCOGQ
 -  2. MCOGP
 -  3. MBPGQ
 -  4. NBOHP

Q.3 Which figure should replace the question mark (?) if the following figure series were to be continued?

A		□	□	A	E	D	D	E	
	E	3		C	E		□	C	
C	D		D	3	A	8	8	C	

Ans

✓ 1.

✗ 2.

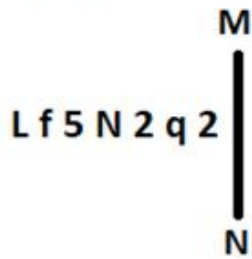
✗ 3.

✗ 4.

Q.4 In a certain code language, 'DROP' is coded as '9375' and 'POND' is coded as '7839'. What is the code for 'N' in the given code language?

- Ans
- ✗ 1. 9
 - ✗ 2. 7
 - ✗ 3. 3
 - ✓ 4. 8

Q.5 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. **S p 2 N 5 † J**
 - ☒ 2. **S p 2 N 2 f J**
 - ☒ 3. **S p S N 2 † J**
 - ☒ 4. **q 2 S N 2 † L**

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)

(32, 99, 67)

(22, 77, 55)

- Ans
- ☒ 1. 53, 98, 33
 - ☒ 2. 12, 45, 14
 - ☒ 3. 23, 87, 64
 - ☒ 4. 35, 87, 12

Q.7 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 cows are crows. Some crows are elephants.

Conclusions:

(I) Some cows are elephants.

(II) All crows are elephants.

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

Q.8 What should come in place of '?' in the given series?

8 27 84 255 768 ?

- Ans
- ☒ 1. 2271
 - ☒ 2. 2307
 - ☒ 3. 2235
 - ☒ 4. 2297

Q.9 What should come in place of ? in the given series based on the English alphabetical order?

JVC, LXD, NZE, PBF, ?

- Ans
- ☐ 1. SCH
 - ☐ 2. QCF
 - ☒ 3. RDG
 - ☐ 4. QDH

Q.10 If 4 December 1987 is a Friday, then what will be the day of the week on 12 December 2009?

- Ans
- ☐ 1. Sunday
 - ☐ 2. Friday
 - ☒ 3. Saturday
 - ☐ 4. Wednesday

Q.11 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: Some alphabets are chairs. Some chairs are high. All high are buildings.

Conclusion I: Some alphabets are buildings.

Conclusion II: Some high are buildings.

- 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.12 If 'A' stands for '+', 'B' stands for '×', 'C' stands for '÷' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?
27 B 3 C (54 A 2) B 5 D 55 = ?

- Ans
- ☐ 1. 167
 - ☒ 2. 161
 - ☐ 3. 159
 - ☐ 4. 153

Q.13 Ranjan, Pari, Yash, Charu, Reetu and Gunjan are sitting around a circular table facing the centre. Ranjan sits 3rd to the left of Pari. Yash sits 2nd to the left of Ranjan. Charu sits 2nd to the right of Ranjan. Reetu is an immediate neighbour of Charu. Who sits 2nd to the right of Pari?

- Ans
- ☐ 1. Charu
 - ☐ 2. Yash
 - ☐ 3. Reetu
 - ☒ 4. Gunjan

Q.14 What should come in place of ? in the given series?

227 226 218 191 127 ?

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

Q.15 PD 17 is related to TH 19 in a certain way. In the same way, HK 23 is related to LO 29. To which of the following is FJ 11 related to following the same logic?

- Ans
- ☐ 1. IN 15
 - ☐ 2. HL 17
 - ☐ 3. IM 13
 - ☒ 4. JN 13

Q.16 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$83 + 17 \div 4 - 64 \times 16 = ?$$

- Ans
- ☐ 1. 18
 - ☐ 2. 9
 - ☐ 3. 29
 - ☒ 4. 19

Q.17 What should come in place of ? in the given series based on the English alphabetical order?

BPR, FRV, JTZ, NVD, ?

- Ans
- ☒ 1. RXH
 - ☐ 2. SXI
 - ☐ 3. QXG
 - ☐ 4. QYG

Q.18 What should come in place of ? in the given series?

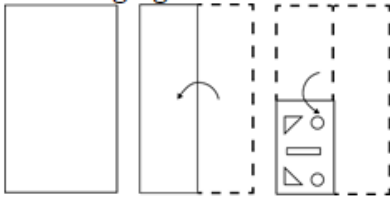
108 103 98 93 88 ?

- Ans
- ☐ 1. 81
 - ☐ 2. 84
 - ☒ 3. 83
 - ☐ 4. 82

Q.19 2 is related to 5 following a certain logic. Following the same logic, 6 is related to 37. To which of the following is 9 related to, following the same logic?

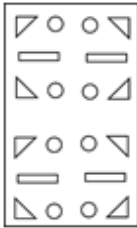
- Ans
- ☒ 1. 82
 - ☐ 2. 84
 - ☐ 3. 83
 - ☐ 4. 81

Q.20 The sequence of folding a piece of paper and the manner in which the folded paper is cut is shown in the following figures. How would this paper look when unfolded?

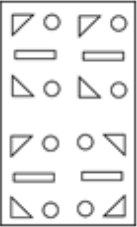


Ans

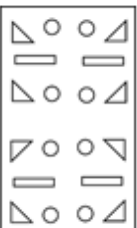
✓ 1.



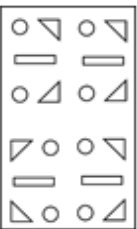
✗ 2.



✗ 3.



✗ 4.



Section : General Awareness

Q.1 Which state is ranked fourth in India according to the first Multidimensional Poverty Index (MPI) 2021 report of the NITI Aayog?

- Ans**
- ✗ 1. Himachal Pradesh
 - ✗ 2. Assam
 - ✓ 3. Madhya Pradesh
 - ✗ 4. Meghalaya

Q.2 What is the name of the scheme of Government of India for financial inclusion of street vendors, the celebration for which was held from 9 July to 31 July 2022?

- Ans**
- ✗ 1. PM SVAdhar Scheme
 - ✓ 2. PM SVANidhi Scheme
 - ✗ 3. PM SVAdhin Scheme
 - ✗ 4. PM AVASNidhi Scheme

Q.3 Who among the following was the founding member of Sri Sai Nataraja Academy of Kuchipudi that offers training and higher studies in Kuchipudi?

- Ans**
- ☐ 1. Kaushalya Reddy
 - ☐ 2. Aparna Satheesan
 - ☐ 3. Yamini Krishnamurthy
 - ☒ 4. P Ramadevi

Q.4 The advent of the spring season has the _____ villages filled with the melodious singing of 'Bagurumba'.

- Ans**
- ☐ 1. Garo
 - ☐ 2. Khasi
 - ☒ 3. Bodo
 - ☐ 4. Karbi

Q.5 Which festival brings out the fusion rich culture of Chhattisgarh and Odisha?

- Ans**
- ☐ 1. Rath Yatra
 - ☐ 2. Shoolini fair
 - ☐ 3. Madhavpur fair
 - ☒ 4. Bastar Goncha

Q.6 In which of the following states is the Statue of Unity situated?

- Ans**
- ☐ 1. Maharashtra
 - ☐ 2. Rajasthan
 - ☒ 3. Gujarat
 - ☐ 4. Punjab

Q.7 When was the Defence of India Act enacted?

- Ans**
- ☐ 1. 1921
 - ☒ 2. 1915
 - ☐ 3. 1920
 - ☐ 4. 1918

Q.8 Which of the following music directors won the Oscar award in the year 2009?

- Ans**
- ☐ 1. Vishal Bhardwaj
 - ☐ 2. Bappi Lahiri
 - ☐ 3. Rajesh Roshan
 - ☒ 4. AR Rahman

Q.9 'Wings of Fire' is the autobiography of a former president of India. Who is he?

- Ans**
- ☐ 1. VV Giri
 - ☒ 2. APJ Abdul Kalam
 - ☐ 3. Zakir Hussain
 - ☐ 4. Shankar Dayal Sharma

Q.10 In India, the National Sports Day is celebrated on which date?

- Ans**
- ☐ 1. 14th November
 - ☐ 2. 6th December
 - ☐ 3. 1st September
 - ☒ 4. 29th August

Q.11 When the 'trans-boundary economic activities' of an economy and depreciation are included into account, the aggregate measure is known as _____.

- Ans**
- ☒ 1. GNP
 - ☐ 2. GDP
 - ☐ 3. PCI
 - ☐ 4. NNP

Q.12 Which flag of the Indian National Congress was adopted in 1931?

- Ans**
- ☒ 1. A tricolour flag made by Khadi with a Charkha symbol
 - ☐ 2. One colour flag with charkha symbol
 - ☐ 3. A two colour flag with charkha made by cloth
 - ☐ 4. A blue colour flag made by cloth

Q.13 How many countries participated in the FIFA U-17 Women's World Cup 2022?

- Ans**
- ☐ 1. 18
 - ☐ 2. 12
 - ☒ 3. 16
 - ☐ 4. 14

Q.14 Which Schedule of the Indian Constitution deals with the division of powers between the Union and the states?

- Ans**
- ☒ 1. 7th
 - ☐ 2. 5th
 - ☐ 3. 9th
 - ☐ 4. 2nd

Q.15 Who was our first Prime Minister?

- Ans**
- ☐ 1. Gulzarilal Nanda
 - ☐ 2. Indira Gandhi
 - ☒ 3. Jawaharlal Nehru
 - ☐ 4. Rajendra Prasad

Q.16 Which of the following represents disposable income?

- Ans**
- ☐ 1. The total income earned by individuals and households before taxes and other deductions
 - ☒ 2. The income earned by individuals and households after taxes and other deductions
 - ☐ 3. The income earned by individuals through their own business or self-employment
 - ☐ 4. The total income earned by businesses and corporations in an economy

Q.17 Among the following pairs, which ones denote two scalar quantities?

- Ans**
- ☒ 1. Distance and Speed
 - ☐ 2. Momentum and Angular velocity
 - ☐ 3. Linear momentum and Acceleration
 - ☐ 4. Electric field and Force

Q.18 Which mountain range from the following is associated with Rajasthan state?

- Ans**
- ☐ 1. Sahyadri Range
 - ☐ 2. Vindhya Range
 - ☐ 3. Satpura Range
 - ☒ 4. Aravalli Range

Q.19 Which of the following vitamins prevents major birth defects of the brain and spine of a newborn baby?

- Ans**
- ☐ 1. Vitamin C
 - ☒ 2. Folic acid
 - ☐ 3. Vitamin E
 - ☐ 4. Vitamin A

Q.20 Tamil Nadu's _____ marked a national record in men's long jump in the second AFI National Jumps Competition in March 2023.

- Ans**
- ☒ 1. Murali Sreeshankar
 - ☒ 2. Jeswin Aldrin
 - ☒ 3. Anees Yahiya
 - ☒ 4. Suresh Babu

Q.21 Renowned _____ folk dance artist Domar Singh Kunwar, who has dedicated his life to preserving the tradition of the dance for over five decades, was awarded the Padma Shri 2023.

- Ans**
- ☒ 1. Soowa
 - ☒ 2. Natya Nacha
 - ☒ 3. Raut Nacha
 - ☒ 4. Pandwani

Q.22 Who among the following is the author of the book 'Revolution 2020'?

- Ans**
- ☒ 1. Omair Ahmad
 - ☒ 2. Joy Goswami
 - ☒ 3. Siddhartha Sarma
 - ☒ 4. Chetan Bhagat

Q.23 According to the National Multidimensional Poverty Index 2021, which state has the lowest percentage of population being multidimensionally poor?

- Ans**
- ☒ 1. Kerala
 - ☒ 2. Rajasthan
 - ☒ 3. Uttar Pradesh
 - ☒ 4. Madhya Pradesh

Q.24 Which of the following playback singers of India received the Padma Shri in 2009 and Padma Bhushan in 2016?

- Ans**
- ☒ 1. Udit Narayan Jha
 - ☒ 2. Sonu Nigam
 - ☒ 3. Kumar Sanu Bhattacharjee
 - ☒ 4. Abhijit Bhattacharya

Q.25 Which of the following states receives rainfall during the winter season?

- Ans**
- ☒ 1. Jharkhand
 - ☒ 2. Tamil Nadu
 - ☒ 3. Rajasthan
 - ☒ 4. Maharashtra

Section : **English Language and Comprehension**

Q.1 Select the most appropriate meaning of the underlined segment in the given sentence.
I can't believe you let the cat out of the bag about my surprise party!

- Ans**
- ☒ 1. Ask a question
 - ☒ 2. Keep a secret
 - ☒ 3. Make a joke
 - ☒ 4. Reveal a secret

Q.2 Select the most appropriate synonym of the given word.
Barbed

- Ans**
- ☒ 1. Spiteful
 - ☒ 2. Gentle
 - ☒ 3. Passive
 - ☒ 4. Kind

Q.3 There is a spelling error in the given sentence. Select the option that contains the INCORRECTLY spelt word.
As per manager's opinion, the laser sprinkler malfunctioned.

- Ans**
- ☒ 1. malfunctioned
 - ☐ 2. sprinkler
 - ☐ 3. laser
 - ☐ 4. opinion

Q.4 Select the most appropriate meaning of the given idiom.
Beat around the bush

- Ans**
- ☒ 1. To avoid talking about what is important
 - ☐ 2. To talk about important things
 - ☐ 3. To have patience
 - ☐ 4. To avoid people

Q.5 Select the most appropriate idiom for the following sentence.
He made the business profitable from unprofitable in about a year of joining.

- Ans**
- ☐ 1. Easy come, easy go
 - ☐ 2. Still waters run deep
 - ☒ 3. Where there is a will, there is a way
 - ☐ 4. Throw up

Q.6 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.
We think of the past history of the world as fixed but of the future as undecided and open to a wealth off possibilities.

- Ans**
- ☐ 1. as fixed
 - ☒ 2. wealth off
 - ☐ 3. as undecided
 - ☐ 4. of the past

Q.7 Select the option that can be used as a one-word substitute for the given group of words.
A person who is kept captive for fulfilment of demands of money or conditions.

- Ans**
- ☒ 1. Hostage
 - ☐ 2. Doyen
 - ☐ 3. Scion
 - ☐ 4. Bait

Q.8 Parts of the following sentence have been given as options. Select the option that contains an error.

My teacher told me that / all that / glitters was not gold.

- Ans**
- ☒ 1. glitters was not gold
 - ☐ 2. all that
 - ☐ 3. No error
 - ☐ 4. My teacher told me that

Q.9 Select the most appropriate synonym of the given word.
Peril

- Ans**
- ☐ 1. Entertainment
 - ☐ 2. Ignorance
 - ☐ 3. Joke
 - ☒ 4. Danger

Q.10 Select the most appropriate idiom to fill in the blank.
Rahul speaks easily in front of a small group, but he seems _____ before a large audience.

- Ans**
- ☐ 1. ill-disposed to
 - ☐ 2. think ill of
 - ☒ 3. ill at ease
 - ☐ 4. man of ill repute

Q.11 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 improvement required'.
Very early in the morning, at the beginning of January, Opu was lying in bed waiting for the sun having rose.

Ans  1. waited for the sun rising
 2. No improvement required
 3. waited for the sun having rose
 4. waiting for the sun to rise

Q.12 Parts of the following sentence have been underlined and given as options. Select the option that contains a misspelt word.
Obesity is rapidly becoming the leading cause of prevantable deaths in the United States.

Ans  1. rapidly
 2. leading
 3. prevantable
 4. obesity

Q.13 Select the most appropriate ANTONYM of the given word.
Amiable

Ans  1. Unfriendly
 2. Sad
 3. Restless
 4. Joyful

Q.14 Choose the sentence that contains an error.

Ans  1. The Earth revolves around the Sun.
 2. I love the taste of fresh strawberries in the summer.
 3. He is chef who specialises in Italian cuisine.
 4. She is the winner of the Nobel Peace Prize.

Q.15 Select the most appropriate option that can substitute the underlined word in the following sentence.
They serve stuffed garlic bread and molten chocolate in the birthday party of their son, Parth, last week.

Ans  1. served
 2. are serving
 3. be served
 4. serves

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 improvement required'.
Newton, after seeing the apple falling from a tree, began to wonder whether if it moved towards the earth and not upwards towards the sky.

Ans  1. began his wondering how
 2. began to wondering if
 3. No improvement required
 4. began to wonder why

Q.17 Parts of the given sentence have been underlined. One of them contains an error. The underlined parts are given as options with some changes. Select the option that correctly rectifies the error.
Sohan is the older brother of my best friend.

Ans  1. an
 2. elder
 3. to my
 4. good

Q.18 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.
When I bought the book, I thought it will be interesting.

Ans  1. When
 2. thought
 3. will
 4. bought

Q.19 Identify and correct the INCORRECTLY spelt word in the given sentence.
Sliding each bead from one side to the other, the student used the abacus to count out the number of days in a week.

- Ans**
- ☒ 1. number
 - ☐ 2. abacuss
 - ☐ 3. beed
 - ☐ 4. Slaiding

Q.20 Select the option that can be used as a one-word substitute for the given group of words.
Endless period of time

- Ans**
- ☐ 1. Frailty
 - ☒ 2. Eternity
 - ☐ 3. Impurity
 - ☐ 4. Longevity

Comprehension:

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 should be free to all because it is a (1)___ human right. It is essential for the (2)___ of a fully functioning society and for the advancement of humanity. While some argue that education should not be free because it has value or that free education would be a (3)___ on taxpayers, the reality is that education is a public good that (4)___ everyone in society. Not only does education provide individuals with the skills and knowledge they need to participate in the workforce, but it also improves social cohesion and creates more (5)___ citizens.

SubQuestion No : 21

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

- Ans**
- ☐ 1. precious
 - ☐ 2. joyful
 - ☒ 3. fundamental
 - ☐ 4. lovely

Comprehension:

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 should be free to all because it is a (1)___ human right. It is essential for the (2)___ of a fully functioning society and for the advancement of humanity. While some argue that education should not be free because it has value or that free education would be a (3)___ on taxpayers, the reality is that education is a public good that (4)___ everyone in society. Not only does education provide individuals with the skills and knowledge they need to participate in the workforce, but it also improves social cohesion and creates more (5)___ citizens.

SubQuestion No : 22

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

- Ans**
- ☐ 1. enthusiasm
 - ☐ 2. celebration
 - ☐ 3. distribution
 - ☒ 4. development

Comprehension:

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 should be free to all because it is a (1)___ human right. It is essential for the (2)___ of a fully functioning society and for the advancement of humanity. While some argue that education should not be free because it has value or that free education would be a (3)___ on taxpayers, the reality is that education is a public good that (4)___ everyone in society. Not only does education provide individuals with the skills and knowledge they need to participate in the workforce, but it also improves social cohesion and creates more (5)___ citizens.

SubQuestion No : 23

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

- Ans**
- ☐ 1. contentment
 - ☐ 2. blessing
 - ☒ 3. burden
 - ☐ 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.

Education should be free to all because it is a (1)___ human right. It is essential for the (2)___ of a fully functioning society and for the advancement of humanity. While some argue that education should not be free because it has value or that free education would be a (3)___ on taxpayers, the reality is that education is a public good that (4)___ everyone in society. Not only does education provide individuals with the skills and knowledge they need to participate in the workforce, but it also improves social cohesion and creates more (5)___ citizens.

SubQuestion No : 24

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

- Ans**
-  1. emphasises
 -  2. benefits
 -  3. sections
 -  4. burdens

Comprehension:

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 should be free to all because it is a (1)___ human right. It is essential for the (2)___ of a fully functioning society and for the advancement of humanity. While some argue that education should not be free because it has value or that free education would be a (3)___ on taxpayers, the reality is that education is a public good that (4)___ everyone in society. Not only does education provide individuals with the skills and knowledge they need to participate in the workforce, but it also improves social cohesion and creates more (5)___ citizens.

SubQuestion No : 25

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

- Ans**
-  1. easy going
 -  2. productive
 -  3. apprehensive
 -  4. authentic

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	12/09/2023
Exam Time	4:00 PM - 6:00 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 Simplify the following expression.

$$12 \times 6 \div \{ [18 \div (6 - 3)] - 3 \} + 6$$

- Ans
- ☐ 1. 84
 - ☐ 2. 96
 - ☐ 3. 20
 - ☒ 4. 30

Q.2 What is the HCF of the polynomials $(x^3 - 8)$, $(x^3 - 6x^2 + 12x - 8)$ and $(x^3 - 4x^2 + 4x)$?

- Ans
- ☐ 1. $(x - 1)$
 - ☒ 2. $(x - 2)$
 - ☐ 3. $(x - 4)$
 - ☐ 4. $(x - 8)$

Q.3 A certain number of men complete a piece of work in 60 days. If there were 8 more men called, then the work can be finished in 10 days less than usual. The number of men originally was:

- Ans
- ☐ 1. 50
 - ☐ 2. 60
 - ☒ 3. 40
 - ☐ 4. 30

Q.4 The weight of a circular disc varies directly as the product of the square of the radius and its thickness. Two identical/similar discs have their thickness in the ratio of 16 : 9. What is the ratio of their radii if the weight of the first is four times that of the second?

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

Q.5 Find the volume of a cuboid whose dimensions are 34 m, 7 m and 4 m.

- Ans
- ☐ 1. 476 m^3
 - ☒ 2. 952 m^3
 - ☐ 3. 1904 m^3
 - ☐ 4. 238 m^3

Q.6 The mean proportion between 17 and some unknown number is 51. What is the unknown number?

- Ans
- ✓ 1. 153
 - ✗ 2. 51
 - ✗ 3. 17
 - ✗ 4. 151

Q.7 In a class of 50 students, there are 30 girls who scored an average of 88 marks. If the class average is 78, what are the average marks of boys?

- Ans
- ✗ 1. 83
 - ✗ 2. 80
 - ✗ 3. 72
 - ✓ 4. 63

Q.8 A steel sphere of radius 1 cm is melted and cast into a wire of diameter 4 mm, then the length of the wire is:

- Ans
- ✗ 1. $31\frac{1}{3}$ cm
 - ✓ 2. $33\frac{1}{3}$ cm
 - ✗ 3. $35\frac{1}{7}$ cm
 - ✗ 4. $37\frac{1}{7}$ cm

Q.9 A seller marked the price of a sofa 25% more than its cost price. If he allows 12% discount on the marked price to the customer, then what is his gain percentage? If the cost price of the sofa is ₹15,000, then what is his gain money?

- Ans
- ✗ 1. 9%; ₹1,480
 - ✓ 2. 10%; ₹1,500
 - ✗ 3. 9.5%; ₹1,600
 - ✗ 4. 8%; ₹1,350

Q.10 Study the given table and answer the question that follows.
The tables shows the number of pages printed by four printers in three days.

Days	Printers			
	M	N	O	P
Friday	880	885	877	898
Saturday	972	989	990	786
Sunday	980	790	782	690

If the total number of pages printed by all the given printers together on Monday was 15% more than the total number of pages printed by all the given printers together on Friday, then what was the total number of pages printed by all the given printers together on Monday?

- Ans
- ✓ 1. 4071
 - ✗ 2. 4026
 - ✗ 3. 4580
 - ✗ 4. 4128

Q.11 The time taken by a boat to cover a distance of x km upstream is double the time taken by the boat to cover the same distance downstream. The sum of the speeds of the boat and the stream is 90 km/h. The speed of the stream is _____ km/h.

- Ans
- ☒ 1. 37.5
 - ☒ 2. 27.5
 - ☒ 3. 22.5
 - ☒ 4. 33.5

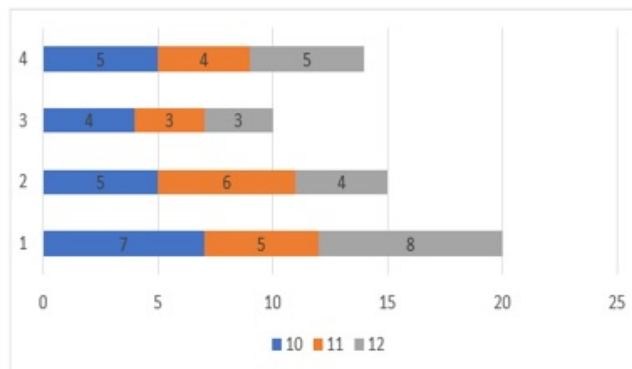
Q.12 Lucknow Shatabdi Express leaves Varanasi at 3:30 p.m. and reaches Lucknow at 8:30 p.m. on the same day. The average speed of the train is 140 km/h. What is the distance (in km) from Varanasi to Lucknow?

- Ans
- ☒ 1. 725
 - ☒ 2. 750
 - ☒ 3. 700
 - ☒ 4. 675

Q.13 Find a single discount equivalent to a discount series of 10%, 15% and 20%.

- Ans
- ☒ 1. 38.80%
 - ☒ 2. 40.80%
 - ☒ 3. 42.20%
 - ☒ 4. 39.20%.

Q.14 Consider the percentage of failed students in class 10, class 11 and class 12 in four different schools: 1, 2, 3 and 4 given in the bar graph.



The difference in the average percentage of failed students per class in school 1 and school 3 is _____.

- Ans
- ☒ 1. $\frac{10}{3}$
 - ☒ 2. $\frac{8}{3}$
 - ☒ 3. $\frac{13}{3}$
 - ☒ 4. $\frac{11}{3}$

Q.15 The simple interest on a certain sum at 10% per annum for two years and three years differ by ₹500. Find the sum.

- Ans
- ☒ 1. ₹5,000
 - ☐ 2. ₹4,500
 - ☐ 3. ₹6,000
 - ☐ 4. ₹5,500

Q.16 In a subject, there are 40 marks for practical and 110 marks for theory. In another subject, the practical marks are 60 and the theory marks are 40. If R gets an average mark of 40 in practical and an average mark of 60 in theory, then his average marks per subject are _____.

- Ans
- ☒ 1. 100
 - ☐ 2. 40
 - ☐ 3. 80
 - ☐ 4. 60

Q.17 A sum of ₹15,000 was lent for 3 years at the rate of 4%, 5%, 6% per annum, respectively, at compound interest for the first year, second year and third year compounded annually. Find the compound interest for 3 years.

- Ans
- ☒ 1. ₹2,362.80
 - ☐ 2. ₹2,380.60
 - ☐ 3. ₹2,382.60
 - ☐ 4. ₹2,380.80

Q.18 A and B can do a piece of work in 10 days. B and C can do the same work in 15 days. If A is twice as good a workman as C, find in what time B alone can do the work (in days).

- Ans
- ☐ 1. 25
 - ☐ 2. 10
 - ☐ 3. 20
 - ☒ 4. 30

Q.19 Aditya sold two bags for ₹630 each. On one bag he gains 33% and on the other he losses 33%. Find his gain or loss per cent on the whole transaction.

- Ans
- ☒ 1. 10.89% loss
 - ☐ 2. 10.89% gain
 - ☐ 3. 12.37% loss
 - ☐ 4. 12.37% gain

Q.20 If the average of 7, x , 13, 16 and 9 is 10, then the value of x is:

- Ans
- ☐ 1. 4
 - ☐ 2. 6
 - ☐ 3. 8
 - ☒ 4. 5

Q.1 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 clay is metal. Some metal are bricks. All bricks are tablets.

Conclusion I: Some clay are bricks.

Conclusion II: All metal are tablets.

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

Q.2 DTGB is related to FVID in a certain way based on the English alphabetical order. In the same way, VRCK is related to XTEM. To which of the following is JAHM related to, following the same logic?

- Ans**
- ☒ 1. KBJP
 - ☒ 2. MCKP
 - ☒ 3. LCJO
 - ☒ 4. LDKO

Q.3 In a certain code language, 'just do it' is coded as 'ct ns kw' and 'do your best' is coded as 'mb kw du'. How is 'do' coded in the given language?

- Ans**
- ☒ 1. ct
 - ☒ 2. kw
 - ☒ 3. mb
 - ☒ 4. ns

Q.4 In a certain code language, 'TOP' is coded as '22-17-18' and 'BIZ' is coded as '4-11-28'. What is the code for 'MAR' in the given code language?

- Ans**
- ☒ 1. 14-4-21
 - ☒ 2. 16-5-20
 - ☒ 3. 15-3-20
 - ☒ 4. 15-5-21

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 cars are cats. All fans are cats.

Conclusions:

- (I) All cars are fans.
- (II) Some fans are cars.

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

Q.6 What should come in place of ? in the given series?

15 26 48 81 125 ?

- Ans
- ☐ 1. 155
 - ☐ 2. 194
 - ☒ 3. 180
 - ☐ 4. 169

Q.7 What should come in place of ? in the given series?

124 114 104 94 84 ?

- Ans
- ☐ 1. 71
 - ☐ 2. 72
 - ☐ 3. 73
 - ☒ 4. 74

Q.8 What should come in place of ? in the given series based on the English alphabetical order?

MCT, JEU, GGV, DIW, ?

- Ans
- ☒ 1. AKX
 - ☐ 2. BKZ
 - ☐ 3. BIY
 - ☐ 4. CJY

Q.9 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



(X)

Ans

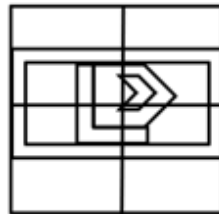
✗ 1.



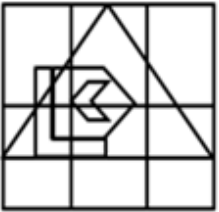
✗ 2.



✓ 3.



✗ 4.



Q.10 Which figure should replace the question mark (?) if the following figure series were to be continued?

N	O	S	E	O	N	E	S	V	E	X	O	E	V	O	X	
		△				X				N				△		?
X			V	V			△	△			S	S			N	

Ans

✓ 1.

S	O	△	E
		V	
N			X

✗ 2.

X	O	△	N
		V	
E			S

✗ 3.

X	S	V	△
		E	
N			O

✗ 4.

X	△	V	N
		O	
E			S

Q.11 The position of how many letters will remain unchanged if each of the letters in the word COMPUTER is arranged in alphabetical order?

Ans

✗ 1. three

✗ 2. one

✗ 3. none

✓ 4. two

Q.12 What should come in place of ? in the given series?

92 91 87 78 62 ?

Ans

✓ 1. 37

✗ 2. 38

✗ 3. 35

✗ 4. 36

Q.13 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 /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)

12 : 44

8 : 28

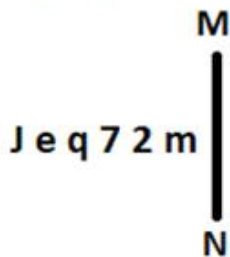
Ans ☒ 1. 15 : 35

☒ 2. 9 : 32

☒ 3. 10 : 38

☒ 4. 7 : 28

Q.14 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans ☒ 1. m 5 7 p e J

☒ 2. m 5 7 p e l

☒ 3. w 5 7 b e l

☒ 4. m 7 2 p e l

Q.15 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$105 \times 7 + 43 - 37 \div 3 = ?$$

Ans ☒ 1. 53

☒ 2. 73

☒ 3. 83

☒ 4. 63

Q.16 78 is related to 69 following a certain logic. Following the same logic, 57 is related to 48. To which of the following is 94 related to, following the same logic?

Ans ☒ 1. 82

☒ 2. 84

☒ 3. 83

☒ 4. 85

Q.17 What should come in place of ? in the given series based on the English alphabetical order?

EVO, HSR, KPU, NMX, ?

Ans ☒ 1. QJA

☒ 2. PHB

☒ 3. PIB

☒ 4. RIC

Q.18 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
 $29 \div 6 + 5 - 98 \times 2 = ?$

Ans  1. 220
 2. 219
 3. 217
 4. 218

Q.19 A, B, C, D, E, F, G and H are sitting around a square table facing the center of the table. Some of them are sitting at the corners while some are sitting at the exact center of the sides. H sits third to the left of B. H does not sit in any of the corners. C sits third to the right of F. C sits in one of the corners. H is the immediate neighbour of D and E. A is not the neighbour of B. E sits immediate next to A.

How many people sit between A and H, when counted from the left of A?

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

Q.20 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

BA _ B _ B _ _ BB _ B

Ans  1. BAABB
 2. ABABB
 3. AABAB
 4. BABAA

Section : **General Awareness**

Q.1 Which country's Constitution was the inspiration behind the Directive Principles of the Indian Constitution?

Ans  1. The Constitution of the United Kingdom
 2. The Constitution of the United States
 3. The Constitution of Australia
 4. The Constitution of Ireland

Q.2 Ustad Allah Rakha and Ustad Zakir Hussain are both famous _____ players of India.

Ans  1. veena
 2. sarangi
 3. tabla
 4. bansuri

Q.3 The Padma Shri awardee (2016) Gulabo Saperia is known as the Queen of _____ dance.

Ans  1. Bhavai
 2. Chari
 3. Kacchi Ghodi
 4. Kalbeliya

Q.4 In December 2022, Government of India launched Grih Pravesh scheme. This scheme aims to provide benefits to the residents of ____ areas.

- Ans**
- ☐ 1. only rural
 - ☒ 2. both rural and urban
 - ☐ 3. only urban
 - ☐ 4. only tribal

Q.5 Which of the following novels is based on the partition of India and was written by Khushwant Singh?

- Ans**
- ☒ 1. Train to Pakistan
 - ☐ 2. Narcopolis
 - ☐ 3. The Great Indian Novel
 - ☐ 4. Untouchables

Q.6 Who founded the All-India Forward Bloc Party?

- Ans**
- ☐ 1. Bhagat Singh
 - ☒ 2. Subhas Chandra Bose
 - ☐ 3. Rasbehari Bose
 - ☐ 4. Chandra Shekar Azad

Q.7 What is the main source of income for commercial banks?

- Ans**
- ☐ 1. Profits from stock market investments
 - ☐ 2. Government grants
 - ☐ 3. Donations from customers
 - ☒ 4. Interest earned on loans and advances

Q.8 What is the name of the geographic feature that serves as a boundary between India and Sri Lanka?

- Ans**
- ☐ 1. Dardanelles Strait
 - ☐ 2. Strait of Gibraltar
 - ☐ 3. Bosporus Strait
 - ☒ 4. Palk Strait

Q.9 The National Social Assistance Programme (NSAP) is a welfare programme being administered by which Ministry of Government of India?

- Ans**
- ☒ 1. Ministry of Rural Development
 - ☐ 2. Ministry of Tribal Affairs
 - ☐ 3. Ministry of Agriculture and Farmers Welfare
 - ☐ 4. Ministry of Home Affairs

Q.10 Indian Industrialists reacted against colonial policies that restricted business activities and formed an organisation in 1927. What was it called?

- Ans**
- ☐ 1. Confederation of Indian Industries (CII)
 - ☐ 2. Indian Industrial and Commercial Congress(IICC)
 - ☒ 3. Federation of the Indian Chamber of Commerce and Industries (FICCI)
 - ☐ 4. Organization of Industries of India (OII)

Q.11 Mango showers are associated with which two states?

- Ans**
- ☐ 1. Andhra Pradesh and Karnataka
 - ☐ 2. Uttar Pradesh and Bihar
 - ☐ 3. Kerala and Andhra Pradesh
 - ☒ 4. Kerala and Karnataka

Q.12 Manika Batra won bronze medal in Asian Cup tournament. She is related to which sport?

- Ans**
- ☐ 1. Judo
 - ☐ 2. Chess
 - ☐ 3. Gymnastic
 - ☒ 4. Table Tennis

Q.13 What is the name of the mascot for the 37th National Games?

- Ans**
- ☐ 1. Olly
 - ☐ 2. Jelly
 - ☒ 3. Moga
 - ☐ 4. Pandi

Q.14 The Constitution allows _____ maximum members in Lok Sabha as of June 2023.

- Ans**
- ☒ 1. 550
 - ☐ 2. 546
 - ☐ 3. 543
 - ☐ 4. 545

Q.15 Instituted in 1984, the National-level Lata Mangeshkar Award is given to promote excellence in the area of light music annually by the _____ government's culture department.

- Ans**
- ☐ 1. Karnataka
 - ☐ 2. Goa
 - ☐ 3. Rajasthan
 - ☒ 4. Madhya Pradesh

Q.16 When one stone is thrown upwards, what type of energy conversion would occur?

- Ans**
- ☒ 1. Kinetic energy would change to gravitational potential energy
 - ☐ 2. Kinetic energy would change to mechanical energy
 - ☐ 3. Potential energy would change to gravitational energy
 - ☐ 4. Mechanical energy would change to kinetic energy

Q.17 Who among the following made Ganesh Chaturthi popular as a public celebration in Maharashtra?

- Ans**
- ☐ 1. Khudiram Bose
 - ☐ 2. Lala Lajpat Rai
 - ☒ 3. Lokmanya Bal Gangadhar Tilak
 - ☐ 4. Vinayak Damodar Savarkar

Q.18 Which institution mainly provides financial assistance and support to microfinance institutions in India?

- Ans**
- ☒ 1. Small Industries Development Bank of India (SIDBI)
 - ☐ 2. Indian Banks' Association (IBA)
 - ☐ 3. Department of Economic Affairs (DEA)
 - ☐ 4. Ministry of Corporate Affairs

Q.19 Lachhu Maharaj is a celebrated _____ dancer.

- Ans**
- ☐ 1. Odissi
 - ☐ 2. Bharatnatyam
 - ☒ 3. Kathak
 - ☐ 4. Kuchipudi

Q.20 The Sakraat festival is celebrated with the 'Budigali' or 'Kalasi' dance in _____, where women take part in this dance, carrying decorative pots on their heads.

- Ans**
- ☐ 1. Nagaland
 - ☒ 2. Odisha
 - ☐ 3. Madhya Pradesh
 - ☐ 4. Manipur

Q.21 The Taj Mahal was built by:

- Ans**
- ☒ 1. Shah Jahan
 - ☐ 2. Akbar
 - ☐ 3. Humayun
 - ☐ 4. Jahangir

Q.22 FIFA U-17 Women's World Cup 2022 final was held in which city?

- Ans**
-  1. Margo
 -  2. Ahmedabad
 -  3. Navi Mumbai
 -  4. Bhubaneswar

Q.23 The Tata Iron and Steel Company Limited (TISCO) was started in the year _____ at Sakchi in Jharkhand state.

- Ans**
-  1. 1951
 -  2. 1989
 -  3. 1907
 -  4. 1975

Q.24 Who among the following is the author of the novel 'Untouchable'?

- Ans**
-  1. Mulk Raj Anand
 -  2. Vikram Seth
 -  3. Salman Rushdie
 -  4. Amitav Ghosh

Q.25 Lack of functional small intestine can cause a malabsorption disorder leading to diarrhoea, malnutrition, weight loss etc. This particular condition is known as:

- Ans**
-  1. hypoglycaemia
 -  2. short bowel syndrome
 -  3. Down syndrome
 -  4. hyperglycaemia

Section : **English Language and Comprehension**

Q.1 Select the INCORRECTLY spelt word.

- Ans**
-  1. Handkerchiefs
 -  2. Conjuror
 -  3. Paraphernalia
 -  4. Indispensible

Q.2 Select the most appropriate synonym of the given word.
Enchanted

- Ans**
-  1. Cursed
 -  2. Repelling
 -  3. Appealing
 -  4. Disgusted

Q.3 There is a spelling error in the given sentence. Select the option that contains the INCORRECTLY spelt word.
He was in despare because of the expiry of his licence.

- Ans**
-  1. licence
 -  2. because
 -  3. expiry
 -  4. despare

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

- Ans**
-  1. Appreciate
 -  2. Invite
 -  3. Criticise
 -  4. Construct

Q.5 Select the most appropriate meaning of the given idiom.

The apple of one's eye

- Ans**
- ☐ 1. Very nice
 - ☐ 2. Very cheerful
 - ☒ 3. Very dear
 - ☐ 4. Very pleasing

Q.6 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) It is a / (B) state of chaos / (C) since the / (D) chairman resigned.

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

Q.7 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

Henry is known / as an excellent writer / and good communicator / in English.

- Ans**
- ☐ 1. Henry is known
 - ☒ 2. and good communicator
 - ☐ 3. as an excellent writer
 - ☐ 4. in English

Q.8 Select the option that can be used as a one-word substitute for the given group of words.
The arrangement of events or dates in the order of their occurrence

- Ans**
- ☐ 1. Theology
 - ☐ 2. Psychology
 - ☐ 3. Entomology
 - ☒ 4. Chronology

Q.9 Select the most appropriate meaning of the given idiom.
By the skin of your teeth

- Ans**
- ☒ 1. By a very narrow margin
 - ☐ 2. To be less affected by criticisms and rebuffs
 - ☐ 3. Saved by others
 - ☐ 4. Very protective

Q.10 Parts of the following sentence have been given as options. Select the option that contains an error.
Tushar is junior than all his colleagues.

- Ans**
- ☐ 1. Tushar
 - ☒ 2. junior than all
 - ☐ 3. his colleagues
 - ☐ 4. is

Q.11 Select the most appropriate meaning of the underlined idiom in the given sentence.
The two neighbours will probably stop fighting when pigs fly.

- Ans**
- ☐ 1. When there is magic
 - ☐ 2. When their families meet
 - ☐ 3. When it rains
 - ☒ 4. Something that is impossible

Q.12 Select the most appropriate option that can substitute the underlined segment in the following sentence.
His research on the migratory patterns of the birds is run-of-the-mill.

- Ans**
- ☐ 1. trash
 - ☒ 2. average
 - ☐ 3. one in a million
 - ☐ 4. absurd

Q.13 Select the option that rectifies the spelling of the underlined word in the given sentence.

The politician guaranted that he would create jobs if elected.

- Ans**
- ☐ 1. gurranted
 - ☐ 2. guarranteed
 - ☐ 3. gauaranteed
 - ☒ 4. guaranteed

Q.14 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Pandemics have often been caused by a disease that spreads by physical touch or contact.

- Ans**
- ☐ 1. are vigorous
 - ☐ 2. are fastidious
 - ☒ 3. are contagious
 - ☐ 4. are robust

Q.15 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) One of / (B) my brothers write / (C) novels for / (D) leisure.

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

Q.16 Select the most appropriate option to fill in the blank.
The old man distributed his property _____ his ten grandchildren equally.

- Ans**
- ☐ 1. between
 - ☒ 2. among
 - ☐ 3. within
 - ☐ 4. towards

Q.17 Choose the most appropriate meaning of the underlined idiom in the given sentence.

As soon as Rohan learned that he had topped the examination, he was on cloud nine.

- Ans**
- ☐ 1. Very tense
 - ☒ 2. Very happy
 - ☐ 3. Very confused
 - ☐ 4. Very sad

Q.18 Select the most appropriate option to fill in the blank.

Her dedication to her work was _____ what anyone had expected.

- Ans**
- ☐ 1. beside
 - ☐ 2. over
 - ☒ 3. beyond
 - ☐ 4. through

Q.19 Select the most appropriate ANTONYM of the given word.
Harmony

- Ans**
- ☒ 1. Conflict
 - ☐ 2. Unity
 - ☐ 3. Adaptability
 - ☐ 4. Clarity

Q.20 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
By the time I turn thirty / I would had visited every / continent in the world and have gained / a wealth of knowledge and experience.

- Ans**
- ☐ 1. a wealth of knowledge and experience
 - ☐ 2. continent in the world and have gained
 - ☒ 3. I would had visited every
 - ☐ 4. By the time I turn thirty

Comprehension:

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

Medical hand practices have been an integral part of healthcare for centuries, but with technological advancements, machines are (1)_____ taking over. Robotic surgeries, for instance, have become increasingly popular, allowing surgeons to perform complex (2)_____ with minimal invasive techniques. Machine learning and artificial intelligence have transformed medical diagnosis by analysing large amounts of patient data and providing highly detailed medical images. However, there are still challenges to overcome in the use of these technologies in healthcare. For example, the cost of purchasing and maintaining medical machines can be high, and there are concerns around the ethical use of AI in medicine. Nonetheless, it is clear that medical hand practices are (3)_____ to machines, and these developments have the potential to revolutionise the healthcare industry. Additionally, the use of telemedicine and remote monitoring devices allows patients to receive medical care from the (4)_____ of their homes, particularly beneficial for those in rural or remote areas. Furthermore, medical machines provide healthcare professionals with real-time information, (5)_____ them to make informed decisions and adjust treatment plans accordingly.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. deliberately
 - ☒ 2. partially
 - ☒ 3. gradually
 - ☒ 4. sincerely

Comprehension:

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

Medical hand practices have been an integral part of healthcare for centuries, but with technological advancements, machines are (1)_____ taking over. Robotic surgeries, for instance, have become increasingly popular, allowing surgeons to perform complex (2)_____ with minimal invasive techniques. Machine learning and artificial intelligence have transformed medical diagnosis by analysing large amounts of patient data and providing highly detailed medical images. However, there are still challenges to overcome in the use of these technologies in healthcare. For example, the cost of purchasing and maintaining medical machines can be high, and there are concerns around the ethical use of AI in medicine. Nonetheless, it is clear that medical hand practices are (3)_____ to machines, and these developments have the potential to revolutionise the healthcare industry. Additionally, the use of telemedicine and remote monitoring devices allows patients to receive medical care from the (4)_____ of their homes, particularly beneficial for those in rural or remote areas. Furthermore, medical machines provide healthcare professionals with real-time information, (5)_____ them to make informed decisions and adjust treatment plans accordingly.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. procedures
 - ☒ 2. analysis
 - ☒ 3. therapies
 - ☒ 4. diagnosis

Comprehension:

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

Medical hand practices have been an integral part of healthcare for centuries, but with technological advancements, machines are (1)_____ taking over. Robotic surgeries, for instance, have become increasingly popular, allowing surgeons to perform complex (2)_____ with minimal invasive techniques. Machine learning and artificial intelligence have transformed medical diagnosis by analysing large amounts of patient data and providing highly detailed medical images. However, there are still challenges to overcome in the use of these technologies in healthcare. For example, the cost of purchasing and maintaining medical machines can be high, and there are concerns around the ethical use of AI in medicine. Nonetheless, it is clear that medical hand practices are (3)_____ to machines, and these developments have the potential to revolutionise the healthcare industry. Additionally, the use of telemedicine and remote monitoring devices allows patients to receive medical care from the (4)_____ of their homes, particularly beneficial for those in rural or remote areas. Furthermore, medical machines provide healthcare professionals with real-time information, (5)_____ them to make informed decisions and adjust treatment plans accordingly.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. evolving
 - ☒ 2. diminishing
 - ☒ 3. depleting
 - ☒ 4. stagnating

Comprehension:

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

Medical hand practices have been an integral part of healthcare for centuries, but with technological advancements, machines are (1)_____ taking over. Robotic surgeries, for instance, have become increasingly popular, allowing surgeons to perform complex (2)_____ with minimal invasive techniques. Machine learning and artificial intelligence have transformed medical diagnosis by analysing large amounts of patient data and providing highly detailed medical images. However, there are still challenges to overcome in the use of these technologies in healthcare. For example, the cost of purchasing and maintaining medical machines can be high, and there are concerns around the ethical use of AI in medicine. Nonetheless, it is clear that medical hand practices are (3)_____ to machines, and these developments have the potential to revolutionise the healthcare industry. Additionally, the use of telemedicine and remote monitoring devices allows patients to receive medical care from the (4)_____ of their homes, particularly beneficial for those in rural or remote areas. Furthermore, medical machines provide healthcare professionals with real-time information, (5)_____ them to make informed decisions and adjust treatment plans accordingly.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. comfort
 - ☐ 2. inconvenience
 - ☐ 3. range
 - ☐ 4. locality

Comprehension:

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

Medical hand practices have been an integral part of healthcare for centuries, but with technological advancements, machines are (1)_____ taking over. Robotic surgeries, for instance, have become increasingly popular, allowing surgeons to perform complex (2)_____ with minimal invasive techniques. Machine learning and artificial intelligence have transformed medical diagnosis by analysing large amounts of patient data and providing highly detailed medical images. However, there are still challenges to overcome in the use of these technologies in healthcare. For example, the cost of purchasing and maintaining medical machines can be high, and there are concerns around the ethical use of AI in medicine. Nonetheless, it is clear that medical hand practices are (3)_____ to machines, and these developments have the potential to revolutionise the healthcare industry. Additionally, the use of telemedicine and remote monitoring devices allows patients to receive medical care from the (4)_____ of their homes, particularly beneficial for those in rural or remote areas. Furthermore, medical machines provide healthcare professionals with real-time information, (5)_____ them to make informed decisions and adjust treatment plans accordingly.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☒ 1. enabling
 - ☐ 2. adapting
 - ☐ 3. reimagining
 - ☐ 4. neglecting

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	13/09/2023
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 15 kg of ₹25 per kg wheat is mixed with 10 kg of another type of wheat to get a mixture costing ₹30 per kg. Find the price (per kg) of the costlier wheat.

- Ans**
- ☒ 1. ₹37.5
 - ☐ 2. ₹32.5
 - ☐ 3. ₹30.5
 - ☐ 4. ₹35.5

Q.2 Two trains are travelling in the same direction on parallel tracks. Train A is travelling at 30 km/h and Train B is travelling at 60 km/h. If Train A is 400 m long and it takes Train B two minutes to pass Train A, what is the length of Train B?

- Ans**
- ☐ 1. 700 m
 - ☒ 2. 600 m
 - ☐ 3. 500 m
 - ☐ 4. 400 m

Q.3 If the $\frac{5}{6}$ of a number is 10 less than the number itself, then $\frac{7}{5}$ of the number is _____.

- Ans**
- ☐ 1. 60
 - ☐ 2. 96
 - ☒ 3. 84
 - ☐ 4. 72

Q.4 If $6\frac{1}{2} \times 2\frac{4}{5} \div x = \frac{7}{10}$, then find x :

- Ans**
- ☐ 1. 32
 - ☒ 2. 26
 - ☐ 3. 12
 - ☐ 4. 6

Q.5 The length of an edge of a cube is 3.5 cm. Find its total surface area.

- Ans**
- ☒ 1. 73.5 cm^2
 - ☐ 2. 154 cm^2
 - ☐ 3. 36 cm^2
 - ☐ 4. 27 cm^2

Q.6 A and B can complete a task in 6 and 8 days, respectively. They work on alternate days, with A starting the task on the first day. How many days will it take them to complete the task?

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

Q.7 A milk vendor has 2 vessels of milk and water. The first contains 80% milk and the rest is water. The second contains 50% milk. How much mixture (in L) should he mix from each of the vessels so as to get 9 litres of mixture such that the ratio of water to milk is 1 : 2? (Write your answer in the order of vessel 1 and vessel 2)

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

Q.8 A and B can do a piece of work in 5 days, while C and D can do the same work in 20 days. In how many days will A, B, C and D do it together?

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

Q.9 On what sum of money will the difference between the simple interest and compound interest (Compounded annually) for 3 years at 5% per annum be ₹15.25?

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

Q.10 A family spends 20% of its monthly income on house rent. Out of the remaining amount, the family spends 50% on household expenditure and 20% on children's education. If after doing so, its monthly saving is ₹6,600, then what is the total monthly income of the family?

- Ans**
- ☐ 1. ₹30,000
 - ☐ 2. ₹28,000
 - ☐ 3. ₹25,000
 - ☒ 4. ₹27,500

Q.11 Study the given bar-graph and answer the question that follows.

The bar-graph presents the number of books sold by a bookseller during different months of a particular year.



The number of books sold in the month of December is how much less than the average number of books sold per month?

- Ans
- ☐ 1. 120
 - ☒ 2. 93
 - ☐ 3. 95
 - ☐ 4. 39

Q.12 A boat travels upstream from B to A and downstream from A to B in 3 hours. If the speed of the boat in still water is 9 km/h and the speed of the current is 3.5 km/h, the distance between A and B is: (correct up to two decimal places)

- Ans
- ☐ 1. 12.46 km
 - ☐ 2. 14.46 km
 - ☒ 3. 11.46 km
 - ☐ 4. 13.46 km

Q.13 In how many years will ₹2,000 invested at the rate of 11% p.a. simple interest, amount to ₹3,100?

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

Q.14 Study the given table and answer the question that follows.

The table shows the milk exported from India from 2011 to 2015.

Year	Quantity (in lakh litres)	Value (in ₹ crores)
2011	130	240
2012	115	220
2013	142	420
2014	165	550
2015	195	610

In which year is the value per litre the maximum?

- Ans
- ☒ 1. 2014
 - ☐ 2. 2012
 - ☐ 3. 2013
 - ☐ 4. 2015

Q.15 The average weight of 20 students in a class is 55 kg. If the weight of the class teacher is included, the average is increased by 0.5 kg. The weight of the class teacher is:

- Ans
- ☐ 1. 68.4 kg
 - ☐ 2. 63.5 kg
 - ☒ 3. 65.5 kg
 - ☐ 4. 67.2 kg

Q.16 The ratio of the number of boys to the number of girls in a school of 1650 students is 6 : 5. If 124 new boys are admitted and few new girls are admitted, the ratio changes to 4 : 3. What is the ratio of the newly admitted girls to the newly admitted boys?

- Ans
- ☐ 1. 3 : 4
 - ☐ 2. 62 : 9
 - ☐ 3. 4 : 3
 - ☒ 4. 9 : 62

Q.17 Two numbers are in the ratio of 13 : 15. If their HCF is 3, then what is the difference between these two numbers?

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

Q.18 Some oranges were purchased at ₹150 per hundred and sold at ₹24 per dozen. It gave a gain of ₹1,000. How many oranges were purchased?

- Ans
- ☒ 1. 2000
 - ☐ 2. 1500
 - ☐ 3. 3000
 - ☐ 4. 2500

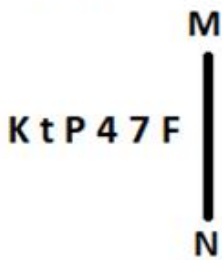
- Q.19 By selling a calculator for ₹1,080, there is a loss of 10%, if the article is sold for ₹1,350, the net result in the transaction is:
- Ans
- ☐ 1. 12% gain
 - ☐ 2. 12% loss
 - ☐ 3. $12\frac{1}{2}\%$ loss
 - ☒ 4. $12\frac{1}{2}\%$ gain

- Q.20 If the diameter of the base of a cone is 70 cm and its curved surface area is 4070 cm^2 , then what will be its volume (in cm^3)? (use $\pi = \frac{22}{7}$)
- Ans
- ☐ 1. 16,300
 - ☒ 2. 15,400
 - ☐ 3. 17,600
 - ☐ 4. 1180

Section : Reasoning Ability and Problem Solving

- Q.1 TDWP is related to RBUN in a certain way based on the English alphabetical order. In the same way, FJMH is related to DHKF. To which of the following is SENP related to, following the same logic?
- Ans
- ☐ 1. RCMN
 - ☐ 2. QDKO
 - ☒ 3. QCLN
 - ☐ 4. PDKN

- 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 Select the combination of letters that when sequentially placed in the blanks of the given series will make it logically complete.

DZL_G_JD_ZHDM_FDPZ_D

- Ans
- ☒ 1. DZJZD
 - ☐ 2. NVKDM
 - ☐ 3. KJBVD
 - ☐ 4. DNMVH

Q.4 Which figure should replace the question mark (?) if the following figure series were to be continued?

D			6			A			T			?
A	P	T	D	3	P	L	D	3	A	6	D	
6		3	A		T	T		6	L		3	

Ans

✗ 1.

L		
D	A	6
3		T

✗ 2.

3		
6	D	S
T		L

✓ 3.

L		
S	A	6
3		T

✗ 4.

3		
6	D	A
T		L

Q.5 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

AOS, DMV, GKY, JIB, ?

Ans

✓ 1. MGE

✗ 2. NGF

✗ 3. OHE

✗ 4. NHF

Q.6 If 11 December 2009 is a Friday, then what will be the day of the week on 18 December 2014?

Ans

✓ 1. Thursday

✗ 2. Monday

✗ 3. Tuesday

✗ 4. Wednesday

Q.7 What should come in place of ? in the given series?

710 720 730 740 750 ?

- Ans
- ☐ 1. 780
 - ☐ 2. 770
 - ☒ 3. 760
 - ☐ 4. 790

Q.8 In a certain code language, 'let it be' is coded as 'sd am ht' and 'be the change' is coded as 'vn sd ek'. How is 'be' coded in the given language?

- Ans
- ☐ 1. ek
 - ☐ 2. vn
 - ☒ 3. sd
 - ☐ 4. ht

Q.9 D, E, F, G, H, I, J and K are sitting around a square table facing the center of the table. Some of them are sitting at the corners while some are sitting at the exact center of the sides. K sits third to the right of I. K sits at one of the corners. E sits second to the left of G. G sits at any of the corners. E is an immediate neighbour of I and D. F sits third to the right of J. H is the immediate neighbour of F and K.

How many people sit between I and F, when counted from the left of I?

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

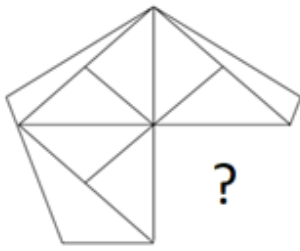
Q.10 If 'I' stands for '+', 'J' stands for '×', 'K' stands for '÷' and 'L' stands for '-', what will come in place of the question mark (?) in the following equation?
(48 K 8) J 4 L 15 I (12 J 3) I 20 = ?

- Ans
- ☒ 1. 65
 - ☐ 2. 70
 - ☐ 3. 55
 - ☐ 4. 60

Q.11 8 is related to 59 following a certain logic. Following the same logic, 9 is related to 76. To which of the following is 25 related to, following the same logic?

- Ans
- ☒ 1. 620
 - ☐ 2. 635
 - ☐ 3. 630
 - ☐ 4. 625

Q.12 Identify the figure that completes the pattern (rotation is NOT allowed).



Ans

✓ 1.



✗ 2.



✗ 3.



✗ 4.



Q.13 What should come in place of '?' in the given series?

2 21 97 401 1617 ?

Ans

✓ 1. 6481

✗ 2. 6493

✗ 3. 6235

✗ 4. 6507

Q.14 In a certain code language, 'ENTRUST' is coded as 'FOURVTU' and 'CUSHION' is coded as 'DVTHJPO'. What is the code for 'CLEAVER' in the given code language?

Ans

✗ 1. DNGBWGT

✗ 2. EMFBWGT

✗ 3. ENGBWT

✓ 4. DMFAWFS

Q.15 What should come in place of ? in the given series based on the English alphabetical order?

GAR, KEV, OIZ, SMD, ?

Ans

✗ 1. VPG

✗ 2. WPH

✗ 3. VRF

✓ 4. WQH

Q.16 What should come in place of '?' in the given series?

18 32 60 116 228 ?

- Ans
- ✓ 1. 452
 - ✗ 2. 468
 - ✗ 3. 474
 - ✗ 4. 480

Q.17 8 is related to 88 following a certain logic. Following the same logic, 11 is related to 121. To which of the following is 15 related to, following the same logic?

- Ans
- ✗ 1. 163
 - ✓ 2. 165
 - ✗ 3. 162
 - ✗ 4. 164

Q.18 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$108 \times 9 + 15 - 17 \div 2 = ?$$

- Ans
- ✗ 1. 21
 - ✗ 2. 41
 - ✗ 3. 51
 - ✓ 4. 31

Q.19 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 shoes are leather. Some leather are belts. Some belts are gold.

Conclusion I: Some shoes are belts.

Conclusion II: All belts are gold.

- Ans
- ✓ 1. Neither conclusion (I) nor (II) is follow.
 - ✗ 2. Only conclusion (II) is follow.
 - ✗ 3. Only conclusion (I) is follow.
 - ✗ 4. Both conclusions (I) and (II) are follow.

Q.20 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: Some leaves are old. All old are clothes. Some clothes are papers.

Conclusion I: All leaves are old.

Conclusion II: Some old are clothes.

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

Section : **General Awareness**

Q.1 What is a prominent trend in the microfinance sector in India?

- Ans**
- ☒ 1. Decreased reliance on digital technology
 - ☒ 2. Excessive bureaucracy in loan approvals
 - ☒ 3. Limited focus on women entrepreneurs
 - ☒ 4. Integration of mobile banking services

Q.2 The famous novel 'The God Of Small Things' is written by _____.

- Ans**
- ☒ 1. Ruskin Bond
 - ☒ 2. Vikram Seth
 - ☒ 3. Arundhati Roy
 - ☒ 4. Shashi Tharoor

Q.3 In November 2022, which state became the first North-East state to approve Mental Health and Social Care Policy?

- Ans**
- ☒ 1. Meghalaya
 - ☒ 2. Assam
 - ☒ 3. Arunachal Pradesh
 - ☒ 4. Tripura

Q.4 In optics, which term refers to the opening of the diaphragm of a lens that spatially limits the propagation of light?

- Ans**
- ☒ 1. Apostilb
 - ☒ 2. Aperture
 - ☒ 3. Meniscus
 - ☒ 4. Collimator

Q.5 What is the purpose of the Cultural and Educational Rights?

- Ans**
- ☒ 1. To protect the majority community
 - ☒ 2. To protect the language, culture, and religion of the minority communities
 - ☒ 3. To promote a particular religion
 - ☒ 4. To prevent exploitation

Q.6 Lata Mangeshkar was awarded by the India's highest civilian honour 'Bharat Ratna' in the year _____.

- Ans**
- ☒ 1. 2015
 - ☒ 2. 2019
 - ☒ 3. 2009
 - ☒ 4. 2001

Q.7 In which year was the Jammu and Kashmir Reorganization Act passed?

- Ans**
- ☐ 1. 2015
 - ☐ 2. 2017
 - ☐ 3. 2009
 - ☒ 4. 2019

Q.8 What do you mean by balanced budget?

- Ans**
- ☐ 1. Expenditure more the revenue
 - ☐ 2. Expenditure is less than revenue
 - ☒ 3. Expenditure equal to revenue
 - ☐ 4. Expenditure not equal to revenue

Q.9 Whose autobiography is titled ‘Waiting for a Visa’?

- Ans**
- ☐ 1. Dr. Ram Manohar Lohia
 - ☐ 2. Dr. Kamal Ranadive
 - ☒ 3. Dr. Bhimrao Ambedkar
 - ☐ 4. Dr. Rajendra Prasad

Q.10 In the context of the Revolt of 1857, Mangal Pandey belonged to which Bengal native Infantry?

- Ans**
- ☒ 1. 34
 - ☐ 2. 70
 - ☐ 3. 64
 - ☐ 4. 52

Q.11 Which of the following countries did India beat in the final to win the 2021 SAFF Championship?

- Ans**
- ☒ 1. Nepal
 - ☐ 2. Kuwait
 - ☐ 3. Maldives
 - ☐ 4. Lebanon

Q.12 In the 1939 Tripuri Congress Presidential Election, Pattabhi Sitaramayya was defeated by:

- Ans**
- ☐ 1. Jawaharlal Nehru
 - ☒ 2. Subhas Chandra Bose
 - ☐ 3. Rajendra Prasad
 - ☐ 4. Mahatma Gandhi

Q.13 Vinesh Phogat became the first Indian woman wrestler to win how many medals at World Championships?

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

Q.14 Nirmala Panikar received the Sangeet Natak Akademi Award-2019 (given in February 2023) for her contribution to _____ dance form.

- Ans**
- ☐ 1. Kuchipudi
 - ☐ 2. Bharatanatyam
 - ☒ 3. Mohiniyattam
 - ☐ 4. Kathak

Q.15 Chhau is a major dance tradition of India. In which of the following Indian states is the dance form NOT prevalent?

Ans  1. Madhya Pradesh
 2. Odisha
 3. Jharkhand
 4. West Bengal

Q.16 The famous coal mining region 'Korba' is located in which state of India?

Ans  1. Himachal Pradesh
 2. Chhattisgarh
 3. Kerala
 4. Tamil Nadu

Q.17 In which city is the Rajghat memorial situated?

Ans  1. Delhi
 2. Agra
 3. Surat
 4. Ahmedabad

Q.18 In which state is Vishakhapatnam Port located?

Ans  1. Gujarat
 2. Maharashtra
 3. Andhra Pradesh
 4. Odisha

Q.19 According to Census of India 2011, what was the total population of India (approx)?

Ans  1. 101 Crore
 2. 111 Crore
 3. 131 Crore
 4. 121 Crore

Q.20 Ustad Bismillah Khan was associated with which of the following musical instruments?

Ans  1. Sarod
 2. Shehnai
 3. Sarangi
 4. Sitar

Q.21 The Men's Junior Hockey Asia Cup 2023, which was won by India, was held at _____.

Ans  1. Qatar
 2. Saudi Arabia
 3. Oman
 4. Dubai

Q.22 Which bacteria was discovered by Barry Marshall and Robin Warren that colonises the human stomach and causes chronic superficial gastritis ulcers?

Ans  1. Entamoeba histolytica
 2. Campylobacter jejuni
 3. Neisseria gonorrhoeae
 4. Helicobacter pylori

Q.23 Which of the following states witnesses the first onset of the monsoon?

- Ans**
- ☐ 1. Uttar Pradesh
 - ☒ 2. Kerala
 - ☐ 3. Haryana
 - ☐ 4. Punjab

Q.24 Who among the following is the Indian classical dancer who masters both Bharatanatyam and Odissi dancing style?

- Ans**
- ☐ 1. Shovana Narayan
 - ☐ 2. Padma Subrahmanayam
 - ☐ 3. Guru Bipin Singh
 - ☒ 4. Sonal Mansingh

Q.25 Rajgir Mahotsav is a beautiful representation of history, religion, art and culture. It is a three-day celebration in _____.

- Ans**
- ☐ 1. Madhya Pradesh
 - ☒ 2. Bihar
 - ☐ 3. Uttar Pradesh
 - ☐ 4. Uttarakhand

Section : **English Language and Comprehension**

Q.1 Select the most appropriate option to fill in the blank.
The toddler decided to make a mess because he wanted to _____ the attention of its parents.

- Ans**
- ☒ 1. seek
 - ☐ 2. extract
 - ☐ 3. elicit
 - ☐ 4. please

Q.2 Select the most appropriate ANTONYM of the underlined word.
They waited with anxiety for the final results.

- Ans**
- ☐ 1. Shrewdness
 - ☐ 2. Feebleness
 - ☐ 3. Wilderness
 - ☒ 4. Calmness

Q.3 Select the most appropriate meaning of the given idiom.
Keep someone at arm's length

- Ans**
- ☐ 1. To ruin someone's plans
 - ☐ 2. Angry about something
 - ☐ 3. Having energy again after being tired
 - ☒ 4. To avoid becoming too close or friendly with someone

Q.4 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.
With cloud streaming, people can play games from a / internet-connected device, avoiding the need for pricey / dedicated hardware such as a game console.

- Ans**
- ☒ 1. With cloud streaming, people can play games from a
 - ☐ 2. dedicated hardware such as a game console
 - ☐ 3. internet-connected device, avoiding the need for pricey
 - ☐ 4. No error

Q.5 Select the most appropriate idiom to fill in the blank.

I know it was wrong to distract his friends, but _____.

- Ans**
- ☒ 1. all's unfair in love and war
 - ☒ 2. all's fair in love and war
 - ☒ 3. all's unfair in the world
 - ☒ 4. all's fair in the world

Q.6 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Essence
 - ☒ 2. Transmissible
 - ☒ 3. Assembly
 - ☒ 4. Aggregate

Q.7 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) This fridge / (B) comes including / (C) a 5-year / (D) warranty.

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

Q.8 Select the most appropriate synonym of the given word.
Glimpse

- Ans**
- ☒ 1. Observe
 - ☒ 2. Examine
 - ☒ 3. Glance
 - ☒ 4. Stare

Q.9 Select the most appropriate **ANTONYM** of the word given in brackets to fill in the blank.
A _____ (distinct) sense of restlessness was bothering me when I left the cemetery.

- Ans**
- ☒ 1. vague
 - ☒ 2. critical
 - ☒ 3. terrible
 - ☒ 4. prior

Q.10 Select the most appropriate option that can rectify the underlined segment in the given sentence. If there is no need to rectify it, select 'no rectification needed'.

This film is a non-stop riot that many cite as one of the funny films of all time.

- Ans**
- ☒ 1. more funny
 - ☒ 2. no rectification needed
 - ☒ 3. funniest
 - ☒ 4. funnier

Q.11 Identify the sentence that contains correct spellings in the given context.

- Ans**
- ☒ 1. She aced the test daspite being sleep-deprived from studying for nearly 24 hours strait.
 - ☒ 2. She acad the test desspite being sleep-deprived from studying for nearly 24 hours straight.
 - ☒ 3. She acid the test despite being sleep-deprived from studying for nearly 24 hours straight.
 - ☒ 4. She aced the test despite being sleep-deprived from studying for nearly 24 hours straight.

Q.12 Select the most appropriate idiom to fill in the blank.
Jack took on three jobs at once but soon realised he had _____.

- Ans**
- ☒ 1. played by the ear
 - ☒ 2. bitten off more than he could chew
 - ☒ 3. cut corners
 - ☒ 4. taken it with a grain of salt

Q.13 Select the most appropriate option to fill in the blank.
The teacher assured: "You have completed your homework, _____?"

- Ans**
- ☐ 1. hadn't you
 - ☒ 2. haven't you
 - ☐ 3. had you
 - ☐ 4. have you

Q.14 The following sentence has been split into four segments. Identify the segment that contains an error.
The team played / really well, but / they lose the game / in the final minutes.

- Ans**
- ☐ 1. in the final minutes
 - ☐ 2. really well, but
 - ☐ 3. The team played
 - ☒ 4. they lose the game

Q.15 Select the option that can be used as a one-word substitute for the given group of words.
A person who regards the whole world as his country

- Ans**
- ☐ 1. Contemporary
 - ☐ 2. Pacifist
 - ☐ 3. Celibate
 - ☒ 4. Cosmopolitan

Q.16 Select the most appropriate idiom to fill in the blank.
The CEO has _____ than worrying about individual customer complaints.

- Ans**
- ☐ 1. been walking on thin ice
 - ☐ 2. thrown caution to the wind
 - ☒ 3. bigger fish to fry
 - ☐ 4. taken a rain check

Q.17 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Shield
 - ☐ 2. Recognition
 - ☐ 3. Perceive
 - ☒ 4. Vaccum

Q.18 The following sentence has been split into four segments. Identify the segment that contains an error.
The school shall reopened / after summer / vacations of / one month.

- Ans**
- ☐ 1. vacations of
 - ☒ 2. The school shall reopened
 - ☐ 3. one month
 - ☐ 4. after summer

Q.19 Select the option that can be used as a one-word substitute for the given group of words.
One who looks at the dark side of life

- Ans**
- ☒ 1. Pessimist
 - ☐ 2. Physicist
 - ☐ 3. Idealist
 - ☐ 4. Optimist

Q.20 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Many a things are used for the show.

- Ans**
- ☐ 1. a things is
 - ☐ 2. a things were
 - ☒ 3. a thing is
 - ☐ 4. a thing 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.

(1)___ the breakfast table the next morning, there was no sign of my wife. I (2)___ she was sleeping late, but Gladolia, upon being questioned, only (3)___ her head, (4)___ something, and turned the whites of her eyes up to the ceiling. I was glad when the meal was (5)___ and hurried to the library for another try at that story.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans
- ☐ 1. Above
 - ☐ 2. Upon
 - ☐ 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.

(1)___ the breakfast table the next morning, there was no sign of my wife. I (2)___ she was sleeping late, but Gladolia, upon being questioned, only (3)___ her head, (4)___ something, and turned the whites of her eyes up to the ceiling. I was glad when the meal was (5)___ and hurried to the library for another try at that story.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans
- ☒ 1. concluded
 - ☐ 2. accepted
 - ☐ 3. decided
 - ☐ 4. examined

Comprehension:

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

(1)___ the breakfast table the next morning, there was no sign of my wife. I (2)___ she was sleeping late, but Gladolia, upon being questioned, only (3)___ her head, (4)___ something, and turned the whites of her eyes up to the ceiling. I was glad when the meal was (5)___ and hurried to the library for another try at that story.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans
- ☒ 1. shook
 - ☐ 2. stirred
 - ☐ 3. rotated
 - ☐ 4. adjusted

Comprehension:

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

(1)___ the breakfast table the next morning, there was no sign of my wife. I (2)___ she was sleeping late, but Gladolia, upon being questioned, only (3)___ her head, (4)___ something, and turned the whites of her eyes up to the ceiling. I was glad when the meal was (5)___ and hurried to the library for another try at that story.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans
- ☐ 1. mugged
 - ☐ 2. mutilated
 - ☒ 3. muttered
 - ☐ 4. muffed

Comprehension:

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

(1)___ the breakfast table the next morning, there was no sign of my wife. I (2)___ she was sleeping late, but Gladolia, upon being questioned, only (3)___ her head, (4)___ something, and turned the whites of her eyes up to the ceiling. I was glad when the meal was (5)___ and hurried to the library for another try at that story.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

Ans



1. over



2. removed



3. undone



4. through

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	13/09/2023
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 Find the volume a cube, each of whose sides measures 7 cm.

- Ans
- ☐ 1. 49 cm^3
 - ☐ 2. 294 cm^3
 - ☒ 3. 343 cm^3
 - ☐ 4. 282 cm^3

Q.2 A and B can do a piece of work in 5 days. B and C can do the same work in 8 days, while C and A can do it in 16 days. Find the time (in days) in which A, B and C can finish the work, working together.

- Ans
- ☐ 1. $4\frac{5}{31}$
 - ☒ 2. $5\frac{5}{31}$
 - ☐ 3. $5\frac{4}{31}$
 - ☐ 4. $5\frac{5}{17}$

Q.3 Three years ago, the value of car was ₹2,50,000. If the value depreciates by 6% every year, its value now is:

- Ans
- ☐ 1. ₹2,04,676
 - ☒ 2. ₹2,07,646
 - ☐ 3. ₹2,07,466
 - ☐ 4. ₹2,04,766

Q.4 A number decreased by $\frac{75}{2}\%$ gives 378. What is the number?

- Ans
- ☐ 1. 608.0
 - ☐ 2. 606.4
 - ☐ 3. 603.2
 - ☒ 4. 604.8

Q.5 A table showing the percentages of the total population of a Town by age group for the year 2016 is given below.

Age Group (in years)	Per cent
up to 15	35
16-30	18.5
30-40	12.5
40-50	25.77
51 and above	8.23

Out of every 1920 persons, the number of persons below 16 years is:

- Ans
- ☐ 1. 355
 - ☐ 2. 312
 - ☒ 3. 672
 - ☐ 4. 1027

Q.6 A medical store owner purchased medicines worth ₹18,000 from a company. He sold $\frac{2}{5}$ part of the medicine at a 35% loss. On which gain, he should sell the rest of the medicines so that he has neither gain nor loss?

- Ans
- ☒ 1. $23\frac{1}{3}\%$
 - ☐ 2. $20\frac{1}{3}\%$
 - ☐ 3. $23\frac{2}{3}\%$
 - ☐ 4. $20\frac{2}{3}\%$

Q.7 What sum of money (in ₹) will amount to ₹20,400 at the rate of 9% per annum simple interest in four years?

- Ans
- ☒ 1. 15,000
 - ☐ 2. 12,000
 - ☐ 3. 18,000
 - ☐ 4. 20,000

Q.8 The LCM of the two numbers is 1440 and their HCF is 32. If the first number is 288, then find the second number.

- Ans
- ☐ 1. 145
 - ☐ 2. 180
 - ☒ 3. 160
 - ☐ 4. 150

Q.9 A mixture contains spirit and water in the ratio 3 : 2. If 2 litres of water is added to the mixture, the ratio becomes 5 : 4. Find the quantity of spirit in the mixture (in litres).

- Ans
- ☐ 1. 10
 - ☐ 2. 25
 - ☐ 3. 20
 - ☒ 4. 15

Q.10 A lady travels a distance of 150 metres in 30 minutes and the next 350 metres in 50 minutes. Her average speed during the whole journey is:

- Ans**
- ☐ 1. $\frac{7}{24}$ km/h
 - ☐ 2. $\frac{11}{24}$ km/h
 - ☒ 3. $\frac{9}{24}$ km/h
 - ☐ 4. $\frac{21}{24}$ km/h

Q.11 While calculating the average marks of a class, the score increased by 0.5 when marks of one student is wrongly entered as 54 instead of 45. The number of students in the class is:

- Ans**
- ☐ 1. 36
 - ☒ 2. 18
 - ☐ 3. 45
 - ☐ 4. 54

Q.12 A person crosses a 750 m long street in 5 minutes. Find his speed in km/h.

- Ans**
- ☐ 1. 7.20
 - ☐ 2. 10.80
 - ☐ 3. 8.40
 - ☒ 4. 9.00

Q.13 A can complete a piece of work in 40 days and B can complete the same work in 60 days. They work together for 8 days. How much work is left?

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

Q.14 Two cuboids of dimension $2 \times 3 \times 4$ units and $2 \times 5 \times 4$ units are melted and a single cube is made. What is the side of the cube in units?

- Ans**
- ☐ 1. 2.5
 - ☒ 2. 4.0
 - ☐ 3. 3.0
 - ☐ 4. 3.5

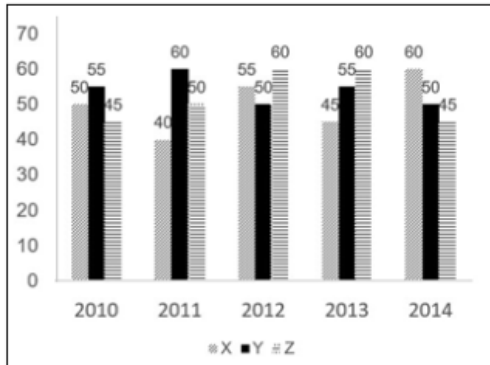
Q.15 If the average marks of three sections of Class IX, having 25, 35 and 40 students, respectively, is 60, 70 and 80, then the average marks of all the students of Class IX is:

- Ans**
- ☐ 1. 75
 - ☐ 2. 72
 - ☐ 3. 70.5
 - ☒ 4. 71.5

Q.16 Ramesh purchased a bag for ₹1,275 and sold it at a gain of 15% but calculated on the selling price. Find the selling price of the bag.

- Ans
- ☐ 1. ₹1,475
 - ☐ 2. ₹1,325
 - ☒ 3. ₹1,500
 - ☐ 4. ₹1,400

Q.17 The graph shows the production of tyres (in Lakhs) by three different companies X, Y, and Z over the years. Directions: Study the following graph carefully to answer the question given below it.



What is the difference between the production of company Z in 2010 and the production of company X in 2014?

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

Q.18 Simplify the following expression.

$$\left(\frac{5}{3} + \frac{6}{5} \div \frac{18}{5}\right) \text{ of } \frac{5}{12} - \left(\frac{5}{6} \div \frac{5}{12}\right) \text{ of } \frac{5}{12} + \frac{2}{3} \text{ of } \frac{3}{2}$$

- Ans
- ☐ 1. $\frac{6}{5}$
 - ☒ 2. 1
 - ☐ 3. 0
 - ☐ 4. $\frac{5}{6}$

Q.19 The income of A and B are in the ratio of 5 : 4 and the income of B and C are in the ratio of 5 : 6. What is the ratio of incomes of A and C?

- Ans
- ☒ 1. 25 : 24
 - ☐ 2. 5 : 6
 - ☐ 3. 24 : 25
 - ☐ 4. 6 : 5

Q.20 A policeman sees a thief and starts chasing him. The distance between the thief and the policeman is 200 m and the speed of the thief is 8 km/h . If the policeman was able to catch the thief in 20 minutes, then the speed of the policeman is _____ km/h .

- Ans**
- ☐ 1. 8.4
 - ☐ 2. 8.2
 - ☐ 3. 9.2
 - ☒ 4. 8.6

Section : Reasoning Ability and Problem Solving

Q.1 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

P _ Q _ QQ _ _ Q P _ Q

- Ans**
- ☐ 1. PPQPP
 - ☐ 2. QPQPQ
 - ☐ 3. PPQQP
 - ☒ 4. QPPQQ

Q.2 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 wool is crochet. Some crochet are skirts. All skirts are bread.

Conclusion I: Some crochet is wool.

Conclusion II: Some bread is crochet.

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

Q.3 What should come in place of '?' in the given series?

46 ? 358 1060 3166 9484 28438

- Ans**
- ☒ 1. 124
 - ☐ 2. 132
 - ☐ 3. 116
 - ☐ 4. 122

Q.4 If 'P' stands for '×', 'Q' stands for '+', 'R' stands for '-' and 'S' stands for '+', what will come in place of the question mark (?) in the following equation?
 $9 P 9 R (7 P 3) S 24 R 6 P 2 = ?$

- Ans**
- ☒ 1. 72
 - ☐ 2. 63
 - ☐ 3. 76
 - ☐ 4. 54

Q.5 12 is related to 59 following a certain logic. Following the same logic, 17 is related to 84. To which of the following is 19 related to, following the same logic?

- Ans
- ✓ 1. 94
 - ✗ 2. 91
 - ✗ 3. 93
 - ✗ 4. 92

Q.6 If 7th Nov 2005 is Monday, then what will be the day of the week on 17th Nov 2015?

- Ans
- ✗ 1. Monday
 - ✗ 2. Friday
 - ✓ 3. Tuesday
 - ✗ 4. Saturday

Q.7 What should come in place of ? in the given series based on the English alphabetical order?

FQS, IUT, LYU, OCV, ?

- Ans
- ✗ 1. QHU
 - ✓ 2. RGW
 - ✗ 3. QFV
 - ✗ 4. SHV

Q.8 If F means '-', G means '×', D means '+', B means '+', then what will come in place of the question mark (?) in the following equation?

15 G 10 D 30 B 43 F 28 = ?

- Ans
- ✗ 1. 25
 - ✓ 2. 20
 - ✗ 3. 30
 - ✗ 4. 10

Q.9 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: Some chairs are fans. All fans are pots. Some pots are hot.

Conclusion I: Some fans are chairs.

Conclusion II: Some hot are pots.

- Ans
- ✗ 1. Only conclusion (I) is follow.
 - ✗ 2. Neither conclusion (I) nor (II) is follow.
 - ✗ 3. Only conclusion (II) is follow.
 - ✓ 4. Both conclusions (I) and (II) are follow.

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

YIQ, AKR, CMS, EOT, ?

- Ans
- ☐ 1. FRV
 - ☒ 2. GQU
 - ☐ 3. HPV
 - ☐ 4. FPU

Q.11 In a certain code language, 'DEAF' is coded as '5718' and 'HEAD' is coded as '8137'. What is the code for 'H' in the given code language?

- Ans
- ☒ 1. 3
 - ☐ 2. 7
 - ☐ 3. 1
 - ☐ 4. 8

Q.12 In a certain code language, 'krishi might be coming' is written as 'gi ji hi fi' and 'prem will be going' is written as 'li mi ri hi'. How is 'be' written in the given language?

- Ans
- ☐ 1. ri
 - ☒ 2. hi
 - ☐ 3. mi
 - ☐ 4. li

Q.13 Which figure should replace the question mark (?) if the following figure series were to be continued?

Z	7	4	=	
B 4 7 =	= Z S B	S B = Z	Z 4 F S	?
S	4	F	B	

Ans

✗ 1.

B
S Z 4 F
△

✓ 2.

B
F S Z 4
△

✗ 3.

S
= F 4 B
Z

✗ 4.

B
F S 4 Z
△

Q.14 What should come in place of ? in the given series?

10 21 43 87 175 ?

Ans

✗ 1. 367

✗ 2. 308

✓ 3. 351

✗ 4. 376

Q.15 What should come in place of ? in the given series?

16 20 28 40 56 ?

Ans

✗ 1. 75

✓ 2. 76

✗ 3. 69

✗ 4. 78

Q.16 K, L, M, N, O, P, Q and R are sitting around a square table facing the center of the table. Some of them are sitting at the corners while some are sitting at the exact center of the sides. R sits second to the right of Q. Q sits in one of the corners. M sits third to the left of N. M does not sit in any of the corners. O is the immediate neighbour of Q and R. K is not the neighbour of N. L sits third to the left of R.

How many people sit between K and Q, when counted from the right of K?

- Ans**
- ✓ 1. Three
 - ✗ 2. One
 - ✗ 3. Two
 - ✗ 4. Four

Q.17 10 is related to 97 following a certain logic. Following the same logic, 12 is related to 141. To which of the following is 14 related to, following the same logic?

- Ans**
- ✓ 1. 193
 - ✗ 2. 192
 - ✗ 3. 191
 - ✗ 4. 194

Q.18 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Lava : Volcano

- Ans**
- ✗ 1. Cascade : Precipice
 - ✓ 2. Steam : Geyser
 - ✗ 3. Ice : Glass
 - ✗ 4. Avalanche : Ice

Q.19 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans**
- ✓ 1. z ɹ ɹ ɹ ɹ ɹ ɹ ɹ
 - ✗ 2. s ɹ ɹ ɹ ɹ ɹ ɹ ɹ
 - ✗ 3. z ɹ ɹ ɹ ɹ ɹ ɹ ɹ
 - ✗ 4. z ɹ ɹ ɹ ɹ ɹ ɹ ɹ

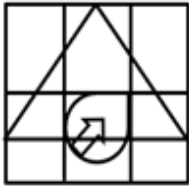
Q.20 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



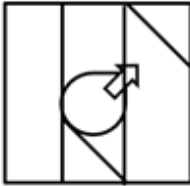
(X)

Ans

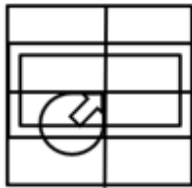
✗ 1.



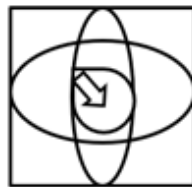
✗ 2.



✓ 3.



✗ 4.



Section : General Awareness

Q.1 Indian musician, Pandit Hari Prasad Chaurasia used to play which of the following musical instruments?

- Ans
- ✓ 1. Flute
 - ✗ 2. Sarangi
 - ✗ 3. Guitar
 - ✗ 4. Veena

Q.2 Bhanu Ji is associated with which of the following Gharanas of Kathak?

- Ans
- ✓ 1. Jaipur
 - ✗ 2. Lucknow
 - ✗ 3. Banaras
 - ✗ 4. Raigarh

Q.3 Which of the following locations receives the most rainfall in India?

- Ans
- ✓ 1. Mawsynram
 - ✗ 2. Jaisalmer
 - ✗ 3. Guwahati
 - ✗ 4. Prayagraj

Q.4 Who among the following is the author of the Hindi novel 'Raag Darbari'?

- Ans
- ✗ 1. Premchand
 - ✗ 2. Kashinath Singh
 - ✓ 3. Shrilal Shukla
 - ✗ 4. Rahul Sankrityayan

Q.5 Which of the following is an example of capital expenditure in the government budget?

- Ans**
- ☐ 1. Subsidies provided to farmers
 - ☒ 2. Purchase of military equipment
 - ☐ 3. Maintenance of government buildings
 - ☐ 4. Interest payment on a loan

Q.6 Yuki Bhambri and Saketh Myneni won the Bangkok Open Challenger title 2023. They are related to which sport?

- Ans**
- ☒ 1. Tennis
 - ☐ 2. Table Tennis
 - ☐ 3. Badminton
 - ☐ 4. Squash

Q.7 The Digital Lok Adalat, powered by AI (Artificial Intelligence) and Blockchain, was launched by the then National Legal Services Authority Chairman _____ during the 18th All India Legal Services Authorities' meet held in Jaipur in July 2022.

- Ans**
- ☐ 1. Justice DY Chandrachud
 - ☒ 2. Justice Uday Umesh Lalit
 - ☐ 3. Justice RN Mishra
 - ☐ 4. Justice AS Anand

Q.8 Deba Prasad Das, Pankaj Charan Das and Gangadhar Pradhan are associated with which of the following dance forms?

- Ans**
- ☒ 1. Odissi
 - ☐ 2. Kathak
 - ☐ 3. Manipuri
 - ☐ 4. Bharatanatyam

Q.9 The novel 'God of Small Things' is a creation of which novelist?

- Ans**
- ☐ 1. Kamala Das
 - ☐ 2. Amrita Pritam
 - ☒ 3. Arundhati Roy
 - ☐ 4. Ashapura Devi

Q.10 Consider the following statements about Abhinav Bharat Society.

- 1) The society was a community of socialists believed in an armed revolution.
- 2) The society was founded by Jaya Prakash Narayan.
- 3) Mitra Mela, a revolutionary secret society was renamed Abhinav Bharat in 1904.

Select the correct statement(s) using the codes given below.

- Ans**
- ☐ 1. 1, 2 and 3
 - ☐ 2. Both 2 and 3
 - ☒ 3. Both 1 and 3
 - ☐ 4. Both 1 and 2

Q.11 An image of which of the following elements is shown by the map of Cyprus from which the element got its name?

- Ans**
- ☐ 1. Silver
 - ☐ 2. Sulphur
 - ☒ 3. Copper
 - ☐ 4. Cobalt

Q.12 Which of the following terms best describes the average number of runs a batter makes per 100 deliveries in cricket?

- Ans**
- ☒ 1. Strike rate
 - ☐ 2. Batting rate
 - ☐ 3. Economy rate
 - ☐ 4. Batting average

Q.13 During cell division, the formation of a new cell wall is followed by the accumulation of:

- Ans**
- ☐ 1. periplasm
 - ☒ 2. phragmoplast
 - ☐ 3. protoplast
 - ☐ 4. peristome

Q.14 As of 2022, 12-feet statue of Adi Shankaracharya, which was unveiled by the Prime Minister of India is located in _____

- Ans**
- ☒ 1. Kedarnath
 - ☐ 2. Ahmedabad
 - ☐ 3. Varanasi
 - ☐ 4. Pune

Q.15 Which of the following is an example of Eastern Ghats peak?

- Ans**
- ☐ 1. Doddabetta
 - ☐ 2. Anamudi
 - ☐ 3. Guru Shikhar
 - ☒ 4. Mahendragiri

Q.16 What is the tenure of the Vice-President of India?

- Ans**
- ☒ 1. 5 years
 - ☐ 2. 6 years
 - ☐ 3. Until the age of 65
 - ☐ 4. Until he wants to hold the office

Q.17 Which of the following is NOT a fundamental duty listed in the Indian Constitution?

- Ans**
- ☐ 1. To safeguard public property and to abjure violence
 - ☐ 2. To value and preserve the rich heritage of our composite culture
 - ☒ 3. To engage in political activities to promote democracy
 - ☐ 4. To uphold and protect the sovereignty, unity and integrity of India

Q.18 Who is the first female classical dancer in Indian history to be nominated as a Member of Rajya Sabha, the upper house of the Parliament of India?

- Ans**
- ☒ 1. Rukmini Devi Arundale
 - ☐ 2. Mukti Mohan
 - ☐ 3. Sanjukta Panigrahi
 - ☐ 4. Shobha Naidu

Q.19 The Pradhan Mantri Garib Kalyan Rojgar Abhiyaan (PMGKRA) was launched in the year 2020 by which Ministry of Government of India?

- Ans**
- ☐ 1. Ministry of Social Justice and Empowerment
 - ☐ 2. Ministry of Micro, Small and Medium Enterprises
 - ☒ 3. Ministry of Rural Development
 - ☐ 4. Ministry of Ports, Shipping and Waterways

Q.20 What does the term 'Overdraft' mean in banking?

- Ans**
- ☐ 1. The interest charged on loans
 - ☒ 2. Short-term financing facility
 - ☐ 3. The maximum withdrawal limit from an ATM
 - ☐ 4. The process of transferring funds between bank accounts

Q.21 Janmashtami is a Hindu festival that celebrates the birth (janma) of the god, Krishna on the eighth (ashtami) day of the dark fortnight of the Hindu month of _____.

- Ans**
- ☐ 1. Ashadha
 - ☐ 2. Shravan
 - ☐ 3. Ashwin
 - ☒ 4. Bhadrapada

Q.22 FIH Men's Hockey World Cup 2023 was held in which Indian state/UT?

- Ans**
-  1. Gujarat
 -  2. New Delhi
 -  3. Maharashtra
 -  4. Odisha

Q.23 According to the Census of India 2011, what was the literacy rate recorded in Kerala?

- Ans**
-  1. 87.9%
 -  2. 85.8%
 -  3. 94.0%
 -  4. 90.3%

Q.24 Which of the following was the first major and decisive victory for the East India Company on the soil of India?

- Ans**
-  1. Battle of Sindhuli
 -  2. First Anglo-Maratha War
 -  3. Battle of Tiruvannamalai
 -  4. Battle of Plassey

Q.25 Which of the following music directors is known as 'Mozart of Madras'?

- Ans**
-  1. Himesh Reshammiya
 -  2. AR Rahman
 -  3. RD Burman
 -  4. Madan Mohan

Section : **English Language and Comprehension**

Q.1 Select the most appropriate idiom to fill in the blank.
Instead of answering the question directly, the politician kept _____.

- Ans**
-  1. spilling the bean
 -  2. pointing at his laurels
 -  3. crying over spilt milk
 -  4. beating around the bush

Q.2 Parts of the following sentence have been given as options. Select the option that contains an error.
The boy whose the sister is ill has left.

- Ans**
-  1. has left
 -  2. is ill
 -  3. The boy
 -  4. whose the sister

Q.3 Select the most appropriate option to fill in the blank.
A strong _____ for mathematics and problem-solving can be very useful.

- Ans**
-  1. strength
 -  2. aptitude
 -  3. functioning
 -  4. perception

Q.4 Select the INCORRECTLY spelt word.

- Ans**
-  1. Affiliate
 -  2. Priviledge
 -  3. Parachute
 -  4. Recommendation

Q.5 Select the most appropriate meaning of the underlined idiom in the following sentence.

He was quaking in his boots when he had to give a speech on the stage.

- Ans**
- ☒ 1. To shake in happiness
 - ☒ 2. To tremble with fear
 - ☒ 3. To tremble in excitement
 - ☒ 4. To shake in excitement

Q.6 Select the most appropriate meaning of the underlined idiom.

He managed to save his father's business by the sweat of his brow.

- Ans**
- ☒ 1. hard work
 - ☒ 2. tricks and strategies
 - ☒ 3. incidentally
 - ☒ 4. any way possible

Q.7 Parts of the following sentence have been underlined and given as options. Select the option that contains an error.

To much seriousness hardens the world, pinning it down with rules.

- Ans**
- ☒ 1. with rules
 - ☒ 2. world, pinning
 - ☒ 3. to much
 - ☒ 4. hardens the

Q.8 Select the most appropriate option that can substitute the underlined segment in the given sentence.

If I hand her a flower and say, "Give it to mamma," she take it to her mother.

- Ans**
- ☒ 1. had taken it
 - ☒ 2. had took it
 - ☒ 3. takes it
 - ☒ 4. was taking it

Q.9 Select the INCORRECTLY spelt word.

- Ans**
- ☒ 1. Conscience
 - ☒ 2. Admission
 - ☒ 3. Omitted
 - ☒ 4. Retrospect

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'.

The new chairman of the company announced attracted bonus for the employees on the occasion of the new year.

- Ans**
- ☒ 1. announced an attractive bonus for the employees
 - ☒ 2. No improvement required
 - ☒ 3. announced attracting bonus for the employees
 - ☒ 4. announcing attracted bonus for the employees

Q.11 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 I will get good marks, my father will buy me a laptop.

- Ans**
- ☒ 1. No substitution required
 - ☒ 2. am getting
 - ☒ 3. gets
 - ☒ 4. get

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

Rishi asked Karan will he get a new football for him?

- Ans**
- ☒ 1. if he would get a new football for him.
 - ☒ 2. if he will get a new football for him?
 - ☒ 3. if would he get a new football for him?
 - ☒ 4. would he get a new football for him?

Q.13 Select the most appropriate ANTONYM of the given word.
Divergent

- Ans**
- ☒ 1. Similar
 - ☐ 2. Obvious
 - ☐ 3. Addition
 - ☐ 4. Disrespectful

Q.14 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) The institute / (B) have been / (C) divided into / (D) multiple departments

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

Q.15 Select the most appropriate ANTONYM of the given word.
Often

- Ans**
- ☐ 1. Generally
 - ☐ 2. Usually
 - ☒ 3. Rarely
 - ☐ 4. Periodically

Q.16 Select the most appropriate synonym of the given word.
Mild

- Ans**
- ☐ 1. Scathing
 - ☒ 2. Gentle
 - ☐ 3. Severe
 - ☐ 4. Brittle

Q.17 Select the option that can be used as a one-word substitute for the given phrase.
A place where water is collected and stored for future use.

- Ans**
- ☐ 1. Aquarium
 - ☐ 2. Sanatorium
 - ☐ 3. Resort
 - ☒ 4. Reservoir

Q.18 Select the option that can be used as a one-word substitute for the underlined group of words.

They allowed us to powder by crushing the spices, pick over the raisins and lick the stirring spoons.

- Ans**
- ☒ 1. grind
 - ☐ 2. gain
 - ☐ 3. greet
 - ☐ 4. guess

Q.19 Four words of the following sentence have been underlined and given as options. Select the option that contains a spelling error.

Human activities that release longlived greenhouse gases into the atmosphere also leed to the enhancement of concentrations of shorterlived ozone and particulate matter in the atmosphere.

- Ans**
- ☐ 1. particulate
 - ☒ 2. leed
 - ☐ 3. release
 - ☐ 4. concentrations

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

My manager forced me to resign from my job as a chef since I underwent a spine surgery. I was depressed and had lost all hope. Later my father motivated me to open my own café and showed me ways to be independent. After all it is true that one should not _____.

- Ans**
- ☐ 1. blow hot and cold
 - ☐ 2. grease the palm
 - ☐ 3. blow one's own trumpet
 - ☒ 4. cry over spilt milk

Comprehension:

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

Fruits and vegetables contain important vitamins, minerals and plant (1)_____. They also contain fibre. There are many (2)_____ of fruits and vegetables available and many ways to prepare, cook and serve them. A diet (3)_____ in fruit and vegetables can help protect you against cancer, diabetes and heart disease. Eat five kinds of vegetable and two kinds of fruit every day for good health. Most Indians do not eat (4)_____ fruit and vegetables. When buying and serving fruit and vegetables, aim for variety to get the most (5)_____ and appeal.

SubQuestion No : 21

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

- Ans**
- ☒ 1. bacteria
 - ☒ 2. residue
 - ☒ 3. chemicals
 - ☒ 4. organisms

Comprehension:

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

Fruits and vegetables contain important vitamins, minerals and plant (1)_____. They also contain fibre. There are many (2)_____ of fruits and vegetables available and many ways to prepare, cook and serve them. A diet (3)_____ in fruit and vegetables can help protect you against cancer, diabetes and heart disease. Eat five kinds of vegetable and two kinds of fruit every day for good health. Most Indians do not eat (4)_____ fruit and vegetables. When buying and serving fruit and vegetables, aim for variety to get the most (5)_____ and appeal.

SubQuestion No : 22

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

- Ans**
- ☒ 1. characters
 - ☒ 2. uses
 - ☒ 3. traits
 - ☒ 4. varieties

Comprehension:

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

Fruits and vegetables contain important vitamins, minerals and plant (1)_____. They also contain fibre. There are many (2)_____ of fruits and vegetables available and many ways to prepare, cook and serve them. A diet (3)_____ in fruit and vegetables can help protect you against cancer, diabetes and heart disease. Eat five kinds of vegetable and two kinds of fruit every day for good health. Most Indians do not eat (4)_____ fruit and vegetables. When buying and serving fruit and vegetables, aim for variety to get the most (5)_____ and appeal.

SubQuestion No : 23

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

- Ans**
- ☒ 1. rich
 - ☒ 2. varied
 - ☒ 3. immersed
 - ☒ 4. content

Comprehension:

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

Fruits and vegetables contain important vitamins, minerals and plant (1)_____. They also contain fibre. There are many (2)_____ of fruits and vegetables available and many ways to prepare, cook and serve them. A diet (3)_____ in fruit and vegetables can help protect you against cancer, diabetes and heart disease. Eat five kinds of vegetable and two kinds of fruit every day for good health. Most Indians do not eat (4)_____ fruit and vegetables. When buying and serving fruit and vegetables, aim for variety to get the most (5)_____ and appeal.

SubQuestion No : 24

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

- Ans**
- ☒ 1. some
 - ☒ 2. plenty
 - ☒ 3. enough
 - ☒ 4. many

Comprehension:

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

Fruits and vegetables contain important vitamins, minerals and plant (1)_____. They also contain fibre. There are many (2)_____ of fruits and vegetables available and many ways to prepare, cook and serve them. A diet (3)_____ in fruit and vegetables can help protect you against cancer, diabetes and heart disease. Eat five kinds of vegetable and two kinds of fruit every day for good health. Most Indians do not eat (4)_____ fruit and vegetables. When buying and serving fruit and vegetables, aim for variety to get the most (5)_____ and appeal.

SubQuestion No : 25

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

- Ans**
- ☒ 1. nutrients
 - ☐ 2. assortment
 - ☐ 3. advancement
 - ☐ 4. fun

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	13/09/2023
Exam Time	4:00 PM - 6:00 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 A shopkeeper bought an oven for ₹25,000 and sold it for ₹29,500. He spent ₹1,500 as overheads. What is his loss or gain percentage (rounded off to the nearest integer)?

- Ans**
- ☒ 1. Gain by 11%
 - ☐ 2. Loss by 13%
 - ☐ 3. Loss by 11%
 - ☐ 4. Gain by 13%

Q.2 What is the greatest three-digit number which when divided by 4, 8 and 9, leaves no remainder?

- Ans**
- ☐ 1. 963
 - ☐ 2. 932
 - ☒ 3. 936
 - ☐ 4. 924

Q.3 A car covers 60 km at a speed of 84 km/h. If the average speed for the whole journey is 72 km/h, then the speed of the car for the next 60 km of the journey is:

- Ans**
- ☐ 1. 78 km/h
 - ☒ 2. 63 km/h
 - ☐ 3. 68 km/h
 - ☐ 4. 75 km/h

Q.4 The Value of $\{2^4(20 \times 5 + 10) \div 11\} - (2^3 \times 15 \div 20) - (9 \times 16)$ is:

- Ans**
- ☐ 1. 8
 - ☐ 2. 12
 - ☐ 3. 16
 - ☒ 4. 10

Q.5 Find the compound interest (in ₹) on ₹500 in 2 years at 20% per annum if the interest being compounded half-yearly.

- Ans**
- ☐ 1. 264.05
 - ☐ 2. 225.08
 - ☒ 3. 232.05
 - ☐ 4. 132.05

Q.6 The price of a bottle is first increased by 15% and later the price was decreased by 24% due to a reduction in sales. Find the net percentage change in the final price of the bottle.

- Ans**
- ☐ 1. Decrease of 13.9%
 - ☐ 2. Increase of 13.9%
 - ☒ 3. Decrease of 12.6%
 - ☐ 4. Increase of 12.6%

Q.7 The longest diagonal of a cube is $6\sqrt{3}$ cm. Find the total surface area of the cube.

- Ans
- ☐ 1. 648 cm^2
 - ☒ 2. 216 cm^2
 - ☐ 3. 36 cm^2
 - ☐ 4. 324 cm^2

Q.8 The following table gives the national income and the population of a country for the years 1984-85 to 1989-90.

Year	National Income (in crores)	Population (In crore)
1984-85	₹229.225	74.0
1985-86	₹261.174	75.0
1986-87	₹291.556	77.0
1987-88	₹329.200	78.5
1988-89	₹389.500	80.0
1989-90	₹434.500	81.5

What was the average national income (in crores) for the years 1987-88, 1988-89 and 1989-90?

- Ans
- ☐ 1. ₹398.2
 - ☐ 2. ₹396.2
 - ☒ 3. ₹384.4
 - ☐ 4. ₹392.4

Q.9 A microwave and a dish washing machine were sold for ₹27,000 each. If the microwave was sold at a gain of 25% and the dish washing machine at a loss of 25%. What is the overall profit% or loss% on the entire transaction?

- Ans
- ☒ 1. 6.25% loss
 - ☐ 2. 7.75% profit
 - ☐ 3. 5.50% loss
 - ☐ 4. 8.25% profit

Q.10 A bike crosses a bridge with a speed of 75 km/h. What will be the length (in km) of the bridge, if the bike takes 20 minutes to cross the bridge?

- Ans
- ☐ 1. 30
 - ☐ 2. 20
 - ☒ 3. 25
 - ☐ 4. 45

Q.11 A motorboat travelling at some speed can cover 28 km upstream and 40 km downstream in 11 hours. At the same speed it can travel 30 km downstream and 16 km upstream in 7 hours, then the speed of the stream is:

- Ans
- ☒ 1. 3 km/h
 - ☐ 2. 4 km/h
 - ☐ 3. 2 km/h
 - ☐ 4. 1 km/h

Q.12 A person invests ₹5,000 at a simple interest rate of 5% per annum for 5 years. At the end of 5 years, she reinvests the entire amount at the same rate of interest for another 3 years. What will be the total interest earned by the person at the end of 8 years?

- Ans**
- ☐ 1. ₹2,323.50
 - ☒ 2. ₹2,187.50
 - ☐ 3. ₹2,256.50
 - ☐ 4. ₹2,156.50

Q.13 Find a fourth proportional to the numbers 3, 9, 8.

- Ans**
- ☐ 1. 12
 - ☐ 2. 20
 - ☒ 3. 24
 - ☐ 4. 10

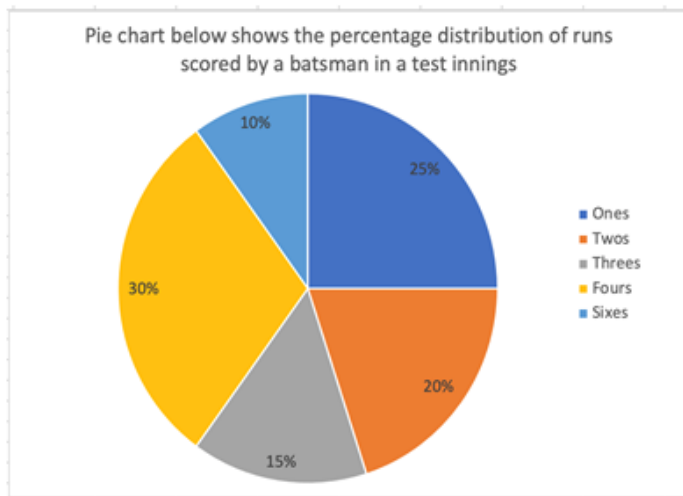
Q.14 A can complete a task in 10 days. He worked for 4 days and then stopped. B completed the remaining work in 9 days. In how many days can A and B together complete the task?

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

Q.15 A, B and C started a business. A's capital is 7 times the capital of C and B's capital is 2 times the capital of A. If the profit is ₹7,920, then find the share of C (in ₹).

- Ans**
- ☒ 1. 360
 - ☐ 2. 365
 - ☐ 3. 350
 - ☐ 4. 355

Q.16 The following Pie chart shows the percentage distribution of runs scored by a batsman in a test innings.



If the batsman has scored a total of 360 runs, how many 4's and 6's did he hit?

- Ans
- ☐ 1. 25 and 8
 - ☐ 2. 31 and 2
 - ☒ 3. 27 and 6
 - ☐ 4. 30 and 3

Q.17 The average expenditure of 32 persons is ₹6,000 and that of another 40 persons is ₹3,300. The average expenditure of the whole group is:

- Ans
- ☐ 1. ₹4,650
 - ☐ 2. ₹4,162
 - ☐ 3. ₹4,800
 - ☒ 4. ₹4,500

Q.18 A solid metallic cuboid of length 11 cm, breadth 8 cm and height 6 cm is melted and reshaped to form a cone of height 14 cm. What is the radius of the cone thus formed?

- Ans
- ☐ 1. 8 cm
 - ☒ 2. 6 cm
 - ☐ 3. 7 cm
 - ☐ 4. 9 cm

Q.19 P can complete $\frac{1}{5}$ of a work in 12 days and Q can complete $\frac{1}{6}$ of a work in 8 days. In how many days can both P and Q together complete the work?

- Ans
- ☐ 1. $22\frac{4}{5}$
 - ☒ 2. $26\frac{2}{3}$
 - ☐ 3. $25\frac{4}{5}$
 - ☐ 4. $24\frac{2}{3}$

Q.20 What is the average of natural numbers from 1 to 73?

- Ans
- ☐ 1. 30
 - ☐ 2. 34
 - ☐ 3. 28
 - ☒ 4. 37

Section : Reasoning Ability and Problem Solving

Q.1 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: Some laptops are pencils. Some pencils are rulers. All rulers are white.

Conclusion I: Some pencils are laptops.

Conclusion II: All rulers are pencils.

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

Q.2 Seven people, W, D, J, S, H, G and Y are sitting in a straight line, facing south. G sits second to the left of S. G is the immediate neighbour of D and H. Y sits third to the right of D. Only two people sit to the right of W.

Who sits at the extreme right end of the line?

- Ans
- ☐ 1. G
 - ☒ 2. J
 - ☐ 3. W
 - ☐ 4. Y

Q.3 Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)

Horse : Mare

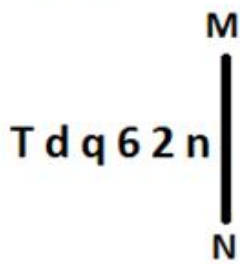
- Ans
- ☐ 1. Duck : Geese
 - ☐ 2. Donkey : Pony
 - ☒ 3. Fox : Vixen
 - ☐ 4. Dog : Puppy

Q.4 What will come in place of '?' in the following equation, if '+' and '÷' are interchanged and '×' and '-' are interchanged?

$$12 + 6 \times 5 - 7 \div 2 = ?$$

- Ans
- ☒ 1. -31
 - ☐ 2. -13
 - ☐ 3. -14
 - ☐ 4. -46

Q.5 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. n 2 @ p b L
 - ☒ 2. u 5 6 p b T
 - ☒ 3. n 5 @ d q T
 - ☒ 4. n 5 @ p b T

Q.6 If D means '-', C means '×', F means '+', B means '+', then what will come in place of the question mark (?) in the following equation?

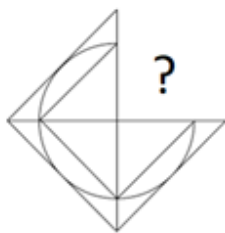
$$28 B 72 F 6 D 8 C 4 = ?$$

- Ans
- ☒ 1. 14
 - ☒ 2. 18
 - ☒ 3. 8
 - ☒ 4. 26

Q.7 4 is related to 14 following a certain logic. Following the same logic, 7 is related to 26. To which of the following is 9 related to, following the same logic?

- Ans
- ☒ 1. 37
 - ☒ 2. 34
 - ☒ 3. 36
 - ☒ 4. 35

Q.8 Identify the figure that completes the pattern (rotation is NOT allowed).



- Ans
- ☒ 1.
 - ☒ 2.
 - ☒ 3.
 - ☒ 4.

Q.9 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 crows are bananas. Some bananas are pink. All pink are white.

Conclusion I: Some crows are bananas.

Conclusion II: All bananas are pink.

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

Q.10 In a certain code language, 'TUNE' is coded as '4368' and 'UNIT' is coded as '8423'. What is the code for 'I' in the given code language?

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

Q.11 What should come in place of ? in the given series based on the English alphabetical order?

PVC, SUF, VTI, YSL, ?

- Ans**
- ☒ 1. BRO
 - ☐ 2. CSP
 - ☐ 3. CQR
 - ☐ 4. DRP

Q.12 2 is related to 7 following a certain logic. Following the same logic, 4 is related to 63. To which of the following is 9 related to, following the same logic?

- Ans**
- ☐ 1. 731
 - ☒ 2. 728
 - ☐ 3. 729
 - ☐ 4. 730

Q.13 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

DE _ D _ D _ E _ _ ED

- Ans**
- ☐ 1. EDDDED
 - ☒ 2. DEDDDD
 - ☐ 3. DEDEEE
 - ☐ 4. DDEDEE

Q.14 What should come in place of ? in the given series based on the English alphabetical order?

WAP, VEO, UIN, TMM, ?

- Ans
- ✓ 1. SQL
 - ✗ 2. QPN
 - ✗ 3. QSN
 - ✗ 4. RPM

Q.15 What should come in place of '?' in the given series?

14 43 130 391 1174 ?

- Ans
- ✗ 1. 3519
 - ✓ 2. 3523
 - ✗ 3. 3416
 - ✗ 4. 2476

Q.16 Which figure should replace the question mark (?) if the following figure series were to be continued?

T		□	O		Y	♥		↑	T		N	?				
O	N	L	Y	♥	□	A	↑	T	2	O	N		A	↑	△	Y
♥		↑	T		N	A		Y	♥		2					

Ans

- ✗ 1.

A			Y
♥	△	↑	2
T			N
- ✗ 2.

♥			2
△	A	↑	N
T			Y
- ✗ 3.

△			Y
T	K	♥	2
A			N
- ✓ 4.

A			Y
♥	K	T	2
△			N

Q.17 What should come in place of '?' in the given series?

11 91 811 ? 65611 590491 5314411

- Ans
- ☐ 1. 7912
 - ☐ 2. 7129
 - ☐ 3. 7921
 - ☒ 4. 7291

Q.18 In a certain code language, 'people talk about' is written as 'ki li ni' and 'let them talk' is written as 'si ki hi'. How is 'talk' written in the given language?

- Ans
- ☐ 1. ni
 - ☐ 2. li
 - ☐ 3. hi
 - ☒ 4. ki

Q.19 If 15 July 2010 is a Thursday, then what will be the day of the week on 5 June 2022?

- Ans
- ☐ 1. Tuesday
 - ☐ 2. Wednesday
 - ☐ 3. Monday
 - ☒ 4. Sunday

Q.20 What should come in place of ? in the given series?

22 24 28 30 34 ?

- Ans
- ☐ 1. 42
 - ☐ 2. 40
 - ☐ 3. 38
 - ☒ 4. 36

Section : **General Awareness**

Q.1 Ruturaj Gaikwad became the first batsman in List-A cricket to hit how many sixes in an over?

- Ans
- ☐ 1. 4
 - ☐ 2. 5
 - ☒ 3. 7
 - ☐ 4. 6

Q.2 The forces exerted on a body during a short period are known as:

- Ans
- ☐ 1. Tensile stress
 - ☐ 2. Pressure
 - ☐ 3. Surface tension
 - ☒ 4. Impulse

Q.3 Who coined the word 'cell' in the 1600s, from the Latin word 'cellula', meaning 'small room'?

- Ans**
- ☒ 1. Theodor Schwann
 - ☒ 2. Robert Hooke
 - ☐ 3. Louis Pasteur
 - ☐ 4. Lynn Margulis

Q.4 Camels are found in which type of forests in India from the following?

- Ans**
- ☐ 1. Tropical evergreen forests
 - ☐ 2. Mangrove forests
 - ☒ 3. The thorn forest and scrubs
 - ☐ 4. Montane forests

Q.5 India played the final of ODI Cricket World Cup 2011 against which country?

- Ans**
- ☒ 1. Sri Lanka
 - ☐ 2. Australia
 - ☐ 3. Pakistan
 - ☐ 4. England

Q.6 Which of the following is NOT a feature of the Indian political party system?

- Ans**
- ☒ 1. Single party system
 - ☐ 2. Multi-party system
 - ☐ 3. Factions and defections
 - ☐ 4. Lack of effective opposition

Q.7 The fundamental vocabulary of _____ dance constitutes mock combat techniques, stylised gaits of birds and animals and movements modelled on the chores of village housewives and mostly performed by male dancers in Eastern India.

- Ans**
- ☐ 1. Sattariya
 - ☐ 2. Manipuri
 - ☒ 3. Chhau
 - ☐ 4. Kathakali

Q.8 Which of the following ports is located in Odisha?

- Ans**
- ☐ 1. Kandla port
 - ☒ 2. Paradip Port
 - ☐ 3. Tuticorin Port
 - ☐ 4. Haldia port

Q.9 The Mohorovicic (Moho) discontinuity separates?

- Ans**
- ☒ 1. Earth's crust and the mantle
 - ☐ 2. Earth's crust and the inner core
 - ☐ 3. Earth's atmosphere and hydrosphere
 - ☐ 4. Earth's lithosphere and asthenosphere

Q.10 The Goa government launched a new scheme in November 2022 for which of the following?

- Ans**
- ☒ 1. Dev Darshan
 - ☐ 2. Goa Darshan
 - ☐ 3. Itihas Darshan
 - ☐ 4. Bharat Darshan

Q.11 Under whom among the following British Governor-Generals was the new policy of 'paramountcy' initiated in British India by the East India Company?

- Ans**
- ☐ 1. Lord Amherst
 - ☒ 2. Lord Hastings
 - ☐ 3. Lord Wellesley
 - ☐ 4. Lord Cornwallis

Q.12 Who was the Prime Minister of India when the Fundamental Duties were first incorporated in the Constitution of India?

- Ans**
- ☒ 1. Indira Gandhi
 - ☐ 2. Rajiv Gandhi
 - ☐ 3. Jawaharlal Nehru
 - ☐ 4. Atal Bihari Vajpayee

Q.13 Which Indian Musician was awarded with the Bharat Ratna in 2001?

- Ans**
- ☐ 1. Bhimsen Joshi
 - ☐ 2. Hariprasad Chaurasia
 - ☐ 3. Shivkumar Sharma
 - ☒ 4. Bismillah Khan

Q.14 The Red Fort is located in:

- Ans**
- ☐ 1. Lucknow
 - ☒ 2. Delhi
 - ☐ 3. Ahmedabad
 - ☐ 4. Indore

Q.15 Which of the following was the first Satyagraha Movement led by Mahatma Gandhi in British India?

- Ans**
- ☐ 1. Bardoli Satyagraha
 - ☒ 2. Champaran Satyagraha
 - ☐ 3. Kheda Satyagraha
 - ☐ 4. Rowlatt Satyagraha

Q.16 Dr. Teejan Bai, who was awarded by Padma Vibhushan (2019) is a renowned Indian folk singer and performer from the state of _____.

- Ans**
- ☒ 1. Chhattisgarh
 - ☐ 2. Himachal Pradesh
 - ☐ 3. Rajasthan
 - ☐ 4. Assam

Q.17 Rohini Bhate, Pandit Munnalal Shukla, Kumudini Lakhia and Uma Sharma are famous exponents of which of the following classical dance forms?

- Ans**
- ☐ 1. Kuchipudi
 - ☒ 2. Kathak
 - ☐ 3. Kathakali
 - ☐ 4. Bharatanatyam

Q.18 The author of 'Malgudi Days' is:

- Ans**
- ☐ 1. Vikram Seth
 - ☒ 2. RK Narayan
 - ☐ 3. Rabindranath Tagore
 - ☐ 4. Chetan Bhagat

Q.19 Which of the following States became the overall champions in both the men's and women's categories in the 2023 Janjatiya Khel Mahotsav?

- Ans**
- ☐ 1. Karnataka
 - ☐ 2. Jharkhand
 - ☒ 3. Odisha
 - ☐ 4. Chhattisgarh

Q.20 Paryushana Parva is a festival of which of the following communities?

- Ans**
- ☐ 1. Parsi
 - ☐ 2. Hindu
 - ☐ 3. Christian
 - ☒ 4. Jain

Q.21 In which year was the Pradhan Mantri Rojgar Protsahan Yojana (PMRPY) launched?

- Ans**
- ☒ 1. 2016
 - ☐ 2. 2015
 - ☐ 3. 2022
 - ☐ 4. 2018

Q.22 Who said the following?

“Money is what money does.”

- Ans**
- ☐ 1. Prof. Seligman
 - ☐ 2. Prof. Cole
 - ☐ 3. Prof. Robertson
 - ☒ 4. Prof. Walker

Q.23 Which of the following is a feature of Micro Finance Institutions?

- Ans**
- ☐ 1. Financial service to government employees
 - ☐ 2. Finance service to Union ministers
 - ☒ 3. Financial service to disadvantaged people
 - ☐ 4. Financial service to corporate

Q.24 Mohiniyattam is a classical dance style belongs to _____.

- Ans**
- ☐ 1. Tamil Nadu
 - ☐ 2. Odisha
 - ☐ 3. Manipur
 - ☒ 4. Kerala

Q.25 The film based on which of the following novels by Amrita Pritam won the National Film Award?

- Ans**
- ☐ 1. Village No.36
 - ☒ 2. Pinjar
 - ☐ 3. Nagmani
 - ☐ 4. Raseedi Ticket

Section : **English Language and Comprehension**

Q.1 Parts of the following sentence have been underlined and given as options. Select the option that contains a misspelt word. For every endeavour-whether in the area of career, academics, music, sports or even in spirituality, it is a long ardous journey.

- Ans**
- ☐ 1. academics
 - ☒ 2. ardous
 - ☐ 3. career
 - ☐ 4. endeavour

Q.2 Select the option that can be used as a one-word substitute for the given group of words.
Not fit for eating

- Ans**
- ☐ 1. Ineligible
 - ☒ 2. Inedible
 - ☐ 3. Ineluctable
 - ☐ 4. Inept

Q.3 Select the most appropriate synonym of the given word.
Pretend

- Ans**
- ☒ 1. Feign
 - ☐ 2. Align
 - ☐ 3. Benign
 - ☐ 4. Reign

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

- Ans**
- ☐ 1. Position
 - ☐ 2. Centre
 - ☐ 3. Coincide
 - ☒ 4. Disrupt

Q.5 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Everyone likes in watch a magic show.

- Ans**
- ☐ 1. like in watching
 - ☐ 2. likes to watching
 - ☒ 3. likes to watch
 - ☐ 4. liked in watch

Q.6 The following sentence has been split into four segments. Identify the segment that contains an error.
If he had paid / attention to the announcement, / he had not / missed the train.

- Ans**
- ☐ 1. If he had paid
 - ☒ 2. he had not
 - ☐ 3. attention to the announcement
 - ☐ 4. missed the train

Q.7 Select the most appropriate option to fill in the blank.
He is first _____ to his job and then to his family.

- Ans**
- ☒ 1. committed
 - ☐ 2. confirmed
 - ☐ 3. enabled
 - ☐ 4. convinced

Q.8 The given sentence contains an error. Select the option that correctly rectifies the error.
He is the better-looking hero in the entire film industry.

- Ans**
- ☒ 1. He is the best-looking hero in the entire film industry.
 - ☐ 2. He is the good-looking hero than the entire film industry.
 - ☐ 3. He is the good-looking hero in the entire film industry.
 - ☐ 4. He is the best-looking hero more than the entire film industry.

Q.9 The following sentence has been split into four segments. Identify the segment that contains a grammatical error and select the option which rectifies that error.

The space agency wanted / to test with a chimp / before orbiting a astronaut / in a Mercury capsule.

- Ans**
- ☒ 1. before orbiting an astronaut
 - ☐ 2. in an Mercury capsule.
 - ☐ 3. to test with an chimp
 - ☐ 4. The space agency want

Q.10 Select the most appropriate meaning of the given idiom.

Spill the beans

- Ans**
- ☐ 1. To believe something as it seems
 - ☐ 2. To cry over what is done
 - ☒ 3. To tell a secret
 - ☐ 4. To do things in a fair way

Q.11 Select the most appropriate meaning of the given idiom.
Child's play

- Ans**
- ☒ 1. In someone's role
 - ☒ 2. Something very easy
 - ☒ 3. Weakness
 - ☒ 4. Just behaviour

Q.12 Select the most appropriate option that can substitute the underlined segment in the given sentence.
If you need any help tomorrow, let him knows.

- Ans**
- ☒ 1. let us known
 - ☒ 2. let them knew
 - ☒ 3. let me know
 - ☒ 4. let him known

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence.

Helena loves to dig and played in the dirt like any other child.

- Ans**
- ☒ 1. play in the dirt
 - ☒ 2. plays of dirt
 - ☒ 3. playing with in dirt
 - ☒ 4. playing on dirt

Q.14 Select the most appropriate option that can substitute the underlined segment in the given sentence.
They said that he is not going to call them.

- Ans**
- ☒ 1. he has not gone to call then
 - ☒ 2. they are not going to call them
 - ☒ 3. he shall not call them
 - ☒ 4. he was not going to call them

Q.15 Select the option that rectifies the spelling of the underlined word in the given sentence.

One of her colleagues had agreed to act as the arbitratore in finalising the contract.

- Ans**
- ☒ 1. arbitrator
 - ☒ 2. arbitraitor
 - ☒ 3. arbitetrator
 - ☒ 4. arbitor

Q.16 Select the most appropriate synonym of the given word.
Tedious

- Ans**
- ☒ 1. Dynamic
 - ☒ 2. Dreary
 - ☒ 3. Hostile
 - ☒ 4. Carefree

Q.17 Select the most appropriate meaning of the underlined idiom.

The entrepreneur decided to throw caution to the wind.

- Ans**
- ☒ 1. Take the best option
 - ☒ 2. Take a risk
 - ☒ 3. Think innovatively
 - ☒ 4. In extreme windy conditions

Q.18 Select the most appropriate meaning of the underlined idiom.
The mother requested the nurse to keep an eye on the baby while she went for tea.

- Ans**
- ☒ 1. Watch for the arrival or appearance
 - ☒ 2. Mistreat
 - ☒ 3. Watch and take care
 - ☒ 4. Keep informed

- Q.19** Select the most appropriate option that can substitute the underlined segment in the given sentence.
The development of skills can contribute to structural transformation and economic growth in enhance employability and labour productivity and helping countries to become more competitive.
- Ans**  1. by enhanced employability
 2. about enhancing employability
 3. by enhancing employability
 4. for enhanced employability

- Q.20** Select the option that rectifies the spelling of the underlined word in the given sentence.
- The tour company has included all the activities that you have requested in your itenarary.
- Ans**  1. itinerary
 2. itenaryry
 3. itenerarey
 4. itinerarey

Comprehension:

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 will only be two types of human beings in the future: the minority having enormous brains and (1)_____ bodies, and the majority with tiny brains and muscular bodies. The size of the average brain will (2)_____ diminish; not because of our innate laziness, but because of our over-concern about our physical appearance. In the old days, most people dreamt of having shelter and a stable food supply. As we no longer struggle for the basic (3)_____, our dreams focus instead on the search for physical beauty, how to obtain and maintain the 'ideal body shape' and healthy life the media promotes. Physical beauty will become the main goal of the majority. They'll do exercises every day, taking (4)_____ to maintain their shape while not noticing that their brains are shrinking. Actually, there is no doubt that they'll work (5)_____ hard to make their brains smaller.

SubQuestion No : 21

- Q.21** Select the most appropriate option to fill in blank number 1.
- Ans**  1. cute
 2. tiny
 3. minute
 4. minor

Comprehension:

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 will only be two types of human beings in the future: the minority having enormous brains and (1)_____ bodies, and the majority with tiny brains and muscular bodies. The size of the average brain will (2)_____ diminish; not because of our innate laziness, but because of our over-concern about our physical appearance. In the old days, most people dreamt of having shelter and a stable food supply. As we no longer struggle for the basic (3)_____, our dreams focus instead on the search for physical beauty, how to obtain and maintain the 'ideal body shape' and healthy life the media promotes. Physical beauty will become the main goal of the majority. They'll do exercises every day, taking (4)_____ to maintain their shape while not noticing that their brains are shrinking. Actually, there is no doubt that they'll work (5)_____ hard to make their brains smaller.

SubQuestion No : 22

- Q.22** Select the most appropriate option to fill in blank number 2.
- Ans**  1. appropriately
 2. gradually
 3. slightly
 4. properly

Comprehension:

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 will only be two types of human beings in the future: the minority having enormous brains and (1)_____ bodies, and the majority with tiny brains and muscular bodies. The size of the average brain will (2)_____ diminish; not because of our innate laziness, but because of our over-concern about our physical appearance. In the old days, most people dreamt of having shelter and a stable food supply. As we no longer struggle for the basic (3)_____, our dreams focus instead on the search for physical beauty, how to obtain and maintain the 'ideal body shape' and healthy life the media promotes. Physical beauty will become the main goal of the majority. They'll do exercises every day, taking (4)_____ to maintain their shape while not noticing that their brains are shrinking. Actually, there is no doubt that they'll work (5)_____ hard to make their brains smaller.

SubQuestion No : 23

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

- Ans**
- ☐ 1. amenities
 - ☐ 2. facilities
 - ☐ 3. identities
 - ☒ 4. necessities

Comprehension:

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 will only be two types of human beings in the future: the minority having enormous brains and (1)_____ bodies, and the majority with tiny brains and muscular bodies. The size of the average brain will (2)_____ diminish; not because of our innate laziness, but because of our over-concern about our physical appearance. In the old days, most people dreamt of having shelter and a stable food supply. As we no longer struggle for the basic (3)_____, our dreams focus instead on the search for physical beauty, how to obtain and maintain the 'ideal body shape' and healthy life the media promotes. Physical beauty will become the main goal of the majority. They'll do exercises every day, taking (4)_____ to maintain their shape while not noticing that their brains are shrinking. Actually, there is no doubt that they'll work (5)_____ hard to make their brains smaller.

SubQuestion No : 24

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

- Ans**
- ☐ 1. preservatives
 - ☐ 2. additives
 - ☐ 3. nutrition
 - ☒ 4. nutrients

Comprehension:

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 will only be two types of human beings in the future: the minority having enormous brains and (1)_____ bodies, and the majority with tiny brains and muscular bodies. The size of the average brain will (2)_____ diminish; not because of our innate laziness, but because of our over-concern about our physical appearance. In the old days, most people dreamt of having shelter and a stable food supply. As we no longer struggle for the basic (3)_____, our dreams focus instead on the search for physical beauty, how to obtain and maintain the 'ideal body shape' and healthy life the media promotes. Physical beauty will become the main goal of the majority. They'll do exercises every day, taking (4)_____ to maintain their shape while not noticing that their brains are shrinking. Actually, there is no doubt that they'll work (5)_____ hard to make their brains smaller.

SubQuestion No : 25

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

- Ans**
- ☐ 1. so
 - ☒ 2. extremely
 - ☐ 3. rarely
 - ☐ 4. impishly

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	14/09/2023
Exam Time	9:00 AM - 11:00 AM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 The ratio of two numbers is 7 : 11 and their LCM is 462. What is the difference between these two numbers?

- Ans**
- ☐ 1. 30
 - ☐ 2. 28
 - ☒ 3. 24
 - ☐ 4. 26

Q.2 The distance between two towns is covered in 9 hours at a speed of 60 kmph. By how much should the speed (in km/h) be increased so that 1 hour of the travelling time is saved?

- Ans**
- ☐ 1. 10
 - ☒ 2. 7.5
 - ☐ 3. 12.5
 - ☐ 4. 15

Q.3 A and B can do a piece of work in 30 days and 40 days, respectively. They began the work together but after a certain time, A leaves off and B completed the remaining work in 25 days. After how many days did A leave?

- Ans**
- ☒ 1. $6\frac{3}{7}$
 - ☐ 2. $5\frac{2}{7}$
 - ☐ 3. $5\frac{3}{7}$
 - ☐ 4. $6\frac{1}{7}$

Q.4 A man decided to cover 7.5 km in 72 minutes. He decided to cover two thirds of the distance at 5 km/h and the remaining at some different speed. Find the speed after two third distance has been covered.

- Ans**
- ☐ 1. 15.5 km/h
 - ☐ 2. 14.3 km/h
 - ☒ 3. 12.5 km/h
 - ☐ 4. 10 km/h

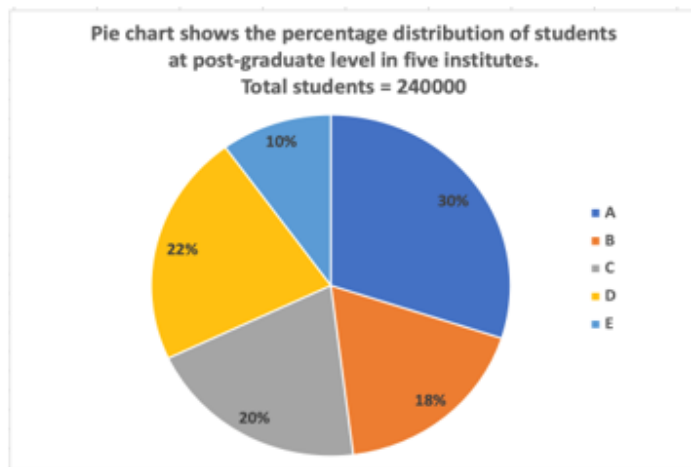
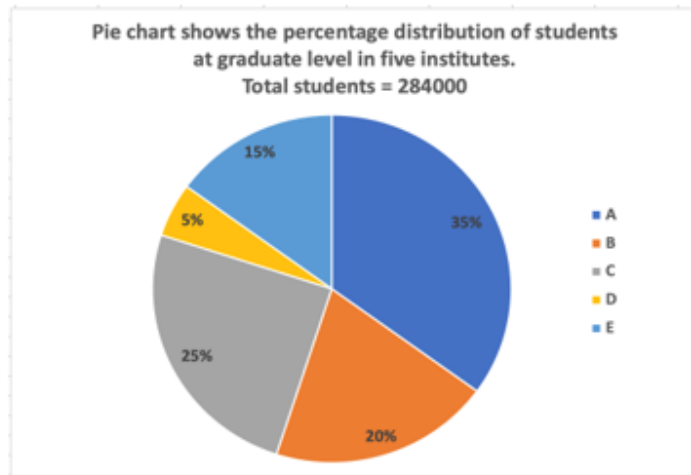
Q.5 Rickey spends 35% of his salary on groceries, 15% on loans, 14% on electricity bills and 6% on miscellaneous. If his savings at the end of a month are ₹2,400, then his salary per month (in ₹) is:

- Ans
- ☒ 1. 6,000
 - ☒ 2. 4,000
 - ☒ 3. 8,000
 - ☒ 4. 5,828

Q.6 Mr. Kalra borrowed ₹1,35,000 to meet the expenses of his son's education. If the rate of interest is 12% per annum compounded annually, then how much amount will he have to make after 2 years and 3 months to settle the account?

- Ans
- ☒ 1. ₹1,49,920.32
 - ☒ 2. ₹1,74,760
 - ☒ 3. ₹1,50,640.40
 - ☒ 4. ₹1,74,424.32

Q.7 The following pie-charts show the distribution of students of graduate and post-graduate levels in five different institutes in a city.



What is the total number of students from institutes A, C and E at the graduate level and from institutes B and D at the post-graduate level?

- Ans
- ☒ 1. 309000
 - ☒ 2. 390000
 - ☒ 3. 300090
 - ☒ 4. 300900

Q.8 The diameter of the base of a cylindrical vessel is 30 cm and its height is 56 cm. Find its curved surface area (in cm^2).

- Ans
- ☐ 1. 5080
 - ☐ 2. 6080
 - ☐ 3. 6280
 - ☒ 4. 5280

Q.9 A certain sum is invested at a simple interest rate of 12% per annum for a certain period of time. If the sum becomes four times the principal at the end of the period, what is the duration of the investment?

- Ans
- ☐ 1. 22 years
 - ☐ 2. 24 years
 - ☒ 3. 25 years
 - ☐ 4. 20 years

Q.10 The length, breadth and height of a cuboid are in the ratio of 6 : 4 : 3. If the total surface area of the cuboid is 972 cm^2 , what is the length (in cm) of the diagonal of the cuboid?

- Ans
- ☐ 1. $5\sqrt{61}$
 - ☐ 2. $5\sqrt{65}$
 - ☐ 3. $3\sqrt{65}$
 - ☒ 4. $3\sqrt{61}$

Q.11 Mixture 1 with a volume of 8 litres has 80% milk and Mixture 2 with a volume of 6 litres has 60% milk. Both the mixtures are mixed. Find the percentage of milk in the final mixture.

- Ans
- ☒ 1. $\frac{500}{7}$
 - ☐ 2. $\frac{800}{9}$
 - ☐ 3. $\frac{500}{9}$
 - ☐ 4. $\frac{600}{7}$

Q.12 Three numbers are in the ratio 1 : 2 : 3. By adding 5 to each of the numbers then the ratio changes to 2 : 3 : 4. The smallest number is:

- Ans
- ☐ 1. 12
 - ☐ 2. 15
 - ☐ 3. 20
 - ☒ 4. 5

Q.13 Simplify: $6\frac{4}{5} \div \left[4\frac{1}{4} \div \left\{ 5\frac{1}{3} \times \frac{3}{8} + \left(3\frac{1}{2} + \frac{2}{3} \right) \times \frac{4}{5} \right\} \right]$

- Ans
- ☐ 1. $7\frac{8}{15}$
 - ☐ 2. $8\frac{8}{25}$
 - ☐ 3. $7\frac{8}{25}$
 - ☒ 4. $8\frac{8}{15}$

Q.14 Study the given table and answer the question that follows.

The table shows the number of students appeared and passed in different fields in a University.

Years	Medical		Engineering		Commerce		Management	
	Appeared	Passed	Appeared	Passed	Appeared	Passed	Appeared	Passed
2010	300	250	460	256	380	352	365	322
2011	345	320	440	365	401	354	314	314
2012	280	240	384	327	460	400	378	344
2013	310	230	390	290	430	392	387	353
2014	450	380	415	358	388	352	270	227
2015	380	286	486	456	366	315	290	257

What percentage of total students appearing in 2011, appeared in the medical field?

- Ans
- ☐ 1. 21%
 - ☒ 2. 23%
 - ☐ 3. 25%
 - ☐ 4. 20%

Q.15 In a class of boys and girls, the number of girls is twice the number of boys. If 20 more boys join the class, the ratio of girls and boys is 1 : 1. How many total students were there in the class initially?

- Ans
- ☐ 1. 75
 - ☐ 2. 90
 - ☐ 3. 45
 - ☒ 4. 60

Q.16 Atul sells goods to a customer at a profit of P%. If the cost price of the goods for the customer is ₹1,50,000 and Atul makes a profit of ₹30,000, then what is the value of P?

- Ans
- ☐ 1. 28
 - ☐ 2. 20
 - ☒ 3. 25
 - ☐ 4. 22

Q.17 A jewel was sold passing through 3 hands and on the whole, its price is raised by 80%. The first seller earns 20% profit and the second seller earns 25% profit, respectively. Find the percentage of profit earned by the third seller.

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

Q.18 6 skilled workers can complete a work in 4 days. After three days 3 more skilled workers joined them. How many days will they now take to complete the remaining work?

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

Q.19 Amit drove for 6 hours at a speed of 60 miles per hour and for 6 hours at 40 miles per hour. What was his average speed (in miles per hour) for the whole journey?

- Ans**
- ☐ 1. 46
 - ☒ 2. 50
 - ☐ 3. 44
 - ☐ 4. 48

Q.20 A thief is spotted by a policeman from a distance of 250 m. When the policeman starts chase, the thief also starts running. Assuming that the speed of the thief is 10 km/h and that of the policeman is 12.5 km/h. How far will have the thief run before he is caught?

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

Section : Reasoning Ability and Problem Solving

Q.1 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 trucks are bikes. All bikes are carts. Some carts are pens.

Conclusion I: Some trucks are carts.

Conclusion II: No bikes are pens.

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

Q.2 Which figure should replace the question mark (?) if the following figure series were to be continued?

X	9	B	☆	T	L	9	X	
	☆		L		X		B	
B	L	T	X	T	9	9	B	☆
						T	☆	L
								?

Ans

✗ 1.

L		B
	T	
☆	X	9

✗ 2.

X		B
	9	
L	T	☆

✗ 3.

L		T
	☆	
X	B	9

✓ 4.

☆		B
	T	
L	9	X

Q.3 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$357 \times 7 + 19 \div 2 - 38 = ?$$

Ans ✗ 1. 61

✓ 2. 51

✗ 3. 41

✗ 4. 71

Q.4 Kiran, Pihu, Siya, Leena, Reena and Jiya are sitting around a circular table facing the centre. Kiran sits 3rd to the right of Pihu. Siya sits 2nd to the right of Kiran. Leena sits 3rd to the left of Siya. Reena is an immediate neighbour of Leena. Who sits to the immediate left of Jiya?

Ans ✗ 1. Leena

✓ 2. Kiran

✗ 3. Pihu

✗ 4. Siya

Q.5 In a certain code language, 'MENTOR' is coded as 'EMOUPS' and 'OCTAGON' is coded as 'COUBHPO'. What is the code for 'PENCIL' in the given code language?

- Ans**
- ☐ 1. PLICNE
 - ☐ 2. EPLICN
 - ☒ 3. EPODJM
 - ☐ 4. LINCENP

Q.6 Select the combination of letters that when sequentially placed in the blanks of the given series will make it logically complete.

PYJ_ S_LM _YNM YY_M B_RM

- Ans**
- ☐ 1. MHAPV
 - ☐ 2. PMGHY
 - ☒ 3. MYVPY
 - ☐ 4. HAPPY

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 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, 42, 7)
(12, 34, 5)

- Ans**
- ☐ 1. 25, 131, 2
 - ☒ 2. 43, 144, 29
 - ☐ 3. 17, 102, 5
 - ☐ 4. 36, 702, 2

Q.8 What should come in place of '?' in the given series?

14 85 511 3067 18403 ?

- Ans**
- ☐ 1. 110119
 - ☐ 2. 110581
 - ☐ 3. 110279
 - ☒ 4. 110419

Q.9 If 5th May 2010 is Wednesday, then what will be the day of the week on 5th June 2022?

- Ans**
- ☒ 1. Sunday
 - ☐ 2. Tuesday
 - ☐ 3. Wednesday
 - ☐ 4. Monday

Q.13 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: Some chargers are metal. All metal are hard. Some hard are stools.

Conclusion I: All chargers are metal.

Conclusion II: Some stools are hard.

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

Q.14 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

_ FFEF _ _ FF _ F _

- Ans**
- ☐ 1. EFFE
 - ☐ 2. EFFEE
 - ☒ 3. EFEEF
 - ☐ 4. EEEFE

Q.15 What should come in place of ? in the given series?

26 37 59 92 136 ?

- Ans**
- ☐ 1. 193
 - ☐ 2. 192
 - ☒ 3. 191
 - ☐ 4. 190

Q.16 In a certain code language, 'NAIL' is coded as '2637' and 'LANE' is coded as '3278'. What is the code for 'E' in the given code language?

- Ans**
- ☐ 1. 2
 - ☒ 2. 8
 - ☐ 3. 3
 - ☐ 4. 7

Q.17 428 is related to 317 following a certain logic. Following the same logic, 285 is related to 174. To which of the following is 597 related to, following the same logic?

- Ans**
- ☐ 1. 386
 - ☐ 2. 368
 - ☐ 3. 468
 - ☒ 4. 486

Q.18 What should come in place of the question mark (?) in the given series based on the English alphabetical order?

YFD, VJA, SNX, PRU, ?

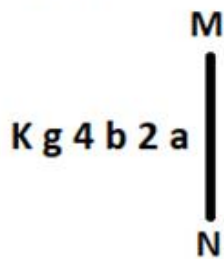
- Ans
- ☒ 1. NWR
 - ☒ 2. NWS
 - ☒ 3. MXS
 - ☒ 4. MVR

Q.19 What should come in place of '?' in the given series?

3 21 111 561 2811 ?

- Ans
- ☒ 1. 13468
 - ☒ 2. 12952
 - ☒ 3. 14061
 - ☒ 4. 12786

Q.20 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ☒ 1. e z q 4 g K
 - ☒ 2. a S d 4 g K
 - ☒ 3. e S b 4 g K
 - ☒ 4. a 2 d 4 g K

Section : General Awareness

Q.1 Which Indian musician is associated with the tabla?

- Ans
- ☒ 1. Zakir Hussain
 - ☒ 2. Ilaiyaraja
 - ☒ 3. Pandit Ravishankar
 - ☒ 4. Ustad Bismillah Khan

Q.2 _____ was the first Indian woman to write an autobiography and also the first to do so in Bengali in her book titled 'Aamar Jiban', which was published in 1876.

- Ans
- ☒ 1. Manikuntala Sen
 - ☒ 2. Sarala Devi Chaudhurani
 - ☒ 3. Rassundari Devi
 - ☒ 4. Santisudha Ghosh

Q.3 G Krishnakumar was appointed chairman of which of the following in 2023?

- Ans
- ☒ 1. Bharat Petroleum Corporation Limited
 - ☒ 2. Indian Oil Corporation Limited
 - ☒ 3. Hindustan Petroleum Corporation Limited
 - ☒ 4. Oil and Natural Gas Corporation Limited

Q.4 Match the following performances of Indian naatya, which were presented by the means of variegated components:

- 1) Angika (a) costumes and make-up
- 2) Vachika (b) depiction of mental or psychological states
- 3) Aharya (c) spoken words
- 4) Sattvika (d) gestures and other bodily movements

Ans ☒ 1. 1-c, 2-a, 3-b, 4-d

☒ 2. 1-c, 2-b, 3-d, 4-a

☒ 3. 1-d, 2-c, 3-a, 4-b

☒ 4. 1-a, 2-b, 3-d, 4-c

Q.5 On whose advice did Gandhiji spend a year travelling around British India to know the people of India?

Ans ☒ 1. Shrimad Rajchandra

☒ 2. Krishnashankar Pandya

☒ 3. Gopal Krishna Gokhale

☒ 4. Mohammad Ali Jinnah

Q.6 In which year has the Government of India instituted Arjuna Award to recognise outstanding achievement in national sports events?

Ans ☒ 1. 1961

☒ 2. 1963

☒ 3. 1964

☒ 4. 1962

Q.7 Carbohydrates are utilised by the human body in the form of:

Ans ☒ 1. glucose

☒ 2. fibre

☒ 3. amino acids

☒ 4. nucleotides

Q.8 Which of the following rocks are formed when shale undergoes metamorphism?

Ans ☒ 1. Basalt

☒ 2. Slate

☒ 3. Conglomerate

☒ 4. Sandstone

Q.9 Identify the vector quantity among these listed physical quantities?

Ans ☒ 1. Gravitational Intensity

☒ 2. Energy

☒ 3. Density

☒ 4. Mass

Q.10 Which state is ranked first in India according to the first Multidimensional Poverty Index (MPI) 2021 report of the NITI Aayog?

- Ans**
- ☐ 1. Uttar Pradesh
 - ☒ 2. Bihar
 - ☐ 3. Jharkhand
 - ☐ 4. Chhattisgarh

Q.11 The Kolar region of Karnataka is famous for which mineral from the following?

- Ans**
- ☐ 1. Petroleum
 - ☒ 2. Gold
 - ☐ 3. Copper
 - ☐ 4. Coal

Q.12 'The Palace of Illusions', a rendition of the Hindu epic 'Mahabharata', was written by which of the following novelists?

- Ans**
- ☐ 1. Indu Sundaresan
 - ☐ 2. Pratibha Ray
 - ☒ 3. Chitra Banerjee Divakaruni
 - ☐ 4. Devi Yesodharan

Q.13 According to the Census of India 2011, what was the population density recorded in Bihar?

- Ans**
- ☐ 1. 980 persons/km²
 - ☐ 2. 1320 persons/km²
 - ☒ 3. 1106 persons/km²
 - ☐ 4. 1050persons/km²

Q.14 To which of the state does Sattriya classical dance belong?

- Ans**
- ☐ 1. Madhya Pradesh
 - ☒ 2. Assam
 - ☐ 3. Maharashtra
 - ☐ 4. Karnataka

Q.15 Which of the following is NOT a function of money?

- Ans**
- ☐ 1. Unit of account
 - ☐ 2. Store of value
 - ☒ 3. Barter system
 - ☐ 4. Medium of exchange

Q.16 PT Usha was elected as the president of which association in December 2022?

- Ans**
- ☐ 1. Haryana Olympic Association
 - ☐ 2. National Rifle Association of India
 - ☐ 3. Badminton Association of India
 - ☒ 4. Indian Olympic Association

Q.17 What is the full form of UPSC?

- Ans**
- ☐ 1. United Public Security Commission
 - ☐ 2. United Power & Security Commission
 - ☒ 3. Union Public Service Commission
 - ☐ 4. Union Private Service Committee

Q.18 'Atla Taddi', a festival celebrated by married and unmarried women alike to seek the blessings of Devi Gauri for a long and happy married life and a suitable groom, respectively, is celebrated in _____.

- Ans**
- ☐ 1. Kerala
 - ☒ 2. Andhra Pradesh
 - ☐ 3. Odisha
 - ☐ 4. Chhattisgarh

Q.19 Which musical instrument does N Rajam play?

- Ans**
- ☐ 1. Santoor
 - ☐ 2. Sitar
 - ☒ 3. Violin
 - ☐ 4. Guitar

Q.20 In Fencing, a contest between the two fencers is known as:

- Ans**
- ☐ 1. riposte
 - ☐ 2. remise
 - ☒ 3. bout
 - ☐ 4. parry

Q.21 Where is the Vivekanand Rock Memorial situated?

- Ans**
- ☒ 1. Kanyakumari
 - ☐ 2. Chennai
 - ☐ 3. Port Blair
 - ☐ 4. Vishakhapatnam

Q.22 Under which Act was the rule of British Crown established over India?

- Ans**
- ☐ 1. Regulating Act of 1773
 - ☐ 2. Government of India Act 1833
 - ☒ 3. Government of India Act 1858
 - ☐ 4. Charter Act of 1813

Q.23 Which of the following fundamental duties was added to the Indian Constitution by the 86th Constitutional Amendment Act, 2002?

- Ans**
- ☒ 1. To provide opportunities for education to his/her child or, as the case may be, ward between the age of six and fourteen years
 - ☐ 2. To cherish and follow the noble ideals which inspired our national struggle for freedom
 - ☐ 3. To protect and to improve the natural environment including forests, lakes, rivers and wildlife, and to have compassion for living creatures
 - ☐ 4. To abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem

Q.24 Who among the following was a renowned dancer and the first person from Odisha to receive 'Padma Vibhushan' in 2000?

- Ans**
- ☐ 1. Gangadhar Pradhan
 - ☐ 2. Prabhat Swain
 - ☐ 3. Mayadhar Raut
 - ☒ 4. Kelucharan Mohapatra

Q.25 Which deficit indicates the borrowing requirements of the government?

- Ans**
- ☐ 1. Primary deficit
 - ☒ 2. Fiscal deficit
 - ☐ 3. Revenue deficit
 - ☐ 4. Capital deficit

Section : English Language and Comprehension

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence.

He push the bushes aside and went a little farther.

- Ans**
- ☐ 1. pushing the bush
 - ☒ 2. pushed the bushes
 - ☐ 3. pushed with bush
 - ☐ 4. pushes in bush

Q.2 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Ramesh is owning a beautiful house in Noida.

- Ans**
- ☒ 1. owns
 - ☐ 2. has owning
 - ☐ 3. was owned
 - ☐ 4. did owned

Q.3 Select the most appropriate response in the given situation of the eve of a battle to fill in the blank.
The commander: "Honourable Emperor, all the troops have lined up for the battle and are awaiting your orders." Emperor Chandragupta Maurya: "_____."

- Ans**
- ☒ 1. We will march at dawn.
 - ☐ 2. We are ready for the pilgrimage.
 - ☐ 3. You should learn how to talk to an emperor.
 - ☐ 4. We will be playing cards.

Q.4 Select the most appropriate synonym of the given word.
Plunge

- Ans**
- ☐ 1. Transgress
 - ☐ 2. Rush
 - ☒ 3. Dive
 - ☐ 4. Fly

Q.5 The following sentence contains some errors. Select the option that correctly rectifies the error.
The forses that genearate conditions conduciive to crime and riots are stronger in urban communities than in rurral areas.

- Ans**
- ☒ 1. The forces that generate conditions conducive to crime and riots are stronger in urban communities than in rural areas.
 - ☐ 2. The forsec that genearate conditions conduciive to crime and riots are stronger in urban communities than in rurall areas.
 - ☐ 3. The forces that genarete conditions conduciive to crime and riots are stronger in urban communities than in ruraal areas.
 - ☐ 4. The forces that genereta conditions conducieve to crime and riotts are stronger in urban communities than in rural areas.

Q.6 Select the INCORRECTLY spelt word in the given sentence.
All the members of my family are planning to visit Jammu and Kashmir this Novembur.

- Ans**
- ☐ 1. Planning
 - ☒ 2. Novembur
 - ☐ 3. Visit
 - ☐ 4. Members

Q.7 Select the most appropriate synonym of the underlined word.
The girl was manacled and locked in the room.

- Ans**
- ☐ 1. unbinded
 - ☐ 2. unfastened
 - ☒ 3. fettered
 - ☐ 4. liberated

Q.8 Select the most appropriate ANTONYM of the underlined word.
Addiction of drugs proved detrimental for his health.

- Ans**
- ☒ 1. Beneficial
 - ☐ 2. Impartial
 - ☐ 3. Potential
 - ☐ 4. Differential

Q.9 Select the most appropriate option to fill in the blank.
Dr. APJ Abdul Kalam was a great man with a high level of _____.

- Ans**
- ☐ 1. wise boredom
 - ☐ 2. clever fatigue
 - ☐ 3. intelligent humour
 - ☒ 4. intellect

Q.10 Select the most appropriate option that can substitute the underlined segment in the given sentence.

I found my teacher's points casual and informal in the group discussion.

- Ans**
- ☐ 1. flesh and blood
 - ☒ 2. free and easy
 - ☐ 3. foot the bill
 - ☐ 4. fair and square

Q.11 Select the most appropriate meaning of the underlined idiom in the given sentence.

Today's question paper felt like a cakewalk.

- Ans**
- ☐ 1. Very sweet
 - ☐ 2. Very tasty
 - ☐ 3. Very difficult
 - ☒ 4. Very easy

Q.12 Parts of the following sentence have been given as options. Select the option that contains an error.
When Nisha will have finished her task?

- Ans**
- ☐ 1. have
 - ☐ 2. her task
 - ☐ 3. finished
 - ☒ 4. When Nisha will

Q.13 Select the option that can be used as a one-word substitute for the given group of words.
Copying someone else's work and trying to submit it as your own

- Ans**
- ☐ 1. Preamble
 - ☒ 2. Plagiarism
 - ☐ 3. Polygamy
 - ☐ 4. Extempore

Q.14 Select the most appropriate meaning of the underlined idiom.
We prefer going to movies once in a blue moon.

- Ans**
- ☐ 1. Very amazingly
 - ☐ 2. Very often
 - ☒ 3. Very rarely
 - ☐ 4. Very diligently

Q.15 Parts of the following sentence have been given as options. Select the option that contains an error.
Ravi will go to the England.

- Ans**
- ☐ 1. Ravi
 - ☐ 2. go to
 - ☐ 3. will
 - ☒ 4. the England

Q.16 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Vehicle
 - ☒ 2. Tomatos
 - ☐ 3. Weather
 - ☐ 4. Professor

Q.17 Select the word which means the same as the group of words given.
One who is all powerful.

- Ans**
- ☐ 1. Omnipresent
 - ☐ 2. Omniscient
 - ☒ 3. Omnipotent
 - ☐ 4. Optimist

Q.18 Select the most appropriate option that can rectify the underlined segment in the given sentence. If there is no need to rectify it, select 'no rectification needed'.

I used a variety of sources to find the more cheap flight.

- Ans**
- ☒ 1. cheap
 - ☒ 2. cheaper
 - ☒ 3. no rectification needed
 - ☒ 4. cheapest

Q.19 The following sentence has been split into four segments. Identify the segment that contains an error.
My father told me / that in his childhood / he was walking / to school every day.

- Ans**
- ☒ 1. My father told me
 - ☒ 2. to school every day
 - ☒ 3. that in his childhood
 - ☒ 4. he was walking

Q.20 Select the most appropriate meaning of the given idiom.
Beauty of it

- Ans**
- ☒ 1. Quite ordinary
 - ☒ 2. Make things worse
 - ☒ 3. Good points
 - ☒ 4. Cause for dispute

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.

Modern football (1)_____ in Britain in the 19th century. Since before medieval times, 'folk football' games had been played in towns and villages according to local customs and with a (2)_____ of rules. Industrialisation and (3)_____, which reduced the amount of leisure time and space available to the working class, combined with a history of legal prohibitions against particularly (4)_____ and destructive forms of folk football to undermine the game's status from the early 19th century onward. However, football was taken up as a winter game between residence houses at public (independent) schools such as Winchester, Charterhouse and Eton. Each school had its own rules; some allowed limited handling of the ball and others did not. The (5)_____ in rules made it difficult for public schoolboys entering university to continue playing except with former schoolmates.

SubQuestion No : 21

Q.21 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. terminated
 - ☒ 2. fragmented
 - ☒ 3. culminated
 - ☒ 4. originated

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.

Modern football (1)_____ in Britain in the 19th century. Since before medieval times, 'folk football' games had been played in towns and villages according to local customs and with a (2)_____ of rules. Industrialisation and (3)_____, which reduced the amount of leisure time and space available to the working class, combined with a history of legal prohibitions against particularly (4)_____ and destructive forms of folk football to undermine the game's status from the early 19th century onward. However, football was taken up as a winter game between residence houses at public (independent) schools such as Winchester, Charterhouse and Eton. Each school had its own rules; some allowed limited handling of the ball and others did not. The (5)_____ in rules made it difficult for public schoolboys entering university to continue playing except with former schoolmates.

SubQuestion No : 22

Q.22 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. maximum
 - ☒ 2. minimum
 - ☒ 3. variance
 - ☒ 4. optimum

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.

Modern football (1)_____ in Britain in the 19th century. Since before medieval times, 'folk football' games had been played in towns and villages according to local customs and with a (2)_____ of rules. Industrialisation and (3)_____, which reduced the amount of leisure time and space available to the working class, combined with a history of legal prohibitions against particularly (4)_____ and destructive forms of folk football to undermine the game's status from the early 19th century onward. However, football was taken up as a winter game between residence houses at public (independent) schools such as Winchester, Charterhouse and Eton. Each school had its own rules; some allowed limited handling of the ball and others did not. The (5)_____ in rules made it difficult for public schoolboys entering university to continue playing except with former schoolmates.

SubQuestion No : 23

Q.23 Select the most appropriate option to fill in blank no. 3.

- Ans**
- ☒ 1. normalisation
 - ☒ 2. urbanisation
 - ☒ 3. implementation
 - ☒ 4. standardisation

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.

Modern football (1)_____ in Britain in the 19th century. Since before medieval times, 'folk football' games had been played in towns and villages according to local customs and with a (2)_____ of rules. Industrialisation and (3)_____, which reduced the amount of leisure time and space available to the working class, combined with a history of legal prohibitions against particularly (4)_____ and destructive forms of folk football to undermine the game's status from the early 19th century onward. However, football was taken up as a winter game between residence houses at public (independent) schools such as Winchester, Charterhouse and Eton. Each school had its own rules; some allowed limited handling of the ball and others did not. The (5)_____ in rules made it difficult for public schoolboys entering university to continue playing except with former schoolmates.

SubQuestion No : 24

Q.24 Select the most appropriate option to fill in blank no. 4.

- Ans**
- ☒ 1. violent
 - ☒ 2. calm
 - ☒ 3. traces
 - ☒ 4. undercurrents

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.

Modern football (1)_____ in Britain in the 19th century. Since before medieval times, 'folk football' games had been played in towns and villages according to local customs and with a (2)_____ of rules. Industrialisation and (3)_____, which reduced the amount of leisure time and space available to the working class, combined with a history of legal prohibitions against particularly (4)_____ and destructive forms of folk football to undermine the game's status from the early 19th century onward. However, football was taken up as a winter game between residence houses at public (independent) schools such as Winchester, Charterhouse and Eton. Each school had its own rules; some allowed limited handling of the ball and others did not. The (5)_____ in rules made it difficult for public schoolboys entering university to continue playing except with former schoolmates.

SubQuestion No : 25

Q.25 Select the most appropriate option to fill in blank no. 5.

- Ans**
- ☒ 1. variance
 - ☒ 2. grunt
 - ☒ 3. grouse
 - ☒ 4. control

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	14/09/2023
Exam Time	12:30 PM - 2:30 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 By selling an article for ₹5,280, Geeta lost 12%. For what amount should she sell it to make a profit of 12%?

- Ans**
- ☐ 1. ₹5,780
 - ☐ 2. ₹7,150
 - ☐ 3. ₹6,820
 - ☒ 4. ₹6,720

Q.2 If Mohit, Nitu and Soma can complete a piece of work in 5 days, 6 days and 8 days, respectively, then in how many days will the work be completed if they work on alternate days starting with Mohit on first day, then Nitu on second day, then Soma on third day, then Mohit on fourth day and so on.

- Ans**
- ☐ 1. $4\frac{7}{15}$
 - ☒ 2. $6\frac{1}{12}$
 - ☐ 3. $7\frac{1}{60}$
 - ☐ 4. $5\frac{7}{12}$

Q.3 The height of a right circular cone is 20 cm, and its base diameter is 30 cm. What is the curved surface area and the total surface area of the right circular cone, respectively?

- Ans**
- ☐ 1. $390\pi \text{ cm}^2$ and $475\pi \text{ cm}^2$
 - ☐ 2. $335\pi \text{ cm}^2$ and $525\pi \text{ cm}^2$
 - ☐ 3. $450\pi \text{ cm}^2$ and $625\pi \text{ cm}^2$
 - ☒ 4. $375\pi \text{ cm}^2$ and $600\pi \text{ cm}^2$

- Q.4 Study the given table and answer the question that follows.
- The table gives the percentage of marks obtained by five students in five different subjects.

Students	Subjects (Max Marks = 100)				
	Mathematics	Physics	Chemistry	English	Hindi
Rahul	60	80	75	70	80
Vijay	80	90	80	75	85
Nani	70	80	70	70	80
Ganesh	80	75	60	60	65
Rohit	70	70	50	50	75

What is the average marks obtained by all the five students in Mathematics?

- Ans
- ☐ 1. 70
 - ☐ 2. 65
 - ☒ 3. 72
 - ☐ 4. 75

- Q.5 S gets 65, 74, 62, 68 and 68 marks in Hindi, English, Mathematics, Physics and Chemistry, respectively. His average marks in Mathematics, Hindi and English are _____ more than the average marks in Mathematics, Physics and Chemistry.

- Ans
- ☐ 1. 1.67
 - ☐ 2. 1.33
 - ☐ 3. 0.5
 - ☒ 4. 1

- Q.6 If a person walks at 18 km/hr instead of 12 km/hr, he would have walked 24 km more. What is the actual distance travelled by him?

- Ans
- ☐ 1. 52 km
 - ☒ 2. 48 km
 - ☐ 3. 60 km
 - ☐ 4. 55 km

- Q.7 Find the smallest three digit number which when added to 5 is exactly divisible by 12, 14 and 18.

- Ans
- ☐ 1. 245
 - ☐ 2. 240
 - ☒ 3. 247
 - ☐ 4. 225

- Q.8 Suresh could save 20% of his income. But 4 years later, when his income increased by 40%, he could save the same amount only as before. By how much percentage did his expenditure increase?

- Ans
- ☐ 1. 23%
 - ☐ 2. 22%
 - ☐ 3. 45%
 - ☒ 4. 50%

Q.9 A, B and C working separately can do a piece of work in 11 days, 20 days and 55 days, respectively. If they work together, then the time taken to complete the work is:

- Ans
- ☐ 1. $5\frac{1}{7}$ days
 - ☐ 2. $4\frac{1}{7}$ days
 - ☐ 3. $\frac{1}{7}$ days
 - ☒ 4. $6\frac{2}{7}$ days

Q.10 The price of a T-shirt is ₹450, and the price of a jeans is ₹1,650. If you buy three T-shirts and two jeans, what is the average cost of each item?

- Ans
- ☒ 1. ₹930
 - ☐ 2. ₹900
 - ☐ 3. ₹910
 - ☐ 4. ₹920

Q.11 If $A : B = 2 : 1$ and $B : C = 1 : 3$, then $C : A$ is:

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

Q.12 On comparing the following two numeric expressions, we find that_____.

$$[(2\frac{7}{9})^{2\frac{1}{2}}]^{\frac{3}{5}} \text{ and } [(1\frac{2}{3})^5]^{\frac{3}{5}}$$

- Ans
- ☐ 1. the given two expressions cannot be compared
 - ☐ 2. the first expression is smaller than the second
 - ☐ 3. the first expression is larger than the second
 - ☒ 4. both the expressions are equal

Q.13 A car travels 200 km at a speed of 50 km/h and then travels another 200 km at a speed of 80 km/h. What is the average speed of the car for the entire journey? (round to two places of decimals)

- Ans
- ☐ 1. 59.75km/h
 - ☐ 2. 62.53 km/h
 - ☐ 3. 60.24 km/h
 - ☒ 4. 61.54 km/h

Q.14 A triangle has its sides 5 cm, 12 cm and 13 cm. What will be the area of the triangle formed by joining the mid point of the three sides?

- Ans
- ☐ 1. 15 cm^2
 - ☒ 2. $7 \frac{1}{2} \text{ cm}^2$
 - ☐ 3. $19 \frac{1}{2} \text{ cm}^2$
 - ☐ 4. $13 \frac{1}{2} \text{ cm}^2$

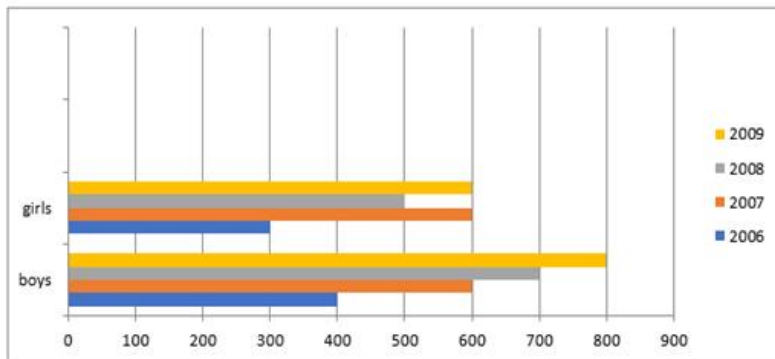
Q.15 The weight of a cube varies directly as the product of its volume and its density. The ratio of densities of the materials of the first cube and second cube is 27 : 16. If the weight of the first cube is 4 times the weight of the second cube, then what is the ratio of the edges of the first cube and second cube?

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

Q.16 A sum of ₹800 amounts to ₹1,040 in 3 years at simple interest. If the interest rate is increased by 3%, find the amount.

- Ans
- ☐ 1. ₹1,212
 - ☐ 2. ₹1,102
 - ☐ 3. ₹1,012
 - ☒ 4. ₹1,112

Q.17 The following bar graph indicates the enrolment of boys and girls in a school during the years 2006-2009. Study the bar graph carefully and answer the question.



Find the ratio of the total number of boys to girls enrolled in all the years 2006 to 2009.

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

Q.18 Praveen sells a study table to Zoya at a loss of 10%, and Zoya sells the study table to Aadarsh at a profit of 25%. If Aadarsh purchased the study table for ₹2,250, then what was the cost (in ₹) of the study table for Praveen?

- Ans
- ☐ 1. 1,900
 - ☐ 2. 1,800
 - ☐ 3. 2,100
 - ☒ 4. 2,000

Q.19 Money is doubled in a bank account in 7 years, when the interest is compounded annually. What time in years is needed to make an amount 8 times in the bank?

- Ans**
- ☐ 1. 28
 - ☐ 2. 35
 - ☒ 3. 21
 - ☐ 4. 14

Q.20 A thief noticed a policeman from a distance of 300 m and started to run at a speed of 12 km/h. The policeman chased at a speed of 13 km/h and he caught the thief. What was the distance run by the thief?

- Ans**
- ☐ 1. 7200 m
 - ☐ 2. 4800 m
 - ☒ 3. 3600 m
 - ☐ 4. 1800 m

Section : Reasoning Ability and Problem Solving

Q.1 What will come in place of '?' in the following equation, if '+' and '÷' are interchanged and '×' and '-' are interchanged?

$$12 - 6 \div 3 + 3 \times 7 = ?$$

- Ans**
- ☐ 1. 11
 - ☐ 2. 14
 - ☐ 3. 33
 - ☒ 4. 66

Q.2 Which figure should replace the question mark (?) if the following figure series were to be continued?

R	C	O	2	E	♡	R	S	
O	♡	E	S	C	R	R	O	2
2	S	♡	E	S	C	O	2	?

Ans

✗ 1.

2	R	
E	C	♡
S	O	

✗ 2.

2	O	
E	C	♡
S	R	

✗ 3.

2	E	
S	R	O
C	♡	

✓ 4.

2	O	
E	R	S
C	♡	

Q.3

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.4

If 3rd Oct 2011 is Monday, then what will be the day of the week on 4th Nov 2021?

Ans

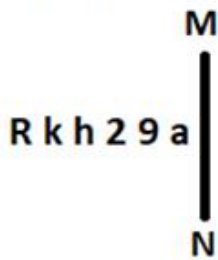
✗ 1. Tuesday

✓ 2. Thursday

✗ 3. Friday

✗ 4. Monday

Q.5 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ✓ 1. **a 9 2 h k R**
 - ✗ 2. **9 a 2 k h R**
 - ✗ 3. **a 9 2 h k R**
 - ✗ 4. **R k h 2 9 a**

Q.6 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

C _ D _ DD _ _ D C _ D

- Ans
- ✗ 1. **DCDCD**
 - ✓ 2. **DCCDD**
 - ✗ 3. **CCDCC**
 - ✗ 4. **DDCCD**

Q.7 Find out the correct alternative that when filled in the blanks in the same sequence will make the series logically complete.

B _ KPBN _ R _ OKTB _ KVBQK _

- Ans
- ✗ 1. **SJORN**
 - ✗ 2. **JFIEH**
 - ✓ 3. **MKBPX**
 - ✗ 4. **MFHID**

Q.8 Six people, Kajal, Neetu, Lovey, Omar, Meenu and Jay are sitting in a straight line, facing north. Lovey sits 3rd from the left end. Neetu sits 2nd to the right of Lovey. Omar sits to the immediate right of Neetu. Meenu sits 2nd to the left of Omar. Kajal sits 2nd to the left of Meenu. Who sits to the immediate left of Lovey?

- Ans
- ✓ 1. **Kajal**
 - ✗ 2. **Omar**
 - ✗ 3. **Jay**
 - ✗ 4. **Meenu**

Q.9 In a certain code language, 'ENTER' is coded as 'FOTGT' and 'DICEY' is coded as 'EJCGA'. What is the code for 'CHILD' in the given code language?

- Ans
- ✗ 1. **EHIMF**
 - ✓ 2. **DIINF**
 - ✗ 3. **EJJNE**
 - ✗ 4. **DHIME**

- Q.10** If F means '-', C means '×', D means '+', B means '+', then what will come in place of the question mark (?) in the following equation?
- 44 F 18 C 3 B 108 D 6 = ?
- Ans**
- ☒ 1. 18
 - ☒ 2. 16
 - ☒ 3. 6
 - ☒ 4. 8

- Q.11** 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 trash are rags. Some rags are big. All big are crabs.
- Conclusion I: All big are rags.
- Conclusion II: Some crabs are rags.
- 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.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 /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)
- 3 : 7
5 : 23
- Ans**
- ☒ 1. 6 : 34
 - ☒ 2. 4 : 18
 - ☒ 3. 8 : 64
 - ☒ 4. 9 : 80

- Q.13** OE 13 is related to MC 17 in a certain way. In the same way, FL 16 is related to DJ 20. To which of the following is RD 15 related to following the same logic?
- Ans**
- ☒ 1. PC 19
 - ☒ 2. PB 19
 - ☒ 3. SF 18
 - ☒ 4. QE 18

Q.14 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: Some schools are big. All big are malls. No mall is cheap.

Conclusion I: All big are schools.

Conclusion II: Some malls are big.

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

Q.15 In a certain code language, 'DIAL' is coded as '1326' and 'IDLE' is coded as '6183'. What is the code for 'E' in the given code language?

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

Q.16 What should come in place of '?' in the given series?

13 34 76 160 328 ?

- Ans**
- ☐ 1. 625
 - ☐ 2. 672
 - ☒ 3. 664
 - ☐ 4. 638

Q.17 What should come in place of ? in the given series?

16 17 20 21 24 ?

- Ans**
- ☐ 1. 30
 - ☐ 2. 27
 - ☒ 3. 25
 - ☐ 4. 28

Q.18 What should come in place of ? in the given series?

41 43 47 53 61 ?

- Ans**
- ☒ 1. 71
 - ☐ 2. 74
 - ☐ 3. 72
 - ☐ 4. 73

Q.19 What should come in place of ? in the given series based on the English alphabetical order?

HPA, KTD, NXG, QBJ, ?

- Ans
- ☐ 1. SFN
 - ☒ 2. TFM
 - ☐ 3. SEN
 - ☐ 4. UEM

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 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)

7, 50

15, 226

- Ans
- ☐ 1. 14, 162
 - ☒ 2. 17, 290
 - ☐ 3. 11, 131
 - ☐ 4. 21, 445

Section : **General Awareness**

Q.1 What is the main purpose of a bank statement?

- Ans
- ☒ 1. To track income and expenses
 - ☐ 2. To advertise new banking products
 - ☐ 3. To have locker facility in the bank
 - ☐ 4. To transfer funds to another account

Q.2 The four Nattuvanars namely Ponaiyah, Vadivelu, Sivanandam and Chinnaia, who are renowned as Tanjaore Bandhu shaped up the modern day _____.

- Ans
- ☐ 1. Kathakali
 - ☒ 2. Bharatanatyam
 - ☐ 3. Kodiattam
 - ☐ 4. Kuchipudi

Q.3 'Anandamath' is a famous _____ novel which was written by Bankim Chandra Chatterjee.

- Ans
- ☐ 1. Punjabi
 - ☒ 2. Bengali
 - ☐ 3. Gujarati
 - ☐ 4. Rajasthani

Q.4 Swami Dayanand Saraswati founded a reform organisation in 1875 that attempted to reform Hinduism. What was it called?

- Ans
- ☐ 1. Prarthna Samaj
 - ☐ 2. Brahmo Samaj
 - ☐ 3. Satyashodhak Samaj
 - ☒ 4. Arya Samaj

Q.5 Aman Sehrawat became the first Indian to win a gold medal in World Wrestling Championship in which category?

- Ans**
- ☐ 1. U-15
 - ☐ 2. U-20
 - ☐ 3. U-25
 - ☒ 4. U-23

Q.6 Which of the following statements is NOT correct about the Directive Principles of State Policy?

- Ans**
- ☐ 1. Reorganising the economic system in a way to avoid concentration of wealth in a few hands
 - ☐ 2. Providing adequate means of livelihood for both men and women
 - ☐ 3. Securing suitable employment and healthy working conditions for men, women and children
 - ☒ 4. Securing equal pay for equal work for men only

Q.7 Identify the southernmost range of the Himalaya from the following.

- Ans**
- ☐ 1. Trans Himalaya Range
 - ☐ 2. Greater Himalaya Range
 - ☒ 3. Shiwaliks Range
 - ☐ 4. Lesser Himalaya Range

Q.8 The Konark Dance Festival (KDF) has been held at Konark since 1986 between _____ every year.

- Ans**
- ☐ 1. 1st and 5th October
 - ☐ 2. 1st and 5th January
 - ☒ 3. 1st and 5th December
 - ☐ 4. 1st and 5th August

Q.9 Who among the following singers had a Guinness World Record for recording 28 songs in a single day? (As of December 2022.)

- Ans**
- ☐ 1. Udit Narayan
 - ☒ 2. Kumar Sanu
 - ☐ 3. Sonu Nigam
 - ☐ 4. Arijit Singh

Q.10 Which of the following statements is best related to the 'pacific ring of fire'?

- Ans**
- ☐ 1. Known for only glacial formations
 - ☐ 2. Known for thermal power station
 - ☒ 3. Known for volcano and earthquakes
 - ☐ 4. Known for tropical rainforests

Q.11 According to the Global Multidimensional Poverty Index (MPI) 2021, India's rank is _____ out of 109 countries.

- Ans**
- ☒ 1. 66th
 - ☐ 2. 59th
 - ☐ 3. 63rd
 - ☐ 4. 71st

Q.12 The word 'yorker' is related to which sport?

- Ans**
- ☐ 1. Kho Kho
 - ☒ 2. Cricket
 - ☐ 3. Basketball
 - ☐ 4. Kabaddi

Q.13 What is the minimum voting age for the citizens of India?

- Ans**
- ☐ 1. 25 years
 - ☐ 2. 21 years
 - ☐ 3. 30 years
 - ☒ 4. 18 years

Q.14 In which of the following cities was the final match of the 2022 Vijay Hazare Trophy held?

- Ans**
- ☐ 1. Ranchi
 - ☐ 2. Raipur
 - ☐ 3. Lucknow
 - ☒ 4. Ahmedabad

Q.15 The tribal dancer and singer, Arjun Singh Dhurve from _____ has been conferred with ' Padma Shri' in the year 2022.

- Ans**
- ☒ 1. Madhya Pradesh
 - ☐ 2. Karnataka
 - ☐ 3. Tamil Nadu
 - ☐ 4. Andhra Pradesh

Q.16 Which of the following events happened in 1919?

- Ans**
- ☐ 1. Renewal of the Charter Act
 - ☐ 2. Representation of People Act was passed
 - ☒ 3. Satyagraha against the Rowlatt act
 - ☐ 4. Thuggee and Dacoity Suppression Act was passed

Q.17 The Brihadeswara Temple at Tanjavur built by:

- Ans**
- ☐ 1. Rajaraja II
 - ☒ 2. Rajaraja I
 - ☐ 3. Samudragupta
 - ☐ 4. Rajendra Chola

Q.18 Which of the following Indian musicians was called 'Mallika-e-Ghazal'?

- Ans**
- ☒ 1. Begum Akhtar
 - ☐ 2. Prabha Bharti
 - ☐ 3. Chitra Singh
 - ☐ 4. Farida Khanum

Q.19 Independence Day is celebrated every year in Pakistan on _____.

- Ans**
- ☐ 1. 30 January
 - ☐ 2. 31 December
 - ☒ 3. 14 August
 - ☐ 4. 23 March

Q.20 Which diseases result from a deficiency of Vitamin B due to its insufficient intake?

- Ans**
- ☐ 1. Colour blindness
 - ☐ 2. Rickets
 - ☒ 3. Beri Beri
 - ☐ 4. Scurvy

Q.21 Who started the chemical revolution in the 18th century by naming oxygen and helping to organize chemical nomenclature?

- Ans**
- ☐ 1. Joseph Priestley
 - ☐ 2. Svante August Arrhenius
 - ☒ 3. Antoine-Laurent Lavoisier
 - ☐ 4. Dame Kathleen Lonsdale

Q.22 Why are intermediate goods NOT included in the calculation of national income?

- Ans**
- ☒ 1. Including intermediate goods would result in double counting.
 - ☐ 2. Including intermediate goods would decrease the value of national income.
 - ☐ 3. Intermediate goods are not important for measuring economic activity.
 - ☐ 4. Intermediate goods are not produced within the country's borders.

Q.23 The novel 'Train to Pakistan' was written by _____.

- Ans**
- ☐ 1. Imran Khan
 - ☒ 2. Khushwant Singh
 - ☐ 3. Zakir Hussain
 - ☐ 4. Nawaz Sharif

Q.24 Popular Bollywood actor Kriti Sanon is a trained _____ dancer.

- Ans**
- ☒ 1. Kathak
 - ☐ 2. Odissi
 - ☐ 3. Bharatanatyam
 - ☐ 4. Kuchipudi

Q.25 In February 2023, Uttar Pradesh government launched a/an _____ called Family ID-One Family One Identity.

- Ans**
- ☐ 1. WhatsApp Group
 - ☐ 2. Email Id
 - ☒ 3. Portal
 - ☐ 4. News letter

Section : **English Language and Comprehension**

Q.1 Select the option that rectifies the spelling of the underlined word in the given sentence.

The maintenance department did a fabulous job.

- Ans**
- ☒ 1. maintenance
 - ☐ 2. maintenannce
 - ☐ 3. mainteanance
 - ☐ 4. meintenance

Q.2 The following sentence has been split into four segments. Identify the segment that contains an error.
She has / bought / a car / two years ago.

- Ans**
- ☐ 1. bought
 - ☐ 2. two years ago
 - ☐ 3. a car
 - ☒ 4. She has

Q.3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

My daughter was / invited to lunch / hosted by the Governor / at his residence.

- Ans**
- ☐ 1. My daughter was
 - ☒ 2. invited to lunch
 - ☐ 3. at his residence
 - ☐ 4. hosted by the Governor

Q.4 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

The new software / consists from / several features / and tools.

- Ans**
- ☐ 1. The new software
 - ☐ 2. several features
 - ☐ 3. and tools
 - ☒ 4. consists from

Q.5 Select the most appropriate synonym of the bracketed word in the following sentence to fill in the blank.
The novel's intricate plot and rich character development kept readers _____ (committed) from the beginning to the end.

- Ans**
- ☒ 1. engaged
 - ☐ 2. detached
 - ☐ 3. secluded
 - ☐ 4. dismantled

Q.6 Select the most appropriate ANTONYM of the word given in brackets to fill in the blank.
Uncle Joe is _____ (reputable) for spending 10 years of his youth in prison due to armed robbery.

- Ans**
- ☐ 1. anxious
 - ☐ 2. well-known
 - ☐ 3. mournful
 - ☒ 4. notorious

Q.7 Select the most appropriate option that can rectify the underlined segment in the given sentence. If there is no need to rectify it, select 'no rectification needed'.

His claim to be the smartly kid in the school was a bit hyperbole!

- Ans**
- ☐ 1. smarter
 - ☒ 2. smartest
 - ☐ 3. smart
 - ☐ 4. no rectification needed

Q.8 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Resist
 - ☐ 2. Repulse
 - ☐ 3. Recruit
 - ☒ 4. Rectifie

Q.9 Select the most appropriate meaning of the given phrase.

All of a sudden

- Ans**
- ☐ 1. Accidentally
 - ☐ 2. Quickly and Expectedly
 - ☐ 3. Intentionally
 - ☒ 4. Quickly and unexpectedly

Q.10 Parts of the following sentence have been given as options. Select the option that contains an error.
If you work hard, you secure good marks.

- Ans**
- ☐ 1. good marks
 - ☒ 2. you secure
 - ☐ 3. If you
 - ☐ 4. work hard

Q.11 Select the option that can be used as a one-word substitute for the given group of words.

A person who is skilled in making maps

- Ans**
- ☒ 1. Cartographer
 - ☐ 2. Curator
 - ☐ 3. Cacographer
 - ☐ 4. Calligrapher

Q.12 Select the option that can be used as a one-word substitute for the underlined group of words.
Sita loves her glass container in which she has many fish.

- Ans**
- ☒ 1. aquarium
 - ☐ 2. cannister
 - ☐ 3. planetarium
 - ☐ 4. museum

Q.13 Select the most appropriate **ANTONYM** of the given word.
Carnal

- Ans**
- ☐ 1. Somatic
 - ☐ 2. Material
 - ☒ 3. Spiritual
 - ☐ 4. Temporal

Q.14 Select the option that can be used as a one-word substitute for the given group of words.
Easily set on fire

- Ans**
- ☐ 1. Innocuous
 - ☐ 2. Inimical
 - ☒ 3. Inflammable
 - ☐ 4. Ingrained

Q.15 Select the **INCORRECTLY** spelt word.

- Ans**
- ☐ 1. Patron
 - ☐ 2. Indigestion
 - ☒ 3. Paralycis
 - ☐ 4. Lyricist

Q.16 Select the most appropriate idiom to fill in the blank.

The decision to go on a trip after my vacations was the _____.

- Ans**
- ☐ 1. apple on the cake
 - ☐ 2. icing on the brownie
 - ☒ 3. icing on the cake
 - ☐ 4. ice on the cake

Q.17 Select the most appropriate meaning of the underlined idiom.

These things are very hard to swallow.

- Ans**
- ☐ 1. difficult to speak
 - ☐ 2. difficult to resist
 - ☐ 3. difficult to eat
 - ☒ 4. difficult to believe

Q.18 Select the most appropriate idiom to fill in the blank.
It's easy to say that you'll start exercising every day, but it is _____.

- Ans**
- ☐ 1. crying wolf
 - ☒ 2. easier said than done
 - ☐ 3. like fish out of water
 - ☐ 4. going the extra mile

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

- Ans**
- ☐ 1. Maltreat
 - ☒ 2. Malfunction
 - ☐ 3. Manipulate
 - ☐ 4. Mangle

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

I wish we had _____ come here.

- Ans**
- ☒ 1. right
 - ☒ 2. clear
 - ☒ 3. never
 - ☒ 4. agreed

Comprehension:

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 put their heart and soul into studies while (1)_____ for examinations. They prepare the syllabus by giving many revisions, making important points on flash cards, preparing notes throughout the year. They read reference books in order to score good marks in the examination. This is the demanding (2)_____ of all the students who are appearing in the examinations. But, most students feel tensed on the day before an examination. Everyone is in a state of (3)_____ as to what questions would be asked in the paper and whether they could write their answers properly to get good marks. Such overthinking is the cause of (4)_____ which definitely affects their performance. They should revise the subject regularly and should not keep their doubts pending. This will not create a (5)_____ of backlog and they will get sufficient time to resolve their problem.

SubQuestion No : 21

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

- Ans**
- ☒ 1. calculating
 - ☒ 2. guiding
 - ☒ 3. preparing
 - ☒ 4. producing

Comprehension:

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 put their heart and soul into studies while (1)_____ for examinations. They prepare the syllabus by giving many revisions, making important points on flash cards, preparing notes throughout the year. They read reference books in order to score good marks in the examination. This is the demanding (2)_____ of all the students who are appearing in the examinations. But, most students feel tensed on the day before an examination. Everyone is in a state of (3)_____ as to what questions would be asked in the paper and whether they could write their answers properly to get good marks. Such overthinking is the cause of (4)_____ which definitely affects their performance. They should revise the subject regularly and should not keep their doubts pending. This will not create a (5)_____ of backlog and they will get sufficient time to resolve their problem.

SubQuestion No : 22

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

- Ans**
- ☒ 1. routine
 - ☒ 2. method
 - ☒ 3. habit
 - ☒ 4. principle

Comprehension:

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 put their heart and soul into studies while (1)_____ for examinations. They prepare the syllabus by giving many revisions, making important points on flash cards, preparing notes throughout the year. They read reference books in order to score good marks in the examination. This is the demanding (2)_____ of all the students who are appearing in the examinations. But, most students feel tensed on the day before an examination. Everyone is in a state of (3)_____ as to what questions would be asked in the paper and whether they could write their answers properly to get good marks. Such overthinking is the cause of (4)_____ which definitely affects their performance. They should revise the subject regularly and should not keep their doubts pending. This will not create a (5)_____ of backlog and they will get sufficient time to resolve their problem.

SubQuestion No : 23

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

- Ans**
- ☒ 1. confidence
 - ☒ 2. assurance
 - ☒ 3. uncertainty
 - ☒ 4. hesitation

Comprehension:

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 put their heart and soul into studies while (1)_____ for examinations. They prepare the syllabus by giving many revisions, making important points on flash cards, preparing notes throughout the year. They read reference books in order to score good marks in the examination. This is the demanding (2)_____ of all the students who are appearing in the examinations. But, most students feel tensed on the day before an examination. Everyone is in a state of (3)_____ as to what questions would be asked in the paper and whether they could write their answers properly to get good marks. Such overthinking is the cause of (4)_____ which definitely affects their performance. They should revise the subject regularly and should not keep their doubts pending. This will not create a (5)_____ of backlog and they will get sufficient time to resolve their problem.

SubQuestion No : 24

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

- Ans**
- ☐ 1. comfort
 - ☐ 2. peace
 - ☐ 3. agitation
 - ☒ 4. anxiety

Comprehension:

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 put their heart and soul into studies while (1)_____ for examinations. They prepare the syllabus by giving many revisions, making important points on flash cards, preparing notes throughout the year. They read reference books in order to score good marks in the examination. This is the demanding (2)_____ of all the students who are appearing in the examinations. But, most students feel tensed on the day before an examination. Everyone is in a state of (3)_____ as to what questions would be asked in the paper and whether they could write their answers properly to get good marks. Such overthinking is the cause of (4)_____ which definitely affects their performance. They should revise the subject regularly and should not keep their doubts pending. This will not create a (5)_____ of backlog and they will get sufficient time to resolve their problem.

SubQuestion No : 25

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

- Ans**
- ☐ 1. weight
 - ☐ 2. mass
 - ☒ 3. burden
 - ☐ 4. power

Multi Tasking Non Technical Staff and Havaladar CBIC and CBN Examination 2023

Exam Date	14/09/2023
Exam Time	4:00 PM - 6:00 PM
Subject	MTS Non Tech Havaladar CBIC and CBN Examination 2023

Section : Numerical and Mathematical Ability

Q.1 If $A : B : C = 3 : 4 : 5$, then $\sqrt{A^2 + B^2} : \sqrt{C^2 - B^2}$ is:

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

Q.2 Arin alone can do a piece of work in 6 days and Selvi alone can do the same in 8 days. Arin and Selvi undertook to do it for ₹7,200. With the help of Kevin, they completed the work in 3 days. How much is to be paid to Kevin?

- Ans
- ☐ 1. ₹700
 - ☐ 2. ₹600
 - ☐ 3. ₹800
 - ☒ 4. ₹900

Q.3 A sum at simple interest of 5.5% per annum amounts to ₹7,503 in 4 years. Find the sum (in ₹).

- Ans
- ☐ 1. 5,520
 - ☒ 2. 6,150
 - ☐ 3. 5,980
 - ☐ 4. 5,350

Q.4 Smita is faster than Pihu. Smita and Pihu each walk 48 km. The sum of their speeds is 14 km/hr, and the sum of times taken by them is 28 hours. What is Smita's speed?

- Ans
- ☐ 1. 8 km/hr
 - ☐ 2. 10 km/hr
 - ☒ 3. 12 km/hr
 - ☐ 4. 12.5 km/hr

Q.5 If a loss is $\frac{1}{8}$ th of the selling price, then the loss percentage is:

- Ans
- ☒ 1. $11\frac{1}{9}\%$
 - ☐ 2. $10\frac{1}{9}\%$
 - ☐ 3. $7\frac{4}{9}\%$
 - ☐ 4. $8\frac{5}{9}\%$

Q.6 In what ratio should coffee powder costing ₹500 per kg be mixed with coffee powder costing ₹750 per kg so that the cost of the mixture is ₹600 per kg?

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

Q.7 A man goes from his house to a vegetable market at the speed of 15 km/h and walked back at the speed of 10 km/h. If the whole journey took 2 hours 30 minutes, find the distance from his house to the vegetable market (in km).

- Ans
- ☐ 1. 12
 - ☐ 2. 18
 - ☐ 3. 20
 - ☒ 4. 15

Q.8 In what ratio should rice worth ₹140 per kg and ₹90 per kg be mixed so that a mixture of two qualities of rice may become worth ₹110 per kg?

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

Q.9 A 228 m long train is running at 125 km/h. In what time (in seconds), will it pass a man running at 17 km/h in the same direction in which the train is going?

- Ans
- ☐ 1. 6.2
 - ☐ 2. 9.2
 - ☒ 3. 7.6
 - ☐ 4. 8.5

Q.10 What is the amount (in ₹) due on a sum of money ₹12,500 after one year if the compound interest is payable half-yearly at 12% per annum?

- Ans
- ☐ 1. 15,440
 - ☐ 2. 14,450
 - ☒ 3. 14,045
 - ☐ 4. 14,540

Q.11 A factory owner earns 12% on the product manufactured by him. The shopkeeper earns 10% profit on the same item. If shopkeeper sells the product for ₹ 98.56, then the cost price of the product for the factory owner is ₹ ____.

- Ans
- ☒ 1. 80
 - ☐ 2. 84
 - ☐ 3. 90
 - ☐ 4. 88

Q.12 The salaries of P and Q together amount to ₹6,40,000. P and Q save 60% and 40%, respectively, of their individual salaries. If their expenditures are the same, then what is the ratio of P's salary to Q's salary?

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

Q.13 The ratio of two numbers is 3 : 4. If the sum of these two numbers is 70, then what is their LCM?

- Ans
- ☒ 1. 120
 - ☐ 2. 84
 - ☐ 3. 96
 - ☐ 4. 108

Q.14 What is the value of the following expression?

$$\frac{[27 - (6 \div 3) \times 4] + 18}{84 - 8 \div 4 \times 8 - 2}$$

- Ans
- ☐ 1. $\frac{33}{7}$
 - ☐ 2. $\frac{29}{20}$
 - ☒ 3. $\frac{37}{66}$
 - ☐ 4. $\frac{8}{9}$

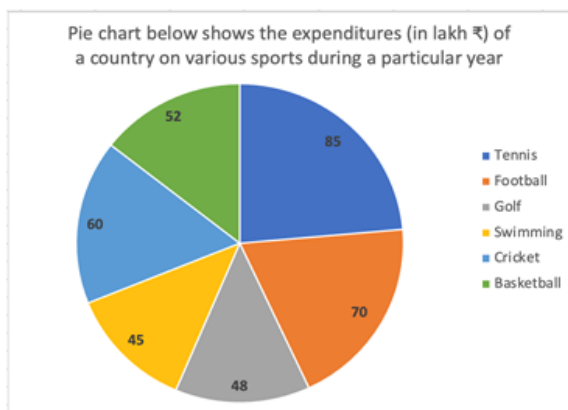
Q.15 A square and a rhombus have the same base and the rhombus is inclined at 45° , then what will be the ratio of the area of the square to the area of the rhombus?

- Ans
- ☐ 1. $1 : \sqrt{3}$
 - ☐ 2. $\sqrt{3} : 1$
 - ☒ 3. $\sqrt{2} : 1$
 - ☐ 4. $\sqrt{2} : \sqrt{3}$

Q.16 Find the fourth proportional of 12^{35} , 3^{12} and 4^{12} .

- Ans
- ☐ 1. 3^{24}
 - ☐ 2. 12^{-11}
 - ☒ 3. 12^{-23}
 - ☐ 4. 4^{24}

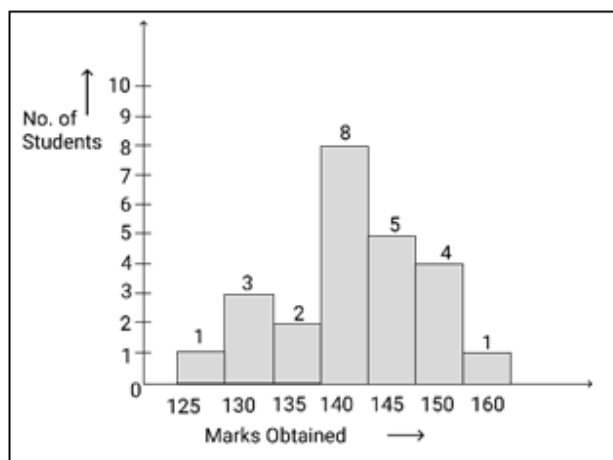
Q.17 The Pie chart below shows the expenditures (in lakh ₹) of a country on various sports during a particular year. Study the graph carefully and answer the questions given below it.



The total expenditure on tennis, football and cricket taken together is what per cent (rounded off to 1 decimal place) more or less than the total expenditure on golf, swimming and basketball taken together?

- Ans
- ☒ 1. Less, 29.6%
 - ☒ 2. More, 48.3%
 - ☒ 3. less, 48.3%
 - ☒ 4. More, 29.6%

Q.18 Study the given graph and answer the question that follows.



How many students obtained more than 125 marks?

- Ans
- ☒ 1. 19
 - ☒ 2. 15
 - ☒ 3. 17
 - ☒ 4. 23

Q.19 30 men can complete a work in 10 days. They started working and after six days, 10 more men joined them. In how many days will the total work be completed?

- Ans
- ☒ 1. 7
 - ☒ 2. 8
 - ☒ 3. 9
 - ☒ 4. 6

- Q.20** A closed wooden box measures externally 10 cm long, 8 cm broad and 6 cm high. If the thickness of the wood is 0.5 cm, then the volume of wood required is:
- Ans**
- ✓ 1. 165 cm^3
 - ✗ 2. 230 cm^3
 - ✗ 3. 300 cm^3
 - ✗ 4. 150 cm^3

Section : Reasoning Ability and Problem Solving

- Q.1** Meena, Saroj, Goldy, Priti, Poonam and Baby are sitting around a circular table facing the centre. Meena sits to the immediate left of Saroj. Goldy sits 3rd to the right of Saroj. Priti sits 2nd to the left of Goldy. Poonam sits to the immediate right of Goldy. Who sits 2nd to the left of Baby?

- Ans**
- ✗ 1. Goldy
 - ✗ 2. Poonam
 - ✗ 3. Priti
 - ✓ 4. Saroj

- Q.2** Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

W _ X _ XXW _ X _ _ X

- Ans**
- ✓ 1. XWXXWX
 - ✗ 2. WWXXWX
 - ✗ 3. XWWXXW
 - ✗ 4. WXWXW

- Q.3** What should come in place of '?' in the given series?

20 104 524 2624 13124 ?

- Ans**
- ✓ 1. 65624
 - ✗ 2. 65282
 - ✗ 3. 64586
 - ✗ 4. 63457

- Q.4** What should come in place of '?' in the given series?

19 40 103 292 859 ?

- Ans**
- ✗ 1. 2536
 - ✗ 2. 2508
 - ✓ 3. 2560
 - ✗ 4. 2490

Q.5 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



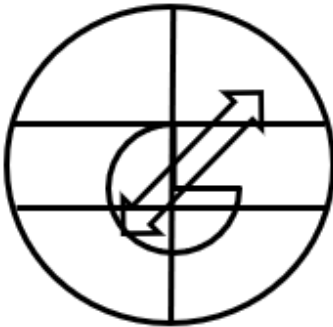
(X)

Ans

✗ 1.



✗ 2.



✗ 3.



✓ 4.



Q.6 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 trucks are flies. Some scooters are flies.

Conclusions:

(I) All trucks are scooters.

(II) Some scooters are trucks.

- 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.7 If 11th June 1987 is Thursday, then what will be the day of the week on 4th Dec 1989?

- Ans**
- ☒ 1. Monday
 - ☐ 2. Tuesday
 - ☐ 3. Wednesday
 - ☐ 4. Saturday

Q.8 What will come in place of '?' in the following equation, if '-' and '×' are interchanged and '+' and '÷' are interchanged?

$$7 + 7 \times 3 - 4 \div 5 = ?$$

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

Q.9 In a certain code language, 'how are you' is coded as 'aj ts el' and 'show them how' is coded as 'wn el pd'. How is 'how' coded in the given language?

- Ans**
- ☐ 1. aj
 - ☐ 2. wn
 - ☒ 3. el
 - ☐ 4. pd

Q.10 In a certain code language, 'FLOWERY' is coded as 'FYREWOL' and 'LINGUIST' is coded as 'LTSIUGNI'. What is the code for 'MANIFEST' in the given code language?

- Ans**
- ☐ 1. MSTEGJMA
 - ☐ 2. SEFINAMT
 - ☒ 3. MTSEFINA
 - ☐ 4. TESFINAM

Q.11 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?

$$37 - 18 \div 6 + 325 \times 25 = ?$$

- Ans
- ✓ 1. 132
 - ✗ 2. 142
 - ✗ 3. 122
 - ✗ 4. 152

Q.12 5 is related to 20 following a certain logic. Following the same logic, 7 is related to 26. To which of the following is 2 related to, following the same logic?

- Ans
- ✗ 1. 12
 - ✓ 2. 11
 - ✗ 3. 13
 - ✗ 4. 10

Q.13 What should come in place of '?' in the given series?

18 41 110 ? 938 2801 8390

- Ans
- ✓ 1. 317
 - ✗ 2. 291
 - ✗ 3. 325
 - ✗ 4. 339

Q.14 What should come in place of ? in the given series based on the English alphabetical order?

BSL, EUM, HWN, KYO, ?

- Ans
- ✗ 1. NBR
 - ✗ 2. MBQ
 - ✗ 3. MBP
 - ✓ 4. NAP

Q.15 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

M
|
R p 7 F 2 b a
|
N

- Ans
- ✗ 1. a d 5 7 7 q R
 - ✓ 2. 6 d 5 7 7 q R
 - ✗ 3. 6 d 5 7 7 d R
 - ✗ 4. a d 2 7 7 q R

Q.16 Which figure should replace the question mark (?) if the following figure series were to be continued?

B	Y	6	6	Y	△	△	6	=	=	6	B	?
△		↑	↑		B	B		↑	↑		△	

Ans

✗ 1.

△	C	↑
B		=

✗ 2.

C	=	6
△		↑

✓ 3.

B	=	C
△		↑

✗ 4.

B	=	6
△		↑

Q.17 What should come in place of ? in the given series based on the English alphabetical order?

ZHS, YER, XBQ, WYP, ?

- Ans
- ✗ 1. VWO
 - ✓ 2. VVO
 - ✗ 3. WVN
 - ✗ 4. WWN

Q.18 BNFT is related to FRJX in a certain way based on the English alphabetical order. In the same way, JOEA is related to NSIE. To which of the following is HERK related to, following the same logic?

- Ans
- ✓ 1. LIVO
 - ✗ 2. JHVP
 - ✗ 3. KHUN
 - ✗ 4. LJVP

Q.19 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 buckets are plastic. Some plastic are spoons. All spoons are forks.

Conclusion I: Some plastic are buckets.

Conclusion II: Some plastics are forks.

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

Q.20 14 is related to 57 following a certain logic. Following the same logic, 22 is related to 89 .To which of the following is 52 related to, following the same logic?

- Ans**
- ☐ 1. 204
 - ☒ 2. 209
 - ☐ 3. 208
 - ☐ 4. 206

Section : **General Awareness**

Q.1 Where was All Indian Muslim League formed in 1906?

- Ans**
- ☐ 1. Lahore
 - ☐ 2. Delhi
 - ☒ 3. Dhaka
 - ☐ 4. Agra

Q.2 The Pradhan Mantri MUDRA Yojana (PMMY) scheme provide loans up to _____ to the non-corporate, non-farm small and micro entrepreneurs. (As of April 2023).

- Ans**
- ☒ 1. 10 lakh
 - ☐ 2. 5 lakh
 - ☐ 3. 2.5 lakh
 - ☐ 4. 1 lakh

Q.3 Which of the following cricket players wrote the autobiography 'Playing It My Way'?

- Ans**
- ☐ 1. Yuvraj Singh
 - ☒ 2. Sachin Tendulkar
 - ☐ 3. Kiran More
 - ☐ 4. Sourav Ganguly

Q.4 In 2023, a three-day All-India Taekwondo Championship was organized in _____ to mark 50 years of Korea-India diplomatic relations.

- Ans**
- ☐ 1. Kolkata
 - ☐ 2. Mizoram
 - ☒ 3. New Delhi
 - ☐ 4. Bengaluru

Q.5	Which of the following is true about disposable income in relation to personal income?
Ans	☒ 1. Disposable income is always greater than personal income. ☒ 2. Disposable income can be greater or less than personal income, depending on taxes and deductions. ☒ 3. Disposable income is equal to personal income. ☒ 4. Disposable income is always less than personal income.
Q.6	The efforts of Malayalam poet Vallathol Narayana Menon and dancer and guru Kalyanikutty Amma brought back and gave a new life to the dance form _____.
Ans	☒ 1. Kuchipudi ☒ 2. Mohiniyattam ☒ 3. Bharatanatyam ☒ 4. Kathakali
Q.7	Which Indian sprinter bagged two gold medals, one each in the men's 100 and 200-metre races at the Flanders Cup 2023 athletics meet?
Ans	☒ 1. Tejas Shirse ☒ 2. Amlan Borgohain ☒ 3. Mohammed Afsal P ☒ 4. Jinson Johnson
Q.8	The outward remittances under the Reserve Bank of India's _____ made a strong comeback in the first quarter of FY23 as Indians increased spending on international travel, maintenance of close relatives and gifts.
Ans	☒ 1. Liquid Remittances Scheme ☒ 2. Foreign Remittances Scheme ☒ 3. Liberalised Remittance Scheme ☒ 4. Regular Remittance Scheme
Q.9	Which curve examines the relationship between the rate of unemployment and the rate of money wage changes?
Ans	☒ 1. Demand curve ☒ 2. Supply curve ☒ 3. Indifference curve ☒ 4. Phillips curve
Q.10	Who became the first Indian javelin ace to win the gold at the Zurich Diamond League?
Ans	☒ 1. Rohit Yadav ☒ 2. Shivpal Yadav ☒ 3. Sahil Silwal ☒ 4. Neeraj Chopra
Q.11	In which city is the India Gate situated?
Ans	☒ 1. Ahmedabad ☒ 2. Delhi ☒ 3. Mumbai ☒ 4. Lucknow
Q.12	Who authored the book 'Poverty and Un-British Rule in India' in 1901, which was highly critical of the economic impact of British Rule?
Ans	☒ 1. WC Bonnerji ☒ 2. Badruddin Tyabji ☒ 3. Dadabhai Naoroji ☒ 4. Pherozeshah Mehta
Q.13	Which nutritional disorder is caused by a deficiency of vitamin B1 in which problems with peripheral nerves and wasting occur?
Ans	☒ 1. Rickets ☒ 2. Beriberi ☒ 3. Pernicious anaemia ☒ 4. Xerophthalmia

Q.14 Which Article of the Constitution of India provides early childhood care and education for all children until they complete the age of six years?

- Ans**
- ☒ 1. Article 45
 - ☐ 2. Article 40
 - ☐ 3. Article 38
 - ☐ 4. Article 39

Q.15 According to the National Multidimensional Poverty Index of NITI Aayog 2021, which of the following states has less than 1% multidimensionally Poor of its total population?

- Ans**
- ☐ 1. Telangana
 - ☐ 2. Punjab
 - ☒ 3. Kerala
 - ☐ 4. Maharashtra

Q.16 Which of the following best describes the process of calorimetry?

- Ans**
- ☐ 1. Measuring the amount of force
 - ☐ 2. Measuring the amount of compressive strength
 - ☒ 3. Measuring the amount of heat energy transferred
 - ☐ 4. Measuring the amount of electricity

Q.17 According to the Hindu calendar, Holi is celebrated on _____.

- Ans**
- ☐ 1. Magha Purnima
 - ☐ 2. Chaitra Purnima
 - ☒ 3. Phalguna Purnima
 - ☐ 4. Pausa Purnima

Q.18 What is the primary cause for the highest precipitation in India?

- Ans**
- ☐ 1. North-East Monsoon
 - ☐ 2. West Garo Hills
 - ☒ 3. South-West Monsoon
 - ☐ 4. East Khasi Hills

Q.19 Which of the following writers wrote the autobiography 'Truth, Love and a Little Malice'?

- Ans**
- ☐ 1. Chetan Bhagat
 - ☐ 2. Pratibha Ray
 - ☒ 3. Khushwant Singh
 - ☐ 4. Amrita Pritam

Q.20 Which of the following is NOT a constitutional body?

- Ans**
- ☐ 1. Finance Commission
 - ☐ 2. Union Public Service Commission
 - ☐ 3. Election Commission
 - ☒ 4. NITI Aayog

Q.21 Wild Ass and Camels are found in which type of forests in India?

- Ans**
- ☐ 1. Mangrove forests
 - ☒ 2. Thorn forests and scrubs
 - ☐ 3. Montane forests
 - ☐ 4. Tropical evergreen forests

Q.22 Who was the music director of the famous song “Aye Mere Watan Ke Logon” sung by Lata Mangeshkar?

- Ans
- ☐ 1. Kishore Kumar
 - ☒ 2. C Ramchandra
 - ☐ 3. Anand Raaj Anand
 - ☐ 4. Rajesh Roshan

Q.23 Which of the following Indian playback singers received the Bharat Ratna in 2001?

- Ans
- ☒ 1. Lata Mangeshkar
 - ☐ 2. KS Chithra
 - ☐ 3. Geeta Dutt
 - ☐ 4. Asha Bhosle

Q.24 The Guru Kelucharan Mohapatra Award 2022 was conferred upon Guru Niranjan Rout and Guru Ramahari Das for their contribution to the fields of _____ dance and music.

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

Q.25 The _____ maestros who revived the art form in the late 1940s include Kelucharan Mohapatra and Raghunath Dutta.

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

Section : English Language and Comprehension

Q.1 Select the most appropriate option that can substitute the underlined segment in the given sentence.
The rise in temperature is playing havoc with India's rainfall which is pertinent for India's agriculture sector.

- Ans
- ☐ 1. rainfall who is pertinent
 - ☐ 2. rainfall which is decant
 - ☐ 3. rainfall which was mendicant
 - ☒ 4. rainfall which is significant

Q.2 Select the most appropriate idiom to fill in the blank.
If Peter said he would get that book for you, he will do it. He always _____.

- Ans
- ☐ 1. keeps his shirt on
 - ☒ 2. keeps his word
 - ☐ 3. keeps under his hat
 - ☐ 4. keeps him at arm's length

Q.3 Select the most appropriate meaning of the underlined segment in the given sentence.
I hope you break a leg at your performance tonight!

- Ans
- ☐ 1. Give up
 - ☐ 2. Make a mistake
 - ☒ 3. Perform well
 - ☐ 4. Hurt yourself

Q.4 Select the most appropriate synonym of the given word.
Magnificent

- Ans
- ☐ 1. Highest
 - ☒ 2. Glorious
 - ☐ 3. Justify
 - ☐ 4. Modest

Q.5 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
When I was in high school / I participated in several extracurricular activities / such as the debate team and the school newspaper / which help me developed my communication and writing skills.

- Ans**
- ☒ 1. I participated in several extracurricular activities
 - ☒ 2. which help me developed my communication and writing skills
 - ☒ 3. When I was in high school
 - ☒ 4. such as the debate team and the school newspaper

Q.6 Select the most appropriate option to fill in the blank.
Winning the championship was a dream come true for the team, but being awarded the MVP trophy was _____.

- Ans**
- ☒ 1. a cold turkey
 - ☒ 2. the silver lining
 - ☒ 3. the icing on the cake
 - ☒ 4. the bird in the bush

Q.7 The sentence given below has spelling errors. Select the sentence without spelling errors.
Knowledge and awareness about my own self has to preceede my knowledge of things other than me.

- Ans**
- ☒ 1. Knowledge and awarenes about my own self has to preceede my knowledge of things other than me.
 - ☒ 2. Knowlegde and awareness about my own self has to preceede my knowlegde of things other than me.
 - ☒ 3. Knowledge and awareness about my own self has to preceede my knowledge of things other then me.
 - ☒ 4. Knowledge and awareness about my own self has to precede my knowledge of things other than me.

Q.8 Select the option that correctly rectifies the underlined spelling error in the given sentence.
Little children are afraid to go to school because of the agressive seniors who tend to bully them.

- Ans**
- ☒ 1. Aggressive
 - ☒ 2. Agrressive
 - ☒ 3. Agrresive
 - ☒ 4. Aggresive

Q.9 The following sentence has been divided into four parts. Identify the part that contains an error.
(A) The twins are / (B) often told that / (C) they are resembling / (D) each other.

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

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 improvement required'.
A wonder in the plant kingdom, the Great Banyan Tree of the AJC Bose Botanical Garden at Shibpur in Howrah, occupies a unique position in the world records.

- Ans**
- ☒ 1. occupying a unique position in
 - ☒ 2. occupies an unique position in
 - ☒ 3. being occupied a unique position of
 - ☒ 4. No improvement required

Q.11 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Simon is afraid of closed space.

- Ans**
- ☒ 1. has xenophobia
 - ☒ 2. has ecophobia
 - ☒ 3. has hydrophobia
 - ☒ 4. has claustrophobia

Q.12 The sentence given below contains some spelling errors. Select the option that has the correct spellings.
Applications of subjects like Physiks and chemmistry in our dayly life also have higher visibilty than those of Biology.

- Ans**
- ☒ 1. Applicacions of subjects like Physiks and Cemistry in our dayly life also have higher visibility than those of Biology.
 - ☒ 2. Applications of subjects like Physics and Chemistry in our daily life also have higher visibility than those of Biology.
 - ☒ 3. Appliications of subjects like Physics and chemistry in our dayly life also have higher visibilty than those of Biology.
 - ☒ 4. Applicacions of subjects like Physics and chemmistry in our daily life also have higher visibilty than those of Biology.

Q.13 Parts of the given sentence have been underlined. One of them contains an error. The underlined parts are given as options with some changes. Select the option that correctly rectifies the error.
The weather is cold tonight than it was yesterday.

- Ans**
- ☒ 1. its
 - ☒ 2. colder
 - ☒ 3. were
 - ☒ 4. are

Q.14 Parts of the following sentence have been given as options. Select the option that contains an error.
The cholera is a frightful disease.

- Ans**
- ☒ 1. a
 - ☒ 2. is
 - ☒ 3. frightful disease
 - ☒ 4. The cholera

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

It has raining very hard and he has a very large umbrella to keep off the rain-drops.

- Ans**
- ☒ 1. rained
 - ☒ 2. shall rain
 - ☒ 3. will be rainy
 - ☒ 4. is raining

Q.16 Select the most appropriate idiom to fill in the blank.
Sameera has been in _____ since she got selected for a highly paid job at a multinational company.

- Ans**
- ☒ 1. seventh heaven
 - ☒ 2. all the rage
 - ☒ 3. a cold day in July
 - ☒ 4. the dark

Q.17 Select the most appropriate synonym of the underlined word in the given sentence.
Shiya had more grit than her other siblings.

- Ans**
- ☒ 1. gap
 - ☒ 2. courage
 - ☒ 3. power
 - ☒ 4. level

Q.18 Select the most appropriate ANTONYM of the underlined word.
We requested grandmother to extend her visit.

- Ans**
- ☒ 1. Curtail
 - ☒ 2. Imperil
 - ☒ 3. Bewail
 - ☒ 4. Assail

Q.19 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Rahul's sister says that my brother is the best dancer in the city.

- Ans**
- ☒ 1. my brother was the best dancer in the city
 - ☒ 2. her brother was the best dancer in the city
 - ☒ 3. his brother was the best dancer in the city
 - ☒ 4. her brother is the best dancer in the city

Q.20 Select the most appropriate option to fill in the blank.
The scratches on her hands were clear signs of domestic violence, _____ and said that she got scratched by barbed wire fencing.

- Ans**
- ☒ 1. which was enough evidence
 - ☒ 2. done a while ago
 - ☒ 3. and poverty
 - ☒ 4. yet she lied

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.

Each essay is set (1)_____ against its background and made simpler by providing (2)_____ summary and critical commentary, short notes on textual issues, and (3)_____ of important critical and theoretical issues under the heading essay topics. (4)_____ of the most commonly used terms in the literature is given at the end and meant to serve as ready reference. This book will cater the (5)_____ of students of literature and teachers teaching this course.

SubQuestion No : 21

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

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

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.

Each essay is set (1)_____ against its background and made simpler by providing (2)_____ summary and critical commentary, short notes on textual issues, and (3)_____ of important critical and theoretical issues under the heading essay topics. (4)_____ of the most commonly used terms in the literature is given at the end and meant to serve as ready reference. This book will cater the (5)_____ of students of literature and teachers teaching this course.

SubQuestion No : 22

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

- Ans**
- ☐ 1. this
 - ☒ 2. its
 - ☐ 3. there
 - ☐ 4. that

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.

Each essay is set (1)_____ against its background and made simpler by providing (2)_____ summary and critical commentary, short notes on textual issues, and (3)_____ of important critical and theoretical issues under the heading essay topics. (4)_____ of the most commonly used terms in the literature is given at the end and meant to serve as ready reference. This book will cater the (5)_____ of students of literature and teachers teaching this course.

SubQuestion No : 23

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

- Ans**
- ☐ 1. thinking
 - ☒ 2. discussions
 - ☐ 3. mindset
 - ☐ 4. chats

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.

Each essay is set (1)_____ against its background and made simpler by providing (2)_____ summary and critical commentary, short notes on textual issues, and (3)_____ of important critical and theoretical issues under the heading essay topics. (4)_____ of the most commonly used terms in the literature is given at the end and meant to serve as ready reference. This book will cater the (5)_____ of students of literature and teachers teaching this course.

SubQuestion No : 24

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

- Ans**
- ☒ 1. glossary
 - ☐ 2. grammar
 - ☐ 3. data
 - ☐ 4. figures

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.

Each essay is set (1)_____ against its background and made simpler by providing (2)_____ summary and critical commentary, short notes on textual issues, and (3)_____ of important critical and theoretical issues under the heading essay topics. (4)_____ of the most commonly used terms in the literature is given at the end and meant to serve as ready reference. This book will cater the (5)_____ of students of literature and teachers teaching this course.

SubQuestion No : 25

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

Ans

 1. whims

 2. desires

 3. needs

 4. feelings