

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 Extra Time

Section : Numerical and Mathematical Ability

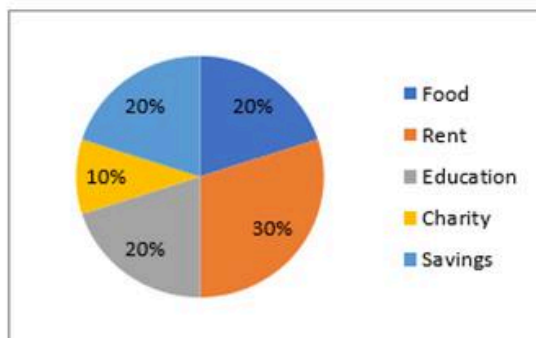
Q.1 At what rate per annum will a sum of ₹6,400 fetch a compound interest (Compounded annually) of ₹1,344 in 2 years?

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

Q.2 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. 21 : 87
 - ☐ 2. 87 : 197
 - ☐ 3. 93 : 179
 - ☒ 4. 93 : 187

Q.3 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.4 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. 24
 - ☐ 2. 18
 - ☐ 3. 16
 - ☒ 4. 12

Q.5 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. 42
 - ☐ 2. 44
 - ☐ 3. 46
 - ☐ 4. 40

Q.6 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. ₹14,000
 - ☐ 4. ₹13,000

Q.7 The selling price of 10 articles is equal to the cost price of 13 articles. What is the gain percentage?

- Ans**
- ☒ 1. 30%
 - ☐ 2. 40%
 - ☐ 3. 20%
 - ☐ 4. 25%

Q.8 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. 15%
 - ☒ 2. 10%
 - ☐ 3. 12%
 - ☐ 4. 5%

Q.9 Each edge of a cube is increased by 30%. What will be the increase in its surface area?

- Ans**
- ☐ 1. 30%
 - ☐ 2. 90%
 - ☒ 3. 69%
 - ☐ 4. 60%

Q.10 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. 18%
 - ☒ 2. 20%
 - ☐ 3. 22%
 - ☐ 4. 15%

Q.11 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. 859
 - ☐ 2. 274
 - ☐ 3. 417
 - ☐ 4. 1167

Q.12 Find the mean proportional between 56 and 14.

- Ans
- ☐ 1. 35
 - ☐ 2. 42
 - ☒ 3. 28
 - ☐ 4. 14

Q.13 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. 11 days
 - ☐ 2. $6\frac{1}{3}$ days
 - ☐ 3. $11\frac{1}{3}$ days
 - ☐ 4. 6 days

Q.14 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. 425 litres
 - ☐ 2. 680 litres
 - ☐ 3. 340 litres
 - ☒ 4. 170 litres

Q.15 The average of four consecutive odd numbers is 58. What is the lowest number?

- Ans
- ☐ 1. 51
 - ☐ 2. 57
 - ☐ 3. 53
 - ☒ 4. 55

Q.16 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.17 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. 25 minutes
 - ☒ 2. 15 minutes
 - ☐ 3. 30 minutes
 - ☐ 4. 20 minutes

Q.18 Simplify the following.

$$15 \div 5 \text{ of } 3 \times 4 + 8 \div 12 \text{ of } 4 \times 12 - 4 \div 5 \times 20$$

- Ans**
- ☒ 1. -10
 - ☐ 2. $\frac{20}{3}$
 - ☐ 3. 12
 - ☐ 4. 1

Q.19 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. 150
 - ☐ 2. 180
 - ☐ 3. 140
 - ☒ 4. 160

Q.20 If $p : q = 5 : 2$, then $p^2 - q^2 : p^2 + q^2 = ?$

- Ans**
- ☐ 1. 29 : 21
 - ☐ 2. 4 : 3
 - ☐ 3. 3 : 4
 - ☒ 4. 21 : 29

Section : Reasoning Ability and Problem Solving

Q.1 If G means '-', A means '×', D means '+', B means '+', then what will come in place of the question mark (?) in the following equation?

$$12 \text{ A } 7 \text{ G } 100 \text{ D } 5 \text{ B } 17 = ?$$

- Ans**
- ☐ 1. 74
 - ☐ 2. 93
 - ☒ 3. 81
 - ☐ 4. 37

Q.2 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. 102
 - ☒ 2. 106
 - ☒ 3. 108
 - ☒ 4. 104

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

11 39 123 375 1131 ?

- Ans**
- ☒ 1. 3399
 - ☒ 2. 3417
 - ☒ 3. 3187
 - ☒ 4. 3499

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

Statements: Some 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. Only conclusion (II) is follows.
 - ☒ 4. Neither conclusion (I) nor (II) is follows.

Q.5 Select the set in which the numbers are related in the same way as are the numbers of the following sets.
(NOTE : Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 – Operations on 13 such as adding / 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. 19, 12, 36
 - ☒ 2. 11, 14, 43
 - ☒ 3. 15, 7, 18
 - ☒ 4. 5, 19, 88

Q.6

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



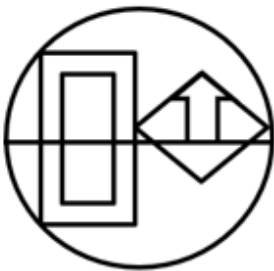
(X)

Ans

✗ 1.



✗ 2.



✓ 3.



✗ 4.



Q.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 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. 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.8 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. V
 - ☒ 2. F
 - ☐ 3. C
 - ☐ 4. D

Q.9 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. DDAAA
 - ☐ 2. DAADD
 - ☐ 3. AADDA
 - ☐ 4. ADDAD

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

ESP, CRN, AQL, YPJ, ?

- Ans**
- ☐ 1. YMG
 - ☐ 2. ZNG
 - ☐ 3. YNI
 - ☒ 4. WOH

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	D	3
△		L

✗ 2.

D		
N	P	△
3		L

✓ 3.

N		
3	D	P
△		L

✗ 4.

P		
N	L	3
D		△

Q.12 What should come in place of ? in the given series based on the English alphabetical order?

NBX, MEW, LHV, KKU, ?

Ans

✗ 1. HNS

✓ 2. JNT

✗ 3. IMR

✗ 4. HMS

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

26 39 52 65 ? 91 104

Ans

✗ 1. 79

✗ 2. 80

✗ 3. 81

✓ 4. 78

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. EFTFSU
 - ✗ 2. FHSGTV
 - ✗ 3. EGTGSV
 - ✗ 4. FGRFST

Q.15 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. 102
 - ✗ 2. 100
 - ✗ 3. 101
 - ✗ 4. 103

Q.16 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. None
 - ✗ 3. Four
 - ✓ 4. Two

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



- Ans
- ✗ 1. 2 5 m 7 8 1 G
 - ✗ 2. 2 2 w 7 8 1 0
 - ✗ 3. 2 s m 7 8 1 0
 - ✓ 4. 2 5 m 7 8 1 0

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

7 28 91 280 ? 2548 7651

- Ans
- ✓ 1. 847
 - ✗ 2. 871
 - ✗ 3. 861
 - ✗ 4. 823

Q.19 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. QEIR
 - ☐ 2. RFIO
 - ☒ 3. RFJP
 - ☐ 4. SEKO

Q.20 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. 2
 - ☐ 3. 8
 - ☐ 4. 6

Section : **General Awareness**

Q.1 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. Jurala Solar Power Plant
 - ☒ 2. Ramagundam Floating Solar Project
 - ☐ 3. Dharmaraopet Solar Power Plant
 - ☐ 4. ReNew Solar Power Plant

Q.2 Which religion has the maximum number of followers in Bhutan?

- Ans**
- ☒ 1. Buddhism
 - ☐ 2. Christian
 - ☐ 3. Hindu
 - ☐ 4. Islam

Q.3 Which of the following is a communication mail channel in India?

- Ans**
- ☒ 1. Green channel
 - ☐ 2. Pink channel
 - ☐ 3. Yellow channel
 - ☐ 4. Red channel

Q.4 Who among the following is primarily regarded as a maestro of Hindustani classical music?

- Ans**
- ☐ 1. Sampagodu Vighnaraja
 - ☐ 2. Mavelikkara Prabhakara Varma
 - ☐ 3. Sai Vignesh
 - ☒ 4. Bade Ghulam Ali Khan

Q.5 Bharati Shivaji and Kanak Rele are exponents of _____.

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

Q.6	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. Bacterioplankton ✗ 3. Zooplankton ✓ 4. Phytoplankton
Q.7	Which of the following novels is correctly paired with its author?
Ans	✗ 1. Malgudi Days – Vikram Seth ✗ 2. Train to Pakistan – Amitav Ghosh ✗ 3. The Shadow Lines – RK Narayan ✓ 4. The Namesake – Jhumpa Lahiri
Q.8	The Madhavpur fair is held at _____.
Ans	✗ 1. Bhatinda ✗ 2. Moradabad ✓ 3. Porbandar ✗ 4. Jaisalmer
Q.9	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
Q.10	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.11	Women's World Boxing Championship 2023 was held in which city in India?
Ans	✗ 1. Gujarat ✗ 2. Goa ✓ 3. New Delhi ✗ 4. Punjab
Q.12	Who inaugurated the 2023 World Squash Championships that was held in India?
Ans	✗ 1. KN Nehru ✗ 2. K Ponmudi ✓ 3. Udhayanidhi Stalin ✗ 4. EV Velu
Q.13	Which Article of the Constitution of India deals with the organization of village panchayat?
Ans	✗ 1. Article 36 ✗ 2. Article 38 ✓ 3. Article 40 ✗ 4. Article 45

Q.14 Who among the following is the author of the book ‘Selection Day’?

- Ans**
- ☐ 1. Chetan Bhagat
 - ☒ 2. Aravind Adiga
 - ☐ 3. Vikram Seth
 - ☐ 4. Amish Tripathi

Q.15 The most famous of all Jain festivals, Mahamastakabhisheka is performed every 12 years at the Digambara sacred complex at _____ in Karnataka.

- Ans**
- ☒ 1. Shravanabelagola
 - ☐ 2. Puliarmala
 - ☐ 3. Jinanathapura
 - ☐ 4. Keelakuilkudi

Q.16 Who among the following dancers is associated with Indian classical dance form of Kathak?

- Ans**
- ☐ 1. Dr. Kanak Rele
 - ☐ 2. Amubi Singh
 - ☒ 3. Pandit Birju Maharaj
 - ☐ 4. Dr. Minati Mishra

Q.17 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 29
 - ☐ 2. Article 21
 - ☒ 3. Article 32
 - ☐ 4. Article 25

Q.18 Who is regarded as the ‘Mother of Indian Revolution’?

- Ans**
- ☐ 1. Usha Mehta
 - ☒ 2. Madame Cama
 - ☐ 3. Annie Besant
 - ☐ 4. Kasturba Gandhi

Q.19 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. Diaspore
 - ☐ 2. Corundum
 - ☐ 3. Siderite
 - ☒ 4. Cinnabar

Q.20 What is ‘Mahawat’ in India?

- Ans**
- ☒ 1. Cyclonic rainfall during the winter season
 - ☐ 2. Hot and dry winds during the summer season
 - ☐ 3. Cold waves during the winter season
 - ☐ 4. Cloud burst during the monsoon season

Q.21 What is the name of the geographic feature that serves as a boundary between Europe and Africa?

- Ans**
- ☒ 1. Strait of Gibraltar
 - ☐ 2. Bosporus Strait
 - ☐ 3. Malacca Strait
 - ☐ 4. Dardanelles Strait

Q.22 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 have no impact on personal income.
 -  3. Transfer payments are included in personal income.
 -  4. Transfer payments are excluded from personal income.

Q.23 Who among the following reformers initially set up a school for girls in Calcutta?

- Ans**
-  1. Ishwar Chandra Vidyasagar
 -  2. Swami Dayanand Saraswati
 -  3. Mahatma Phule
 -  4. Narayana Guru

Q.24 Bharhut Stupa is located in which of the following states?

- Ans**
-  1. Madhya Pradesh
 -  2. Uttar Pradesh
 -  3. Punjab
 -  4. Bihar

Q.25 Who among the following is a Bharatanatyam and Kathakali dancer?

- Ans**
-  1. Sonal Mansingh
 -  2. Mrinalini Sarabhai
 -  3. Padma Subrahmanayam
 -  4. Shovana Narayan

Section : **English Language and Comprehension**

Q.1 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.
I want to / give you / an information about / the missing necklace.

- Ans**
-  1. I want to
 -  2. the missing necklace
 -  3. give you
 -  4. an information about

Q.2 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. Filicide
 -  2. Suicide
 -  3. Patricide
 -  4. Matricide

Q.3 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. to keep an ear to the ground
 -  2. the best of both worlds
 -  3. in for a penny in for a pound
 -  4. on cloud nine

Q.4 Identify the most appropriate meaning of the given word.
Ancient

- Ans**
-  1. Antique
 -  2. Recent
 -  3. Contemporary
 -  4. Unworn

Q.5 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. prepare a vine in planting
 - ☒ 2. prepares in vine in plant
 - ☒ 3. prepared the vine of plant
 - ☒ 4. prepare the vine for planting

Q.6 Select the **INCORRECTLY** spelt word.

- Ans**
- ☒ 1. Tomorrow
 - ☒ 2. Parallel
 - ☒ 3. Irresistable
 - ☒ 4. Recommend

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'.

The conductor said that it was the worse quake he ever knew.

- Ans**
- ☒ 1. worst
 - ☒ 2. bad
 - ☒ 3. more bad
 - ☒ 4. no rectification needed

Q.8 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 sell the company
 - ☒ 2. is selling they company's
 - ☒ 3. was sell the company's
 - ☒ 4. are selling their company's

Q.9 Select the correctly spelt word.

- Ans**
- ☒ 1. Millennium
 - ☒ 2. Milenium
 - ☒ 3. Millenum
 - ☒ 4. Milennium

Q.10 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. Having to start all over again
 - ☒ 2. Fighting with each other
 - ☒ 3. Not ready for the consequence
 - ☒ 4. In the same city

Q.11 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. stress
 - ☒ 2. breakthrough
 - ☒ 3. setback
 - ☒ 4. progression

Q.12 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. rough
 - ☒ 2. genuine
 - ☒ 3. lucid
 - ☒ 4. humble

Q.13 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.14 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. autobiography
 - ☒ 3. biography
 - ☐ 4. novel

Q.15 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 suit the larger picture.
 - ☐ 2. Throug we read and hear a lot on green initiatives, we hardly tweak our routines to suite the larger picture.
 - ☐ 3. Though we read and hear a lot on green iniciatives, we hardly tweak our routines to suite the larger picture.
 - ☐ 4. Though we read and hear a lot on green initiatives, we hardly tweek our routines to suite the larger picture.

Q.16 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. on pondering the meaningless of existence
 - ☐ 2. Existentialism has a reputation
 - ☐ 3. for being angst-ridden and gloomy
 - ☐ 4. mostly because of its emphasis

Q.17 Select the option that can be used as a one-word substitute for the given group of words.
Unpleasant

- Ans
- ☐ 1. Nebulous
 - ☐ 2. Natal
 - ☒ 3. Nasty
 - ☐ 4. Negligible

Q.18 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. B
 - ☒ 2. D
 - ☐ 3. A
 - ☐ 4. C

Q.19 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. The cat's
 - ☐ 2. The cats'
 - ☐ 3. A cats'
 - ☐ 4. A cat's

Q.20 Select the most appropriate meaning of the underlined idiom.
Mary is a ball of fire and is always engaged in something creative.

- Ans
- ☐ 1. A dull and insipid person
 - ☒ 2. An active and energetic person
 - ☐ 3. A talkative person
 - ☐ 4. To be good and beneficial for someone

Comprehension:

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. on
 - ☒ 2. towards
 - ☒ 3. with
 - ☒ 4. by

Comprehension:

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

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. politicians
 - ☒ 3. humans
 - ☒ 4. citizens

Comprehension:

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. neither
 - ☒ 2. either
 - ☒ 3. also
 - ☒ 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.

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. protection
 - ☒ 2. delimitation
 - ☒ 3. diversion
 - ☒ 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. marginal
 -  2. elitist
 -  3. negligible
 -  4. populist

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 राम ने ₹65,500 में एक टीवी खरीदा और उसे ₹ 89,080 में बेच दिया। उसे टीवी पर कितने प्रतिशत का लाभ हुआ?

- Ans
- ☐ 1. 42%
 - ☐ 2. 34%
 - ☐ 3. 40%
 - ☒ 4. 36%

Q.2 समान चाल वाली दो रेलगाड़ियां विपरीत दिशाओं में चल रही हैं। यदि प्रत्येक रेलगाड़ी की लंबाई 120 मीटर है और वे एक-दूसरे को 8 सेकंड में पार करती हैं, तो प्रत्येक रेलगाड़ी की चाल (km/h में) क्या है?

- Ans
- ☐ 1. 45
 - ☐ 2. 50
 - ☐ 3. 60
 - ☒ 4. 54

Q.3 एक वस्तु की पतन की ऊंचाई समय के वर्ग के अनुक्रमानुपाती है। वस्तु 4 सेकंड में 80 cm नीचे गिरती है, तो 8 सेकंड में वस्तु कितनी ऊंचाई (cm में) से गिरेगी?

- Ans
- ☒ 1. 320
 - ☐ 2. 480
 - ☐ 3. 420
 - ☐ 4. 360

Q.4 एक स्कूल में दसवीं कक्षा के छात्रों की औसत ऊंचाई 100 cm है। लड़कों की औसत ऊंचाई 118 cm है, जबकि लड़कियों की औसत ऊंचाई 95 cm है। यदि कक्षा में 20 लड़के हैं तो लड़कियों की संख्या कितनी है?

- Ans
- ☐ 1. 63
 - ☒ 2. 72
 - ☐ 3. 54
 - ☐ 4. 36

Q.5 दो संख्याओं का महत्तम समापवर्तक 12 है। निम्नलिखित में से कौन-सा उनका लघुत्तम समापवर्त्य कभी नहीं हो सकता है?

- Ans
- ☒ 1. 74
 - ☐ 2. 60
 - ☐ 3. 48
 - ☐ 4. 24

Q.6 एक छात्रावास में 75 छात्र हैं। नए दाखिले के कारण, 15 नए छात्र मेस में शामिल हो गए, और मेस के दैनिक खर्च में ₹240 की वृद्धि हो गई, जबकि प्रति छात्र औसत खर्च में ₹5 की कमी आ गई। मेस का मूल व्यय (₹ में) क्या था?

- Ans
- ☐ 1. 4,530
 - ☐ 2. 3,540
 - ☒ 3. 3,450
 - ☐ 4. 4,350

Q.7 उस गोले का आयतन ज्ञात कीजिए जिसका आयतन $381\frac{6}{7} \text{ m}^3$ है।

- Ans
- ☐ 1. 8 m
 - ☐ 2. 18 m
 - ☒ 3. 9 m
 - ☐ 4. 7 m

Q.8 100 श्रमिक प्रतिदिन 8 घंटे काम करके 2000 मीटर लंबी नहर 25 दिनों में खोद सकते हैं। ऐसी ही 2800 मीटर लंबी एक नहर को प्रतिदिन 5 घंटे काम करके 32 दिनों में खोदने के लिए आवश्यक श्रमिकों की संख्या ज्ञात कीजिए।

- Ans
- ☐ 1. 170
 - ☐ 2. 165
 - ☒ 3. 175
 - ☐ 4. 180

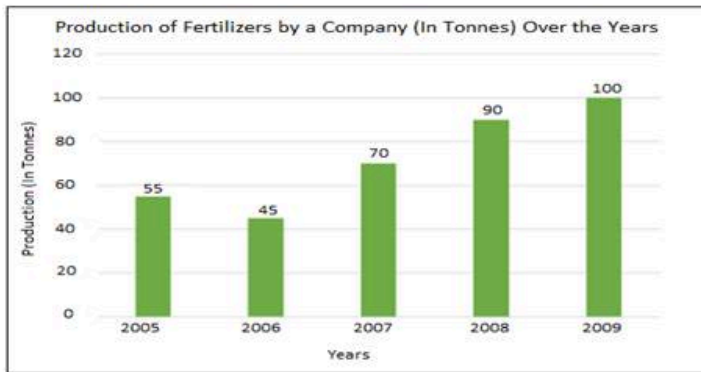
Q.9 अनिल बीना को 20% के लाभ पर एक कार बेचता है। बीना इसे करण को 25% के लाभ पर बेच देती है। यदि करण इसके लिए ₹2,25,000 का भुगतान करता है, तो अनिल के लिए कार का क्रय मूल्य ज्ञात कीजिए।

- Ans
- ☐ 1. ₹1,25,000
 - ☐ 2. ₹1,75,000
 - ☒ 3. ₹1,50,000
 - ☐ 4. ₹2,00,000

Q.10 यदि एक खोखले गोले को, जिसके बाह्य और आंतरिक व्यास क्रमशः 6 cm और 4 cm हैं, को पिघलाकर 8 cm आधार व्यास का एक शंकु बनाया जाता है, तो इस शंकु की ऊंचाई कितनी है?

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

- Q.11 नीचे दिए गए दंड आलेख में कुछ वर्षों में एक कंपनी (टन में) द्वारा उर्वरकों के उत्पादन को दर्शाया गया है। दंड आलेख का अध्ययन कीजिए और उसके आधार पर प्रश्न का उत्तर दीजिए।



संदर्भ: Production of fertilizers by a company (in tonnes) over the years = कुछ वर्षों में एक कंपनी द्वारा उर्वरकों का उत्पादन (टन में), Production (in tonnes) = उत्पादन (टन में), Years - वर्ष

2006 की तुलना में 2009 में उर्वरकों के उत्पादन में प्रतिशत वृद्धि (निकटतम पूर्णांक तक सन्निकटित) कितनी थी?

- Ans
- ☒ 1. 124%
 - ☒ 2. 122%
 - ☒ 3. 118%
 - ☒ 4. 120%

- Q.12 $\frac{9(3-5)-5 \text{ of } 4 \div 10}{-3 \times 5 - 2 \times 4 \div 2}$ का मान ज्ञात कीजिए।

- Ans
- ☒ 1. $\frac{18}{19}$
 - ☒ 2. $\frac{13}{14}$
 - ☒ 3. $\frac{19}{20}$
 - ☒ 4. $\frac{20}{19}$

- Q.13 दो संख्याओं का योग उनके अंतर के नौ गुना के बराबर है। संख्याओं का अनुपात कितना है?

- Ans
- ☒ 1. 3 : 7
 - ☒ 2. 3 : 4
 - ☒ 3. 9 : 5
 - ☒ 4. 5 : 4

- Q.14 हेमा ने 3 वर्ष के लिए (वार्षिक रूप से संयोजित) चक्रवृद्धि ब्याज की दर से ₹1,728 का निवेश किया। एक निर्दिष्ट अवधि के बाद उसे ₹4,096 मिले। वार्षिक ब्याज की दर ज्ञात कीजिए।

- Ans
- ☒ 1. $33\frac{1}{2}\%$
 - ☒ 2. $33\frac{1}{3}\%$
 - ☒ 3. $30\frac{1}{2}\%$
 - ☒ 4. $30\frac{1}{3}\%$

Q.15 A किसी काम को पूरा करने में B से दोगुना कुशल है, और वे दोनों एक साथ मिलकर उस काम को 20 दिनों में पूरा कर सकते हैं। A को अकेले काम को पूरा करने में कितने दिन का समय लगेगा?

- Ans**
- ☐ 1. 32 दिन
 - ☐ 2. 34 दिन
 - ☒ 3. 30 दिन
 - ☐ 4. 28 दिन

Q.16 कक्षा में लड़कों की औसत आयु 16 वर्ष थी। जब 13 वर्ष औसत आयु वाले 4 लड़कों को कक्षा में प्रवेश दिया गया, तो कक्षा की औसत आयु में 6 माह की कमी आ गई। कक्षा में शुरूआत में कितने लड़के थे?

- Ans**
- ☐ 1. 22
 - ☐ 2. 18
 - ☐ 3. 25
 - ☒ 4. 20

Q.17 एक व्यक्ति की मासिक आय ₹27,000 थी और उसका मासिक व्यय ₹18,000 था। अगले वर्ष उसकी आय में 28% की वृद्धि होती है और उनके व्यय में 14% की वृद्धि होती है। उसकी बचत में प्रतिशत वृद्धि ज्ञात कीजिए।

- Ans**
- ☐ 1. 50.5%
 - ☒ 2. 56%
 - ☐ 3. 51.5%
 - ☐ 4. 61.5%

Q.18 एक पुलिसकर्मी 600 m की दूरी से एक चोर को देखता है। चोर 20 km/h की चाल से दौड़ना शुरू करता है और पुलिसकर्मी 25 km/h की चाल से दौड़ते हुए उसका पीछा करता है। 6 मिनट बाद उनके बीच की दूरी (मीटर में) ज्ञात कीजिए।

- Ans**
- ☐ 1. 200
 - ☐ 2. 50
 - ☐ 3. 300
 - ☒ 4. 100

Q.19 किसी धनराशि पर साधारण ब्याज मूलधन का चार गुना है। वार्षिक दर प्रतिशत और वर्षों में समय बराबर हैं। वार्षिक प्रतिशत दर ज्ञात कीजिए।

- Ans**
- ☐ 1. 10%
 - ☐ 2. 15%
 - ☒ 3. 20%
 - ☐ 4. 12%

Q.20 निम्नलिखित तालिका में पिछले 5 वर्षों के दौरान पांच परिवारों का वार्षिक व्यय (₹ हजार में) दर्शाया गया है। दी गई तालिका का अध्ययन कीजिए और नीचे दिए गए प्रश्न का उत्तर दीजिए।

वर्ष → परिवार ↓	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

किस वर्ष में परिवार F₄ का वार्षिक व्यय 2017 से 2021 तक परिवार F₄ के औसत व्यय के बराबर था?

- Ans**
- ☐ 1. 2021
 - ☐ 2. 2020
 - ☐ 3. 2019
 - ☒ 4. 2017

Section : Reasoning Ability and Problem Solving

Q.1 दी गई श्रृंखला में प्रश्न चिन्ह '?' के स्थान पर क्या आना चाहिए?

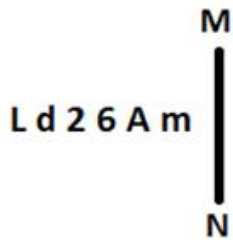
10 59 353 ? 12701 76205 457229

- Ans**
- ☐ 1. 2149
 - ☒ 2. 2117
 - ☐ 3. 2247
 - ☐ 4. 2073

Q.2 एक निश्चित तर्क के अनुसार 18, 54 से संबंधित है। समान तर्क के अनुसार, 21, 63 से संबंधित है। समान तर्क का अनुसरण करते हुए 72 निम्नलिखित में से किससे संबंधित है?

- Ans**
- ☒ 1. 216
 - ☐ 2. 220
 - ☐ 3. 222
 - ☐ 4. 218

Q.3 दी गई आकृति के उस सही दर्पण प्रतिबिंब को चुनिए, जो नीचे दर्शाए गए अनुसार दर्पण को MN पर रखने पर बनेगा।



- Ans
- ☒ 1. m A 6 2 b L
 - ☒ 2. m A 6 2 b L
 - ☒ 3. w V 6 2 b L
 - ☒ 4. m A 6 2 b L

Q.4 दी गई श्रृंखला में प्रश्न चिह्न '?' के स्थान पर क्या आना चाहिए?

51 53 57 59 ? 65 69

- Ans
- ☒ 1. 65
 - ☒ 2. 63
 - ☒ 3. 62
 - ☒ 4. 64

Q.5 अंग्रेजी वर्णमाला क्रम के आधार पर दी गई श्रृंखला में प्रश्न चिह्न (?) के स्थान पर क्या आना चाहिए?

MFJ, JCU, GZR, DWO, ?

- Ans
- ☒ 1. ATL
 - ☒ 2. YSM
 - ☒ 3. ZSL
 - ☒ 4. ZRM

Q.6 उस सही विकल्प को चुनिए, जिसे दी गई श्रृंखला के रिक्त स्थानों में इसी क्रम में रखने पर श्रृंखला तार्किक रूप से पूरी हो जाएगी।

ZA_J B_BK DAB_ _ABM HA_N

- Ans
- ☒ 1. BALPC
 - ☒ 2. BALFB
 - ☒ 3. FCBPL
 - ☒ 4. CHBNK

Q.7 नीचे दिए गए कथनों और निष्कर्षों को ध्यानपूर्वक पढ़िए। आपको मानना है कि दिए गए कथन सत्य हैं चाहे वे समान्यतः ज्ञात तथ्यों से अलग प्रतीत होते हों। आपको निश्चय करना है कि कौन-सा/कौन-से निष्कर्ष तार्किक रूप से दिए गए कथनों के अनुसार है/हैं।

कथन: कुछ लिपस्टिक, फाउंडेशन हैं। सभी फाउंडेशन, ब्राउन हैं। कुछ ब्राउन, हाईलाइटर हैं।

निष्कर्ष I: कुछ लिपस्टिक, ब्राउन हैं।

निष्कर्ष II: सभी फाउंडेशन, हाईलाइटर हैं।

Ans

- ☒ 1. न तो निष्कर्ष (I) और न ही (II) कथनों के अनुसार है।
- ☒ 2. दोनों निष्कर्ष (I) और (II) कथनों के अनुसार हैं।
- ☒ 3. केवल निष्कर्ष (II) कथनों के अनुसार है।
- ☒ 4. केवल निष्कर्ष (I) कथनों के अनुसार है।

Q.8 अंग्रेजी वर्णमाला क्रम के आधार पर MEOP, KCMN से एक निश्चित प्रकार से संबंधित है। उसी प्रकार, LTDG, JRBE से संबंधित है। समान तर्क का अनुसरण करते हुए, UNTF निम्नलिखित में से किससे संबंधित है?

Ans

- ☒ 1. VPUH
- ☒ 2. SMRE
- ☒ 3. SLRD
- ☒ 4. TOSG

Q.9 छः लोग, विजय, हर्ष, गोलू, सतीश, करण और अवधी एक सीधी पंक्ति में उत्तर की ओर मुख करके बैठे हैं। विजय दाईं ओर के छोर से तीसरे स्थान पर बैठा है। हर्ष, विजय के बाईं ओर से तीसरे स्थान पर बैठा है। सतीश, हर्ष का निकटतम पड़ोसी है। गोलू, सतीश के दाईं ओर से तीसरे स्थान पर बैठा है। अवधी, गोलू की निकटतम पड़ोसी है। विजय के दाईं ओर से दूसरे स्थान पर कौन बैठा/बैठी है?

Ans

- ☒ 1. करण
- ☒ 2. अवधी
- ☒ 3. गोलू
- ☒ 4. सतीश

Q.10 यदि 12 दिसंबर 2009 को शनिवार है, तो 16 दिसंबर 2014 को सप्ताह का कौन-सा दिन होगा?

Ans

- ☒ 1. मंगलवार
- ☒ 2. शुक्रवार
- ☒ 3. गुरुवार
- ☒ 4. बुधवार

Q.11 यदि A का अर्थ $-$, G का अर्थ $\times$, D का अर्थ $+$, E का अर्थ $+$ है, तो निम्नलिखित समीकरण में प्रश्न चिह्न (?) के स्थान पर क्या आएगा?
 $18 E 27 D 3 A 2 G 5 = ?$

Ans

- ☒ 1. 31
- ☒ 2. 43
- ☒ 3. 17
- ☒ 4. 29

Q.12 उस समुच्चय को चुनिए जिसमें संख्याएँ ठीक उसी प्रकार संबंधित हैं जिस प्रकार निम्नलिखित समुच्चयों की संख्याएँ संबंधित हैं।

(ध्यान दें: संख्याओं को उनके घटक अंकों में अलग-अलग किए बिना, पूर्ण संख्याओं पर संक्रियाएँ की जानी चाहिए। उदा. 13 – संख्या 13 पर संक्रियाएँ जैसे 13 को जोड़ना/घटाना/गुणा करना आदि किया जा सकता है। 13 को 1 और 3 में अलग-अलग करने की ओर फिर 1 और 3 पर गणितीय संक्रियाएँ करने की अनुमति नहीं है।)

(25, 49, 73)

(34, 23, 12)

- Ans**
- ☒ 1. 5, 35, 17
 - ☒ 2. 11, 9, 18
 - ☒ 3. 13, 15, 19
 - ☒ 4. 18, 22, 26

Q.13 यदि निम्नलिखित आकृति श्रृंखला को जारी रखना हो तो कौन-सी आकृति प्रश्न चिन्ह (?) के स्थान पर आनी चाहिए?

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.

O
5 C A
9 Z

☒ 2.

C
5 9 A
O Z

☒ 3.

C
Z A O
5 9

☒ 4.

C
Z 9 5
O A

Q.14 नीचे दिए गए कथन/कथनों और निष्कर्षों को ध्यानपूर्वक पढ़िए। आपको मानना है कि दिए गए कथन सत्य हैं चाहे वे समान्यतः ज्ञात तथ्यों से अलग प्रतीत होते हों। आपको निश्चय करना है कि कौन-सा/कौन-से निष्कर्ष तार्किक रूप से दिए गए कथन/कथनों के अनुसार है/हैं।
कथन: सभी कप, किताबें हैं। सभी किताबें, शर्ट हैं।
निष्कर्ष:
(I) कुछ कप, शर्ट नहीं हैं।
(II) कुछ शर्ट, कप हैं।

Ans

- ☒ 1. दोनों निष्कर्ष (I) और (II) कथनों के अनुसार हैं।
- ☒ 2. न तो निष्कर्ष (I) और न ही (II) कथनों के अनुसार है।
- ☒ 3. केवल निष्कर्ष (II) कथनों के अनुसार है।
- ☒ 4. केवल निष्कर्ष (I) कथनों के अनुसार है।

Q.15 अंग्रेजी वर्णमाला क्रम के आधार पर दी गई श्रृंखला में प्रश्न चिह्न (?) के स्थान पर क्या आना चाहिए?

BLS, FJQ, JHO, NFM, ?

Ans

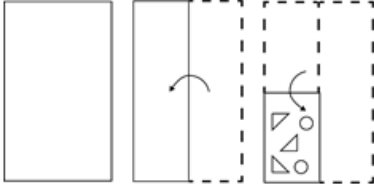
- ☒ 1. QEJ
- ☒ 2. SCK
- ☒ 3. QCI
- ☒ 4. RDK

Q.16 एक निश्चित कूट भाषा में, 'DOMINATE' को 'TANIMODE' लिखा जाता है और 'FAITHFUL' को 'UFHTIAFL' लिखा जाता है। उस कूट भाषा में 'HIGHWAY' को कैसे लिखा जाएगा?

Ans

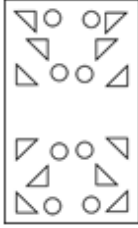
- ☒ 1. AYWHGIH
- ☒ 2. IGHWAYH
- ☒ 3. AWHGIHY
- ☒ 4. YAWHGIH

Q.17 निम्नलिखित आकृतियों में एक कागज़ के टुकड़े को मोड़ने के क्रम और मुड़े हुए कागज़ को काटने के तरीके को दर्शाया गया है। खोलने पर यह कागज़ कैसा दिखाई देगा?

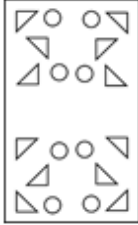


Ans

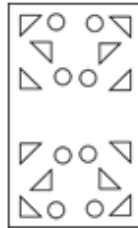
✗ 1.



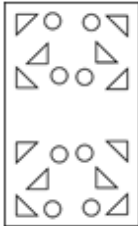
✗ 2.



✓ 3.



✗ 4.



Q.18 दी गई श्रृंखला में प्रश्न चिह्न '?' के स्थान पर क्या आना चाहिए?

41 45 54 70 95 ?

Ans

✗ 1. 133

✓ 2. 131

✗ 3. 130

✗ 4. 132

Q.19 एक निश्चित कूट भाषा में, 'DRAW' को '7932' लिखा जाता है और 'WEAR' को '4729' लिखा जाता है। उसी कूट भाषा में 'E' को कैसे लिखा जाएगा?

Ans

✗ 1. 7

✗ 2. 9

✗ 3. 2

✓ 4. 4

- Q.20 यदि '+' और '-' को आपस में बदल दिया जाए तथा '×' और '÷' को आपस में बदल दिया जाए तो निम्नलिखित समीकरण में (?) के स्थान पर क्या आएगा?
- $90 \div 4 + 75 - 93 \times 3 = ?$
- Ans  1. 316
-  2. 279
-  3. 406
-  4. 165

Section : **General Awareness**

Q.1 छत्तीसगढ़ के श्री डोमार सिंह कुंवर (Shri Domar Singh Kunvar) को 'नाट्य नाच' (Natya Nach) में उनके योगदान के लिए वर्ष 2023 में _____ से सम्मानित किया गया।

- Ans  1. भारत रत्न
-  2. पद्म भूषण
-  3. पद्म विभूषण
-  4. पद्म श्री

Q.2 मध्यकालीन भारत के निम्नलिखित संगीतकारों में से किसे 'तुती-ए-हिन्द (Tuti-e-Hind)' कहा जाता है और कव्वाली का जनक भी माना जाता है?

- Ans  1. स्वामी हरिदास
-  2. मियां तानसेन
-  3. पुरंदर दास
-  4. अमीर खुसरो

Q.3 निम्नलिखित में से कौन-सा सरकारी बजट में राजस्व प्राप्ति का उदाहरण है?

- Ans  1. किसी राज्य-स्वामित्व वाली कंपनी द्वारा ऋण का पुनर्भुगतान
-  2. सरकारी-स्वामित्व वाली भूमि की बिक्री
-  3. अंतर्राष्ट्रीय संगठनों से धनराशि ऋण पर लेना
-  4. राज्य- स्वामित्व वाले उद्यम से प्राप्त लाभांश

Q.4 वैश्विक बहुआयामी गरीबी सूचकांक रिपोर्ट 2022 के अनुसार, पिछले _____ में भारत में कुल 415 मिलियन लोग बहुआयामी गरीबी से बाहर निकले हैं।

- Ans  1. 5 वर्ष
-  2. 20 वर्ष
-  3. 10 वर्ष
-  4. 15 वर्ष

Q.5 निम्नलिखित में से किस देश ने मार्च 2023 में तीसरी बार IBA महिला विश्व मुक्केबाजी चैंपियनशिप (IBA Women's World Boxing Championships) की मेजबानी की?

- Ans  1. भारत
-  2. यूनाइटेड किंगडम
-  3. मलेशिया
-  4. हंगरी

Q.6 संस्कृत के ज्ञान के लिए कलकत्ता विश्वविद्यालय के संकाय से पंडिता की उपाधि किसे मिली?

- Ans  1. रोकाया सखावत हुसैन
-  2. रास सुंदरी देवी
-  3. रमाबाई सरस्वती
-  4. सरोजिनी नायडू

Q.7	कर्नाटक की रानी मचैया (Rani Machaiah) को कर्नाटक और कर्नाटक के बाहर _____ को लोकप्रिय बनाने में उनके योगदान के लिए पद्म श्री से सम्मानित किया गया था।
Ans	✗ 1. कुनिठा (Kuniitha) ✓ 2. उम्मत-आट (Ummathat) ✗ 3. कामसले नृत्य (Kamsale Nritya) ✗ 4. कराडी माजलू (Karadi Majalu)
Q.8	निम्नलिखित में से किस राज्य ने भारत के 36वें राष्ट्रीय खेलों की मेजबानी की थी?
Ans	✓ 1. गुजरात ✗ 2. कर्नाटक ✗ 3. महाराष्ट्र ✗ 4. पंजाब
Q.9	मुल्क राज आनंद _____ के लेखक हैं।
Ans	✓ 1. अनटचेबल (Untouchable) ✗ 2. द इनविजिबल मैन (The Invisible Man) ✗ 3. द गाइड (The Guide) ✗ 4. ए पैसेज टू इंडिया (A Passage to India)
Q.10	_____ का बलती नृत्य (Balti dance) विशिष्ट है क्योंकि बलती भाषा में इसकी अपनी पोशाक, संगीत और गीत हैं। यह नृत्य केवल दुर्लभ अवसरों पर ही किया जाता है, जैसे दावर्ते या उत्सव।
Ans	✓ 1. लद्दाख ✗ 2. उत्तराखंड ✗ 3. हिमाचल प्रदेश ✗ 4. कश्मीर
Q.11	समुद्री डकैती विरोधी विधेयक, 2022 (Maritime Anti-Piracy Act, 2022) के संबंध में निम्नलिखित में से कौन-सा कथन सत्य है?
	1) संसद ने दिसंबर 2022 में समुद्री डकैती विरोधी विधेयक, 2022 को राज्यसभा से मंजूरी दे दी। 2) यह अधिनियम भारतीय अधिकारियों को खुले समुद्र में समुद्री डकैती के खिलाफ कार्रवाई करने में सक्षम बनाता है। 3) यह विशिष्ट आर्थिक क्षेत्र से परे समुद्र पर लागू होता है, जो भारत के समुद्र तट से 500 समुद्री मील से ऊपर है। 4) अधिनियम समुद्री डकैती को किसी निजी जहाज या विमान के चालक दल या यात्रियों द्वारा निजी उद्देश्यों के लिए किसी जहाज, विमान या व्यक्ति के खिलाफ हिंसा, हिरासत या विनाश के किसी भी अवैध कार्य के रूप में परिभाषित करता है।
Ans	✗ 1. 1, 3 और 4 ✓ 2. 1, 2 और 4 ✗ 3. 1, 2 और 3 ✗ 4. 2, 3 और 4
Q.12	एक व्यावसायिक बैंक का प्राथमिक कार्य क्या है?
Ans	✗ 1. मुद्रा आपूर्ति का विनियमन ✗ 2. मौद्रिक नीति का संचालन ✗ 3. करेंसी नोट और सिक्के जारी करना ✓ 4. ऋण देना और जमा स्वीकार करना
Q.13	बिरसा मुंडा हॉकी स्टेडियम किस राज्य में बनाया गया था?
Ans	✓ 1. ओडिशा ✗ 2. झारखंड ✗ 3. गुजरात ✗ 4. महाराष्ट्र
Q.14	निम्नलिखित में से सही जोड़ी (स्थानांतरित कृषि का नाम और संबंधित राज्य) की पहचान कीजिए।
Ans	✓ 1. बेवर – मध्यप्रदेश ✗ 2. कुरुवा – पंजाब ✗ 3. पोडु – तमिलनाडु ✗ 4. बरीगां – उत्तरप्रदेश

Q.15	भारतीय नागरिकों के मौलिक कर्तव्य किस देश के संविधान से अपनाए गए थे?
Ans	1. जापान 2. संयुक्त राज्य अमेरिका 3. यूनाइटेड किंगडम 4. सोवियत संघ
Q.16	ताजमहल के मकबरे की रूपरेखा _____ द्वारा तैयार की गई थी।
Ans	1. शाहजहां 2. मोहम्मद ईशा 3. उस्ताद अहमद लाहौरी 4. भक्तियार लाहौरी
Q.17	'मिडनाइट्स चिल्ड्रेन (Midnight's Children)' निम्नलिखित में से किस लेखक का उपन्यास है?
Ans	1. सलमान रुश्दी 2. जेन औस्टिन 3. चेतन भगत 4. विक्रम सेठ
Q.18	विश्व का सबसे बड़ा ऊंट मेला निम्नलिखित में से किस शहर में आयोजित किया जाता है?
Ans	1. उदयपुर 2. पुष्कर 3. बीकानेर 4. बाड़मेर
Q.19	नीला हरा शैवाल एनाबिना (Anabaena) मीठे पानी के फर्न अजोला (Azolla) की पत्तियों में रहता है, जो निम्नलिखित में से कौन-सा संबंध बनाता है?
Ans	1. स्वपोषी 2. परजीवी 3. सहजीवी 4. मृतपोषी
Q.20	आंध्र प्रदेश राज्य में स्वदेशी आंदोलन को क्या कहा गया?
Ans	1. खिलाफत आंदोलन 2. गदर आंदोलन 3. भारत छोड़ो आंदोलन 4. वंदे मातरम आंदोलन
Q.21	जेट प्रवाह किसका एक विशेष रूप है?
Ans	1. वायुमंडलीय प्रदूषण 2. आवधिक जल गति 3. भूविक्षेपी पवनें 4. मौसम वाताग्र
Q.22	निम्नलिखित में से कौन-सी पहाड़ियां पूर्वांचल में स्थित हैं ?
Ans	1. खासी और जयन्तिया पहाड़ियां 2. अनाई मुंडी और डोडा बेटा 3. शेवराय पहाड़ियां और जावोडी पहाड़ियां 4. मिज़ो पहाड़ियां और नागा पहाड़ियां
Q.23	निम्नलिखित भारतीय संगीतकारों में से मोहन वीणा के आविष्कारक कौन हैं?
Ans	1. संदीप दास 2. तोताराम शर्मा 3. पंडित विश्वमोहन भट्ट 4. ब्रज भूषण काबरा

Q.24 कौन 1827 में एक सूत्र प्रकाशित करने के लिए प्रसिद्ध था जो विद्युत धारा, प्रतिरोध और वोल्टता के बीच एक गणितीय संबंध दर्शाता है?

- Ans**
- ☒ 1. जॉर्ज साइमन ओम (Georg Simon Ohm)
 - ☐ 2. गुस्ताव किरचॉफ (Gustav Kirchhoff)
 - ☐ 3. विलियम वॉटसन (William Watson)
 - ☐ 4. विलियम गिल्बर्ट (William Gilbert)

Q.25 राज्य विधानमंडल (State Legislature) के किसी भी सदन का सदस्य हुए बिना कोई व्यक्ति कितने समय तक मंत्री बना रह सकता है?

- Ans**
- ☐ 1. 1 वर्ष
 - ☐ 2. 2 महीने
 - ☐ 3. 15 दिन
 - ☒ 4. 6 महीने

Section : **English Language and Comprehension**

Q.1 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. came
 - ☐ 2. for
 - ☒ 3. less
 - ☐ 4. ones

Q.2 Select the most appropriate synonym of the given word.
Laconic

- Ans**
- ☐ 1. Certain
 - ☐ 2. Fanciful
 - ☐ 3. Reasonable
 - ☒ 4. Concise

Q.3 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. atmosphere
 - ☒ 3. acumulation
 - ☐ 4. decades

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

- Ans**
- ☐ 1. Closed
 - ☐ 2. Opaque
 - ☒ 3. Sparse
 - ☐ 4. Thick

Q.5 Select the most appropriate meaning of the given idiom.

Bone to pick

- Ans**
- ☐ 1. To stop trying hard
 - ☐ 2. Putting in extra effort
 - ☐ 3. To not give up
 - ☒ 4. To be angry about something and want to discuss it

Q.6 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

Q.7 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. one are proposed to
 - ☐ 2. you are excited with
 - ☒ 3. you are exposed to
 - ☐ 4. you are interrupted to

Q.8 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. on the wall
 - ☒ 2. quick
 - ☐ 3. The little child
 - ☐ 4. wrote his name

Q.9 Select the most appropriate option to fill in the blank.
Ravi has little in _____ with his friend, Senthil.

- Ans**
- ☒ 1. common
 - ☐ 2. contention
 - ☐ 3. normal
 - ☐ 4. formal

Q.10 Select the most appropriate option to fill in the blank.

Make-up was _____ she hardly wore.

- Ans**
- ☒ 1. something
 - ☐ 2. anything
 - ☐ 3. someone
 - ☐ 4. anybody

Q.11 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. C
 - ☐ 2. D
 - ☐ 3. B
 - ☐ 4. A

Q.12 Select the most appropriate idiom to fill in the blank.
She told me, _____, that she was going to live in New York.

- Ans**
- ☒ 1. out of the blue
 - ☐ 2. black and blue
 - ☐ 3. once in a blue moon
 - ☐ 4. blue blood

Q.13 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. at Vandenberg Air Force Base.
 - ☐ 2. was launch on 3 April 1965
 - ☐ 3. A SNAP-10 A
 - ☒ 4. on an Atlas-Agena D rocket

Q.14 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Playwright
 - ☒ 2. Experiance
 - ☐ 3. Leisure
 - ☐ 4. Sergeant

Q.15 Select the option that can be used as a one-word substitute for the given group of words.
Pause indecisively

- Ans**
- ☐ 1. Hoist
 - ☒ 2. Hesitate
 - ☐ 3. Hobble
 - ☐ 4. Hibernate

Q.16 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 I has completed my projects
 - ☐ 2. if I shall have completed my projects
 - ☐ 3. if he has completed my projects
 - ☒ 4. if I had completed my projects

Q.17 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

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. and the outcome was largely the same
 - ☐ 2. is a classic drama often seen in India
 - ☐ 3. The fight of the cobra and the mongoose
 - ☐ 4. No error

Q.18 Select the correct spelling of the underlined word in the following sentence.

He dispsised the taste of black coffee.

- Ans**
- ☐ 1. dispsised
 - ☐ 2. despeded
 - ☒ 3. despised
 - ☐ 4. despisid

Q.19 Select the appropriate meaning of the given idiom.

Grasping at straws

- Ans**
- ☐ 1. Wasting time enjoying and relaxing
 - ☐ 2. Holding the last strands of straw
 - ☒ 3. Desperate attempt to succeed
 - ☐ 4. Futile attempts to win

Q.20 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. obligations
 - ☐ 2. applications
 - ☒ 3. complications
 - ☐ 4. transformations

Comprehension:

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. it
 - ☒ 2. all
 - ☒ 3. nothing
 - ☒ 4. everything

Comprehension:

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. we
 - ☒ 2. it
 - ☒ 3. us
 - ☒ 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. late
 - ☒ 2. active
 - ☒ 3. early
 - ☒ 4. idle

Comprehension:

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. benefit
 -  2. lose
 -  3. reward
 -  4. enjoy

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

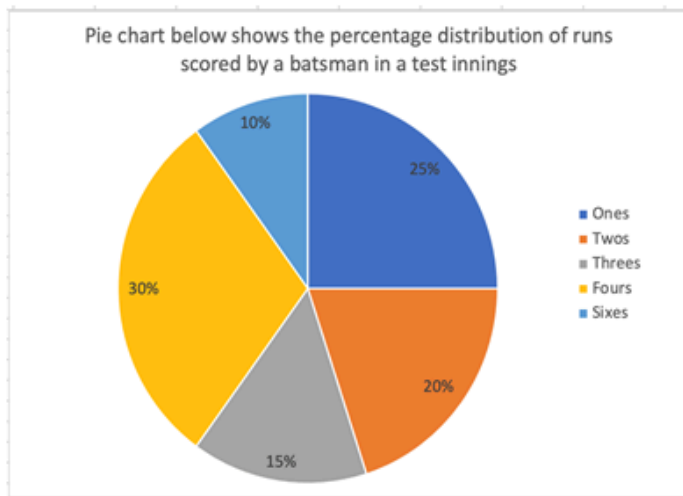
Q.14 A can complete a task in 10 days. He worked for 4 days and then stopped. B completed the remaining work in 9 days. In how many days can A and B together complete the task?

- 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

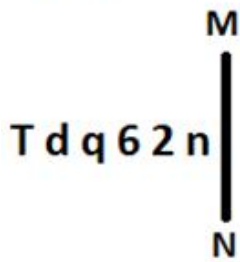
- Ans
- ☐ 1. Duck : Geese
 - ☐ 2. Donkey : Pony
 - ☒ 3. Fox : Vixen
 - ☐ 4. Dog : Puppy

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 1
 - ☒ 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?

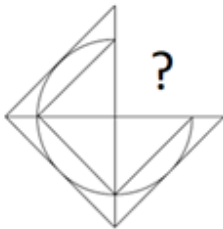
$$28 \text{ B } 72 \text{ F } 6 \text{ D } 8 \text{ C } 4 = ?$$

- 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. Ithihas 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