

Combined Higher Secondary Level Examination 2023 Tier II

Exam Date	02/11/2023
Exam Time	9:00 AM - 12:00 PM
Subject	CHSL 2023 Tier II

Section : Mathematical Abilities

Q.1 Calculate the mode from the following data.

Days of confinement	6	7	8	9	10
Number of patients	4	6	7	5	3

- Ans
- ☐ 1. 7
 - ☐ 2. 5
 - ☐ 3. 6
 - ☒ 4. 8

Q.2 The population of the city was 1,75,000 two years ago. If it had increased by 4% and 5% in the last two years, find the present population of the city.

- Ans
- ☐ 1. 1,89,200
 - ☐ 2. 1,92,100
 - ☐ 3. 1,93,200
 - ☒ 4. 1,91,100

Q.3 A number is increased by 25% and then decreased by 16%, the final value of the number:

- Ans
- ☐ 1. decreases by 13%
 - ☒ 2. increases by 5%
 - ☐ 3. does not change
 - ☐ 4. decreases by 5%

Q.4 The cost of 4 chairs and 3 tables is ₹2,100 and the cost of 5 chairs and 2 tables is ₹1,750. Find the cost (in ₹) of a chair.

- Ans
- ☒ 1. 150
 - ☐ 2. 130
 - ☐ 3. 140
 - ☐ 4. 125

Q.5 At a Yoga center, 60% of the members are men and 40% of the members are women. If the average age of the men is 55 years and the average age of the women is 45 years, then what is the average age (in years) of all the members?

- Ans
- ☒ 1. 51
 - ☐ 2. 48
 - ☐ 3. 50
 - ☐ 4. 49

Q.6 If $\cot^4 A + \cot^2 A = 1$, then find the value of $\cos^4 A - 3\cos^2 A$.

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

Q.7

If $x = \left(\frac{3}{2}\right)^2 \times \left(\frac{2}{3}\right)^{-4}$, find the value of x^{-2} .

Ans

☐ 1. $\left(\frac{3}{2}\right)^6$

☐ 2. $\left(\frac{3}{2}\right)^{12}$

☒ 3. $\left(\frac{2}{3}\right)^{12}$

☐ 4. $\left(\frac{2}{3}\right)^6$

Q.8

A sum of money is divided among A, B, and C in the ratio 4 : 3 : 6. If the share of C is ₹600 more than B, then how much amount will A get more than B?

Ans

☒ 1. ₹200

☐ 2. ₹150

☐ 3. ₹250

☐ 4. ₹100

Q.9

If A and B are events with $P(A) = \frac{3}{8}$, $P(B) = \frac{1}{2}$ and $P(A \cap B) = \frac{1}{4}$. Find $P(\bar{A} \cap \bar{B})$.

Ans

☐ 1. $\frac{1}{8}$

☒ 2. $\frac{3}{8}$

☐ 3. $\frac{5}{8}$

☐ 4. $\frac{7}{8}$

Q.10 If $(a - 2b) = 8$ and $2ab = 9$, then find the value of $(a + 2b)$.

Ans

☐ 1. 12

☐ 2. 6

☒ 3. 10

☐ 4. 8

Q.11 The average weight of 40 students of a school is 52 kg. If the weight of the teacher is included, the average weight rises by 500 grams. Find the weight (in kg) of the teacher.

Ans

☒ 1. 72.5

☐ 2. 74.5

☐ 3. 73.5

☐ 4. 71.5

Q.12 The diameter of a sphere is increased by 30%. What is the percentage increase in its volume?

Ans

☐ 1. 69%

☒ 2. 119.7%

☐ 3. 41.7%

☐ 4. 90.5%

Q.13 The diameter of a hemispherical bowl is 21 cm. The volume of the bowl is equal to: (use $\pi = \frac{22}{7}$)

- Ans
- ☐ 1. 2,624.5 cm³
 - ☒ 2. 2,425.5 cm³
 - ☐ 3. 2,725.5 cm³
 - ☐ 4. 2,524.5 cm³

Q.14 A person covers $\frac{1}{4}$ of his journey at the speed of 25 km/h, $\frac{1}{2}$ of the journey at 40 km/h and the remaining at the speed of 50 km/h. Find his average speed per hour for the whole journey (in km/h).

- Ans
- ☐ 1. $34\frac{6}{11}$
 - ☒ 2. $36\frac{4}{11}$
 - ☐ 3. $36\frac{6}{11}$
 - ☐ 4. $34\frac{4}{11}$

Q.15 The concentration of three wines A, B and C are 10%, 20% and 30%, respectively. They are mixed in the ratio 2 : 3 : x resulting in a 23% concentration solution. Find the value of x.

- Ans
- ☐ 1. 7
 - ☐ 2. 6
 - ☐ 3. 8
 - ☒ 4. 5

Q.16 A and B each have a certain number of oranges. A says to B, "If you give me 10 of your oranges, I will have twice the number of oranges left with you." B replies, "If you give me 10 of your oranges, I will have the same number of oranges left with you." Find the number of oranges that A has.

- Ans
- ☐ 1. 65
 - ☐ 2. 50
 - ☐ 3. 55
 - ☒ 4. 70

Q.17 If $\sqrt[3]{0.08 \times 0.8 \times p} = 0.008 \times 0.8 \times \sqrt[3]{q}$, then find the value of $\frac{p}{q}$:

- Ans
- ☐ 1. $8^3 \times 10^{-8}$
 - ☐ 2. $8^3 \times 10^{-9}$
 - ☒ 3. $8^4 \times 10^{-9}$
 - ☐ 4. $8^4 \times 10^{-8}$

Q.18 A pole stands vertically on the ground with the help of a 12-metre steel wire tied to its top and affixed on the ground. If the steel wire makes an angle of 30° with the horizontal ground, then the height of the pole is equal to:

- Ans**
- ☐ 1. 8 meters
 - ☐ 2. $6\sqrt{3}$ meters
 - ☐ 3. $8\sqrt{3}$ meters
 - ☒ 4. 6 meters

Q.19 Which of the following statements is NOT true?

- Ans**
- ☐ 1. If the sides of a triangle are in the ratio 13 : 5 : 12, then two of its angles are acute angles.
 - ☐ 2. The triangle formed by connecting the midpoints of the sides of a triangle has one-fourth area of the bigger triangle.
 - ☐ 3. The area of the triangle with the largest side l always has an area less than $\frac{l^2}{2}$.
 - ☒ 4. The area of an isosceles triangle with sides $2a, 2a$ and $3a$ is $\frac{3\sqrt{3}a^2}{2}$.

Q.20 A dishonest shopkeeper sells rice at a cost price but makes a 25% profit by using faulty weights. He decides to give a discount to attract more customers. What per cent of discount should he offer to make 10% profit?

- Ans**
- ☐ 1. 11%
 - ☒ 2. 12%
 - ☐ 3. 10%
 - ☐ 4. 9%

Q.21 For an electric bill for ₹50,000, what is the difference between a discount of 30% and two successive discounts of 26% and 5%?

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

Q.22 A person borrowed some money on simple interest. After 3 years, he returned $\frac{4}{3}$ of the money to the lender. What was the rate of interest?

- Ans**
- ☐ 1. $11\frac{2}{9}$ % p. a
 - ☐ 2. $11\frac{3}{9}$ % p. a
 - ☐ 3. $11\frac{4}{9}$ % p. a
 - ☒ 4. $11\frac{1}{9}$ % p. a

Q.23 A shopkeeper sold his goods at half the list price and thus lost 17%. If he had sold on the listed price, then his gain percentage would be:

- Ans**
- ☐ 1. 17%
 - ☐ 2. 41%
 - ☐ 3. 83%
 - ☒ 4. 66%

Q.24 In an election between two candidates, 64% of the voters cast their votes, out of which 4% of the votes were declared invalid. A candidate got 12,288 votes which were 64% of the total valid votes. Find the total number of votes enrolled in that election.

- Ans**
- ☐ 1. 30,250
 - ☐ 2. 32,152
 - ☒ 3. 31,250
 - ☐ 4. 20,152

Q.25 Let ABC and PQR be two congruent triangles, such that $\angle A = \angle P = 90^\circ$. If BC = 29 cm, PR = 21 cm, find the value (in cm) of AB.

- Ans**
- ☐ 1. 23
 - ☐ 2. 19
 - ☒ 3. 20
 - ☐ 4. 22

Q.26 A and B can complete work in 9 days, while B and C can complete the same work in 18 days. When working together A, B and C, can finish the same work in 8 days. How many days will it take for A and C to complete the work together?

- Ans**
- ☐ 1. 11
 - ☐ 2. 13
 - ☒ 3. 12
 - ☐ 4. 14

Q.27 Find the mode of the given data.

21, 15, 16, 48, 6, 15, 44, 16, 6, 5, 15, 16, 21, 6, 15 and 43

- Ans**
- ☐ 1. 16
 - ☐ 2. 21
 - ☐ 3. 6
 - ☒ 4. 15

Q.28 A and B enter into a partnership with ₹25,000 and ₹50,000, respectively, in a company for a year. After 7 months, C gets into a partnership with them with ₹30,000 and A withdraws his contribution after 9 months. What would be C's share in the profit, assuming a total profit of ₹3,900 at the end of the year?

- Ans**
- ☒ 1. ₹600
 - ☐ 2. ₹800
 - ☐ 3. ₹1,200
 - ☐ 4. ₹1,000

Q.29 In $\triangle ABC$, $\angle A = 85^\circ$ and $\angle C = 58^\circ$. If $\triangle PQR$ is similar to $\triangle ABC$, and in correspondence, then find $\angle Q$.

- Ans**
- ☒ 1. 37°
 - ☐ 2. 85°
 - ☐ 3. 58°
 - ☐ 4. 73°

Q.30 The radius and height of a right circular cone is increased by 25%. Find the increase in percentage of the volume of the cone (rounded off to 2 decimal places).

Ans ☒ 1. 94.31%

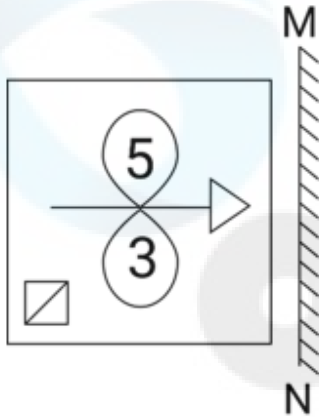
☒ 2. 95.31%

☒ 3. 94.51%

☒ 4. 93.51%

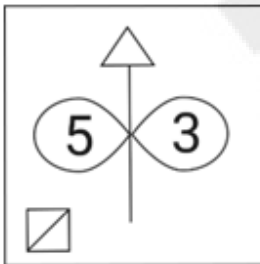
Section : Reasoning and General Intelligence

Q.1 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

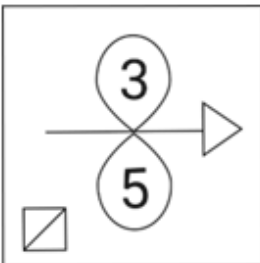


Ans

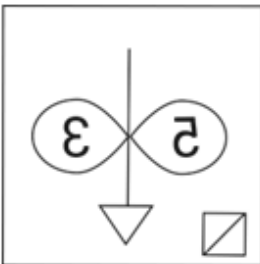
☒ 1.



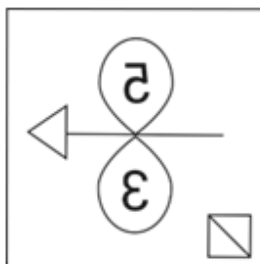
☒ 2.



☒ 3.



☒ 4.



Q.2 How many meaningful English words can be formed using second, third, sixth and seventh letters of the word 'CRACKER' (when counted from left to right) using each letter only once in each word ?

- Ans**
- ✓ 1. Two
 - ✗ 2. One
 - ✗ 3. Zero
 - ✗ 4. Three

Q.3 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, 12, 8)
(2, 7, 5)

- Ans**
- ✓ 1. 1, 4, 3
 - ✗ 2. 9, 4, 7
 - ✗ 3. 3, 6, 5
 - ✗ 4. 7, 2, 1

Q.4 Identify the figure given in the options, which when put in place of '?' will logically complete the series.

A	△	P	Λ	A	△	F	Λ	A	↑	F	Λ	
Λ		∩	F		P	↑		△	M		A	
F	↑	M	↑	M	∩	M	∩	P	∩	P	△	?

Ans

✗ 1.

F	Λ	A
↑		△
M	∩	P

✗ 2.

W	↑	E
∩		Λ
b	△	V

✓ 3.

M	↑	F
∩		Λ
P	△	A

✗ 4.

∩	W	↑
b		E
△	V	Λ

Q.5 In a certain code language, 'TALKER' is coded as '!@#©\$%' and 'TALKED' is coded as '\$%@#!£'. What is the code for 'D' in that code language?

- Ans**
- ☒ 1. %
 - ☒ 2. ©
 - ☒ 3. !
 - ☒ 4. £

Q.6 Select the word-pair that best represents a similar relationship to the one expressed in the pairs 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.)

Docile : Defiant, Placid : Turbulent

- Ans**
- ☒ 1. Optimal : Ideal
 - ☒ 2. Scrumptious : Delicious
 - ☒ 3. Zenith : Nadir
 - ☒ 4. Relinquish : Surrender

Q.7 The first figure is related to the second figure in a certain way. Study the pattern and select the figure which should be placed in place of the question mark (?) such that the third figure is related to the fourth figure in the same way.



Ans

- ☒ 1.
- ☒ 2.
- ☒ 3.
- ☒ 4.

Q.8 Select the set in which the numbers are related in the same way as are the numbers of the following sets.

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

(3, 5, 18)

(2, 3, 15)

Ans ☒ 1. 1, 5, 11

☒ 2. 5, 6, 11

☒ 3. 1, 2, 13

☒ 4. 5, 2, 10

Q.9 A statement is followed by two conclusions, numbered I and II. Find out which of the following conclusion(s) is/are true based on the given statements.

Statement: $Z < Y = J \geq G \geq P \geq C \geq R$

Conclusions:

I. $Z \geq R$

II. $J = C$

Ans ☒ 1. Neither conclusion I nor II is true

☒ 2. Both conclusions I and II are true

☒ 3. Only conclusion I is true

☒ 4. Only conclusion II is true

Q.10 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

CDG_ IJ_Z O_SZ_VYZ_BEZ

Ans ☒ 1. ZMPUA

☒ 2. OJGFU

☒ 3. FUGUI

☒ 4. FJONI

Q.11 Three of the following four word pairs are alike and thus form a group. Select the word pair that does NOT belong to that group.

Ans ☒ 1. Restaurant - chefs

☒ 2. Theatre - movies

☒ 3. Hospital - doctors

☒ 4. School - teachers

Q.12 In this question, a statement is followed by two inferences numbered I and II. Based on the statement, you have to decide which of the inferences can be derived from the statement. (An inference is something which is not directly stated but can be derived from the given facts/information in the statement)

Statement: The eligibility for admission to the course is a minimum of 80% marks in the 10th standard board exams.

However, students who have appeared for the 10th standard board exams this year can also apply.

Inference:

I. No 11th standard students can apply for the course.

II. Students who have appeared for 10th standard exams will get admission only if they score 80% or more in their exam.

Ans ☒ 1. Neither (I) nor (II) can be inferred.

☒ 2. Only (II) can be inferred.

☒ 3. Both (I) and (II) can be inferred.

☒ 4. Only (I) can be inferred.

Q.13 This question has three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion(s) logically follow(s) from the given statements.

Statements:

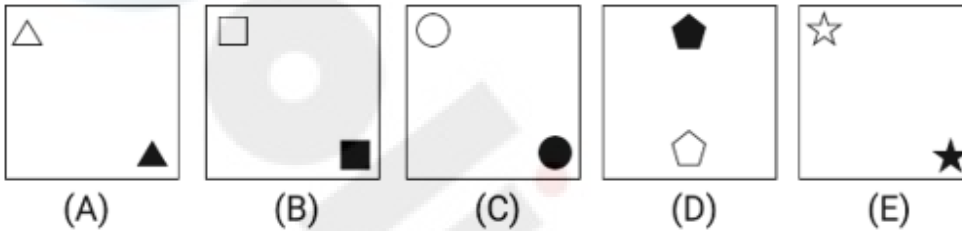
- Some J's are A's.
- Some A's are B's.
- All the B's are C's.

Conclusions:

- I. Some C's are A's.
- II. Some B's are J's.

- 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.14 Four of the following five figures are alike in a certain way and thus form a group. Select the one that does NOT belong to that group.



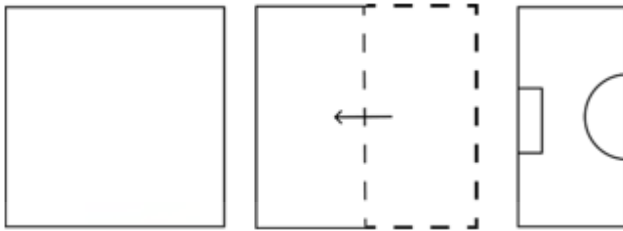
- Ans**
- ☒ 1. D
 - ☒ 2. A
 - ☒ 3. B
 - ☒ 4. C

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

16, 21, ?, 43, 60, 81, 106

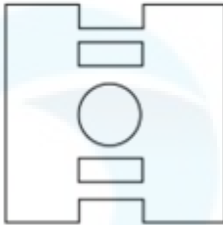
- Ans**
- ☒ 1. 30
 - ☒ 2. 31
 - ☒ 3. 32
 - ☒ 4. 33

Q.16 A square sheet of paper is folded along the dotted line successively along the directions shown and is then punched in the last. How would the paper look when unfolded?



Ans

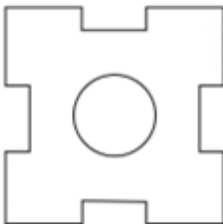
☒ 1.



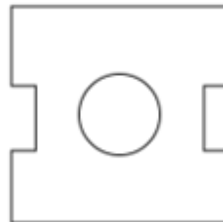
☒ 2.



☒ 3.



☒ 4.



Q.17 A certain number of people are sitting in a row, facing north. Only two people sit between K and L. L sits third to the right of M. Only three people sit between I and J. I sits to the immediate right of K. If no other person is sitting in the row, how many people are there in total?

Ans

☒ 1. Twelve

☒ 2. Nine

☒ 3. Ten

☒ 4. Eight

Q.18 A statement is followed by two conclusions, numbered I and II. Find out which of the following conclusion(s) is/are true based on the given statements.

Statement: $G < H > K \leq S \geq L = M < Q$

Conclusions:

I. $G > L$

II. $H = Q$

Ans

☒ 1. Only conclusion I is true

☒ 2. Only conclusion II is true

☒ 3. Neither conclusion I nor II is true

☒ 4. Both conclusions I and II are true

Q.19	Read the following information and answer the question that follows. Suresh has started practicing critical reasoning after hearing about Ramesh's incredible result in the competitive exam. Which of the following can be inferred from the given statement? (An inference is something which is not directly stated but can be derived from the given facts/information in the statement) I) Ramesh has scored most of the marks in critical reasoning. II) Most of the questions in the exam constitute of critical reasoning questions. Ans ☐ 1. Neither (I) nor (II) can be inferred ☐ 2. Only (II) can be inferred ☒ 3. Both (I) and (II) can be inferred ☐ 4. Only (I) can be inferred
Q.20	How many meaningful four-letter English words can be formed using T, U, K and S using each letter only once in each word? Ans ☒ 1. One ☐ 2. None ☐ 3. More than two ☐ 4. Two
Q.21	Sunita is ranked 10th from the top and 18th from the bottom in her class. How many students are there in the class? Ans ☐ 1. 30 ☐ 2. 28 ☐ 3. 29 ☒ 4. 27
Q.22	Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group? (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 1and 3 is not allowed) Ans ☒ 1. 33-97 ☐ 2. 25-75 ☐ 3. 38-114 ☐ 4. 41-123
Q.23	In a certain code language, 'FAWN' is coded as '09()' and 'LAWN' is coded as '9()1'.What is the code for 'L' in that code language? Ans ☐ 1.) ☐ 2. (☒ 3. 1 ☐ 4. 0
Q.24	What will come in place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged? $292 \div 2 - 15 + 164 \times 4 = ?$ Ans ☐ 1. 557 ☐ 2. 556 ☐ 3. 555 ☒ 4. 558

Q.25 Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?

(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 1and 3 is not allowed)

- Ans**
- ☒ 1. 13, 52
 - ☒ 2. 25, 100
 - ☒ 3. 41, 164
 - ☒ 4. 33, 152

Q.26 What should come in place of ‘?’ in the given series?

154, 159, 169, 184, ?, 229, 259

- Ans**
- ☒ 1. 204
 - ☒ 2. 201
 - ☒ 3. 202
 - ☒ 4. 203

Q.27 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

FMD_ B_ZA _MVW TM_S PMN_

- Ans**
- ☒ 1. EMXRO
 - ☒ 2. VJJFO
 - ☒ 3. ENKGF
 - ☒ 4. VHUYI

Q.28 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

TRY_ US_U V_YU _UYU X VY_

- Ans**
- ☒ 1. FUUTH
 - ☒ 2. UFYDJ
 - ☒ 3. UCRSD
 - ☒ 4. UYTWU

Q.29 What will come in place of ‘?’ in the following equation, if ‘+’ and ‘–’ are interchanged and ‘x’ and ‘÷’ are interchanged?

$313 \div 4 - 2107 \times 7 + 24 = ?$

- Ans**
- ☒ 1. 1529
 - ☒ 2. 1537
 - ☒ 3. 1525
 - ☒ 4. 1527

Q.30 How many meaningful English words can be formed using B, E, O and R using each letter only once in each word?

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

Q.1 Select the option that can be used as a one-word substitute for the given group of words.

The inability to obtain adequate sleep

- Ans**
- ☐ 1. Mythomania
 - ☐ 2. Andromania
 - ☒ 3. Insomnia
 - ☐ 4. Pyromania

Q.2 Select the option that can be used as a one-word substitute for the given group of words/phrase.

A phrase or words written in memory of a person who has died

- Ans**
- ☒ 1. Epitaph
 - ☐ 2. Epigram
 - ☐ 3. Tombstone
 - ☐ 4. Calligraphy

Q.3 Select the most appropriate idiom that best explains the given sentence.
I was unable to solve the geometry question myself. So, I have asked my teacher to help me out.

- Ans**
- ☐ 1. You can't always get what you want.
 - ☒ 2. Two heads are better than one.
 - ☐ 3. When the going gets tough, the tough gets going.
 - ☐ 4. Two wrongs don't make a right.

Q.4 Select the sentence that has the correct use of words and spellings.

- Ans**
- ☐ 1. The novel, with its intrcate plot and multifaceted characters, captivated readers and left them pondering its deeper themes long after they finished reading.
 - ☒ 2. The novel, with its intricate plot and multifaceted characters, captivated readers and left them pondering its deeper themes long after they finished reading.
 - ☐ 3. The novel, with its intricate plot and multifacted characters, captivated readers and left them paundering its deeper themes long after they finished reading.
 - ☐ 4. The novel, with its intricete plot and multifacted characters, captivated readers and left them pondering its deeper themes long after they finished reading.

Q.5 Select the option that expresses the given sentence in passive voice.
He is eating an apple.

- Ans**
- ☐ 1. An apple was eaten by him.
 - ☐ 2. He was eating an apple.
 - ☒ 3. An apple is being eaten by him.
 - ☐ 4. He has been eating an apple.

Q.6 Select the sentence that gives the most appropriate meaning of the idiom 'In hot water'.

- Ans**
- ☐ 1. The chef added spices to the dish to enhance its flavour and make it more delicious.
 - ☐ 2. The children enjoyed playing in the pool on a hot summer day.
 - ☒ 3. After accidentally breaking the valuable vase, Sarah found herself in trouble with her parents.
 - ☐ 4. The company faced challenges due to the economic downturn but managed to overcome them.

Q.7 Choose the appropriate option to make the following sentence grammatically correct.
Neither of the biscuits you gave me _____ chocolate chips.

- Ans**
- ☐ 1. contain
 - ☐ 2. are contained
 - ☐ 3. is contain
 - ☒ 4. contains

Q.8 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.'
I decided to call out to various bookstores in the area to see if any of them had the book I needed.

- Ans**
- ☒ 1. call on
 - ☒ 2. No substitution required
 - ☒ 3. call around
 - ☒ 4. call off

Q.9 The following sentence has been split into four segments. Identify the segment that contains an error.

The committee requested / the Chief Investigator / to personally / look after the matter.

- Ans**
- ☒ 1. look after the matter
 - ☒ 2. the Chief Investigator
 - ☒ 3. The committee requested
 - ☒ 4. to personally

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

- Ans**
- ☒ 1. Modest
 - ☒ 2. Keen
 - ☒ 3. Beautiful
 - ☒ 4. Amusing

Q.11 Select the option that expresses the given sentence in reported speech.
The captain said to the soldiers, "Follow the enemy."

- Ans**
- ☒ 1. The captain commanded his soldiers to follow the enemy.
 - ☒ 2. The captain requested his soldiers to follow the enemy.
 - ☒ 3. The captain charged his soldiers to followed the enemy.
 - ☒ 4. The captain said his soldiers to follow the enemy.

Q.12 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
Sincere students / like you and he should study / regularly to pass the examination.

- Ans**
- ☒ 1. Sincere students
 - ☒ 2. regularly to pass the examination.
 - ☒ 3. No error
 - ☒ 4. like you and he should study

Q.13 Select the option that expresses the given sentence in passive voice.

The team won the tournament after weeks of hard work and commitment.

- Ans**
- ☒ 1. The tournament was winning by the team after weeks of hard work and commitment.
 - ☒ 2. The tournament was won by the team after weeks of hard work and commitment.
 - ☒ 3. The tournament had been won by the team after weeks of hard work and commitment.
 - ☒ 4. The tournament was being won by the team after weeks of hard work and commitment.

Q.14 Select the correct spelling from the given options to fill in the blank.
He was _____ going abroad for his further studies.

- Ans**
- ☒ 1. contemplaing
 - ☒ 2. cuntemplating
 - ☒ 3. contemplating
 - ☒ 4. cuntempltaing

- Q.15** There is an error in the given sentence. From the options given, identify the sentence that corrects the error to make it a grammatically accurate sentence.
This lesser known heritage building is so beautiful as the Red Fort.
- Ans** ☒ 1. This less known heritage building is much beautiful than the Red Fort.
☒ 2. This heritage building is as beautiful as the Red Fort.
☒ 3. This lesser known heritage building is very much beautiful as the Red Fort.
☒ 4. This lesser known heritage building is as much beautiful as the Red Fort.
-
- Q.16** Parts of the given sentence have been underlined. One of the parts may contain an error. Select the option that rectifies the error. If you don't find any error, mark 'No error' as your answer.
It was the home minister of the country who took the decision to change a laws pertaining to migration of people from one state to another.
- Ans** ☒ 1. No error
☒ 2. an home minister
☒ 3. the migration
☒ 4. the laws pertaining
-
- Q.17** Parts of the given sentence have been underlined. One of the parts may contain an error. Select the option that rectifies the error. If you don't find any error, mark 'No error' as your answer.
Those players who chose not to play in the league were banned from playing in an World Cup.
- Ans** ☒ 1. play in a league
☒ 2. No error
☒ 3. play in league
☒ 4. the World Cup
-
- Q.18** Select the most appropriate homonym to fill in the blanks of the given sentences.
A. I use a _____ to weigh my ingredients while cooking.
B. The mountaineer is going to _____ the rocky hills.
- Ans** ☒ 1. horn
☒ 2. crawl
☒ 3. scale
☒ 4. climb
-
- Q.19** Select the INCORRECTLY spelt word.
- Ans** ☒ 1. Superindednt
☒ 2. Susceptibility
☒ 3. Extemporise
☒ 4. Inconspicuous
-
- Q.20** Select the most appropriate ANTONYM of the given word.
Sharp
- Ans** ☒ 1. Handy
☒ 2. Magnetic
☒ 3. Kindled
☒ 4. Blunt
-
- Q.21** Select the option that expresses the given sentence in indirect speech.
Rakesh said, "Wow! What a beautiful house".
- Ans** ☒ 1. Rakesh exclaimed with surprise that it was must be beautiful house.
☒ 2. Rakesh told that it had been a beautiful house.
☒ 3. Rakesh exclaimed that it was a beautiful house.
☒ 4. Rakesh exclaimed with sorrow that it was a beautiful house.

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

Stanley _____ to play the violin now, with an amateur instructor.

- Ans**
- ☒ 1. is learning
 - ☐ 2. had learnt
 - ☐ 3. was learning
 - ☐ 4. will learn

Q.23 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 film received critical acclaim for being a more innovative movie of the year.

- Ans**
- ☐ 1. Film receives
 - ☐ 2. Acclaim at
 - ☐ 3. In the year.
 - ☒ 4. An innovative

Q.24 Select the option that can be used as a one-word substitute for the given phrase.
One who believes in fate

- Ans**
- ☒ 1. Fatalist
 - ☐ 2. Superstitious
 - ☐ 3. Flirt
 - ☐ 4. Fatal

Q.25 Select the most appropriate idiom that best explains the given sentence.
Rajat irritated the street dog so much that it was about to bite him.

- Ans**
- ☐ 1. If you can't beat 'em, join 'em.
 - ☐ 2. If it ain't broke, don't fix it.
 - ☐ 3. If you want something done right, you have to do it yourself.
 - ☒ 4. If you play with fire, you'll get burned.

Q.26 Select the most appropriate tense form to fill in the blank.
Mohnish and Ravi _____ to Canada next month.

- Ans**
- ☒ 1. are moving
 - ☐ 2. is moving
 - ☐ 3. has moving
 - ☐ 4. has move

Q.27 Select the option that will improve the given sentence by using the most appropriate pronoun.
Pradeep, whom is a teacher, also works as a content writer.

- Ans**
- ☐ 1. Pradeep, that is a teacher, also works as a content writer.
 - ☒ 2. Pradeep, who is a teacher, also works as a content writer.
 - ☐ 3. Pradeep, whose is a teacher, also works as a content writer.
 - ☐ 4. Pradeep, which is a teacher, also works as a content writer.

Q.28 Select the option that expresses the given sentence in passive voice.

The rescue team could have completed the task if there had been uninterrupted power supply.

- Ans**
- ☐ 1. The task can have completed by the rescue team if there was uninterrupted power supply.
 - ☒ 2. The task could have been completed by the rescue team if there had been uninterrupted power supply.
 - ☐ 3. The task could be completed by the rescue team if there was uninterrupted power supply.
 - ☐ 4. The task could have to be completed by the rescue team if there was uninterrupted power supply.

Comprehension:

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

Girls have been the 1. _____ of many crimes in India for years. The most fearful crime was female foeticide, in which girls were killed in the 2. _____ of the mother after sex determination through ultrasound. 'Save the Girl Child' 3. _____ has been launched by the government to end gender-selective abortions of female foetuses as well as other crimes 4. _____ the girl child.

SubQuestion No : 29

Q.29 Select the most appropriate option to fill in blank number 1.

- Ans**
- ☒ 1. scapegoats
 - ☒ 2. victors
 - ☒ 3. victims
 - ☒ 4. sites

Comprehension:

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

Girls have been the 1. _____ of many crimes in India for years. The most fearful crime was female foeticide, in which girls were killed in the 2. _____ of the mother after sex determination through ultrasound. 'Save the Girl Child' 3. _____ has been launched by the government to end gender-selective abortions of female foetuses as well as other crimes 4. _____ the girl child.

SubQuestion No : 30

Q.30 Select the most appropriate option to fill in blank number 2.

- Ans**
- ☒ 1. kidney
 - ☒ 2. womb
 - ☒ 3. intestine
 - ☒ 4. liver

Comprehension:

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

Girls have been the 1. _____ of many crimes in India for years. The most fearful crime was female foeticide, in which girls were killed in the 2. _____ of the mother after sex determination through ultrasound. 'Save the Girl Child' 3. _____ has been launched by the government to end gender-selective abortions of female foetuses as well as other crimes 4. _____ the girl child.

SubQuestion No : 31

Q.31 Select the most appropriate option to fill in blank number 3.

- Ans**
- ☒ 1. campfire
 - ☒ 2. campaign
 - ☒ 3. undertaking
 - ☒ 4. enterprise

Comprehension:

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

Girls have been the 1. _____ of many crimes in India for years. The most fearful crime was female foeticide, in which girls were killed in the 2. _____ of the mother after sex determination through ultrasound. 'Save the Girl Child' 3. _____ has been launched by the government to end gender-selective abortions of female foetuses as well as other crimes 4. _____ the girl child.

SubQuestion No : 32

Q.32 Select the most appropriate option to fill in blank number 4.

- Ans**
- ☒ 1. for
 - ☒ 2. through
 - ☒ 3. across
 - ☒ 4. against

Comprehension:

Read the given passage and answer the questions that follow.

Taekwondo is a form of empty hand martial arts combat that requires the athlete to use all parts of the body in competition. Taekwondo is a self-defence discipline; the name is derived from the Korean words 'tae', meaning kick, 'kwon', a punch or other blow with the hand or fist, and 'do', which is a way or method of operation. Among the general public, taekwondo is distinguished from other martial arts by its high speed, sweeping kicks and emphatic punches. As with judo, taekwondo was developed as a sport that is also representative of a moral code, where principles of loyalty, faithfulness, respect, and the preservation of an indomitable spirit form a significant part of taekwondo training. Beginning in 1945, shortly after the end of World War II and Japanese Occupation, new martial arts schools called kwans opened in Seoul. These schools were established by Korean martial artists with backgrounds in Japanese and Chinese martial arts. At the time, indigenous disciplines (such as Taekkyeon) were being forgotten, due to years of decline and repression by the Japanese colonial government. The umbrella term traditional Taekwondo typically refers to the martial arts practiced by the kwans during the 1940s and 1950s, though in reality the term 'Taekwondo' had not yet been coined at that time, and indeed each kwan (school) was practicing its own unique style of the Korean art.

SubQuestion No : 33

Q.33 Which of the following is NOT a principle of Taekwondo?

- Ans**
- ☒ 1. Faithfulness
 - ☒ 2. Loyalty
 - ☒ 3. Disrespect
 - ☒ 4. Indomitable spirit

Comprehension:

Read the given passage and answer the questions that follow.

Taekwondo is a form of empty hand martial arts combat that requires the athlete to use all parts of the body in competition. Taekwondo is a self-defence discipline; the name is derived from the Korean words 'tae', meaning kick, 'kwon', a punch or other blow with the hand or fist, and 'do', which is a way or method of operation. Among the general public, taekwondo is distinguished from other martial arts by its high speed, sweeping kicks and emphatic punches. As with judo, taekwondo was developed as a sport that is also representative of a moral code, where principles of loyalty, faithfulness, respect, and the preservation of an indomitable spirit form a significant part of taekwondo training. Beginning in 1945, shortly after the end of World War II and Japanese Occupation, new martial arts schools called kwans opened in Seoul. These schools were established by Korean martial artists with backgrounds in Japanese and Chinese martial arts. At the time, indigenous disciplines (such as Taekkyeon) were being forgotten, due to years of decline and repression by the Japanese colonial government. The umbrella term traditional Taekwondo typically refers to the martial arts practiced by the kwans during the 1940s and 1950s, though in reality the term 'Taekwondo' had not yet been coined at that time, and indeed each kwan (school) was practicing its own unique style of the Korean art.

SubQuestion No : 34

Q.34 What is Taekwondo a form of?

- Ans**
- ☒ 1. Martial arts
 - ☒ 2. Visual arts
 - ☒ 3. Conceptual arts
 - ☒ 4. Performing arts

Comprehension:

Read the given passage and answer the questions that follow.

Taekwondo is a form of empty hand martial arts combat that requires the athlete to use all parts of the body in competition. Taekwondo is a self-defence discipline; the name is derived from the Korean words 'tae', meaning kick, 'kwon', a punch or other blow with the hand or fist, and 'do', which is a way or method of operation. Among the general public, taekwondo is distinguished from other martial arts by its high speed, sweeping kicks and emphatic punches. As with judo, taekwondo was developed as a sport that is also representative of a moral code, where principles of loyalty, faithfulness, respect, and the preservation of an indomitable spirit form a significant part of taekwondo training. Beginning in 1945, shortly after the end of World War II and Japanese Occupation, new martial arts schools called kwans opened in Seoul. These schools were established by Korean martial artists with backgrounds in Japanese and Chinese martial arts. At the time, indigenous disciplines (such as Taekkyeon) were being forgotten, due to years of decline and repression by the Japanese colonial government. The umbrella term traditional Taekwondo typically refers to the martial arts practiced by the kwans during the 1940s and 1950s, though in reality the term 'Taekwondo' had not yet been coined at that time, and indeed each kwan (school) was practicing its own unique style of the Korean art.

SubQuestion No : 35

Q.35 Select the most appropriate ANTONYM of the given word.
Indomitable

- Ans**
- ☒ 1. Strong
 - ☒ 2. Invincible
 - ☒ 3. Submissive
 - ☒ 4. Unstoppable

Comprehension:

Read the given passage and answer the questions that follow.

Taekwondo is a form of empty hand martial arts combat that requires the athlete to use all parts of the body in competition. Taekwondo is a self-defence discipline; the name is derived from the Korean words 'tae', meaning kick, 'kwon', a punch or other blow with the hand or fist, and 'do', which is a way or method of operation. Among the general public, taekwondo is distinguished from other martial arts by its high speed, sweeping kicks and emphatic punches. As with judo, taekwondo was developed as a sport that is also representative of a moral code, where principles of loyalty, faithfulness, respect, and the preservation of an indomitable spirit form a significant part of taekwondo training. Beginning in 1945, shortly after the end of World War II and Japanese Occupation, new martial arts schools called kwans opened in Seoul. These schools were established by Korean martial artists with backgrounds in Japanese and Chinese martial arts. At the time, indigenous disciplines (such as Taekkyeon) were being forgotten, due to years of decline and repression by the Japanese colonial government. The umbrella term traditional Taekwondo typically refers to the martial arts practiced by the kwans during the 1940s and 1950s, though in reality the term 'Taekwondo' had not yet been coined at that time, and indeed each kwan (school) was practicing its own unique style of the Korean art.

SubQuestion No : 36

Q.36 Select the most appropriate synonym of the given word.
Representative

- Ans**
- ☒ 1. Unusual
 - ☒ 2. Theoretical
 - ☒ 3. Typical
 - ☒ 4. Aberrant

Comprehension:

Read the given passage and answer the questions that follow.

Environmental or genetic influences antisocial conduct of a human being , which has an impact on behaviour, such as conduct disorder. In a recent study conducted, young people with conduct disorders had their brains examined, along with controls that were healthy and did not have the disease. The thickness of various regions of the cortex and the brain's outer layer was measured using the scanned images. It was demonstrated in the study that conduct disorder is a psychiatric condition rather than adolescent disobedience. Awareness, perception, attention, memory and language are all impacted by the cortex.

The findings of the study were unexpected. They demonstrated distinct disparities between adolescents whose behavioural issues began in adolescence and those whose issues began earlier in life. Although both groups were different from healthy controls, it was discovered that distinct regions of the cortex in the teenagers who had experienced early-onset behavioural issues were thicker in comparison to the healthy participants.

SubQuestion No : 37

Q.37 Select the most appropriate summary of the sentence given below.
It was demonstrated in the study that conduct disorder is a psychiatric condition rather than adolescent disobedience.

- Ans**
- ☒ 1. Conduct disorder is teen defiance and not a mental condition.
 - ☒ 2. Conduct disorder is a mental condition rather than teen defiance.
 - ☒ 3. Conduct disorder is neither a mental condition nor teen defiance.
 - ☒ 4. Conduct disorder is less of a mental condition and more of teen defiance.

Comprehension:

Read the given passage and answer the questions that follow.

Environmental or genetic influences antisocial conduct of a human being , which has an impact on behaviour, such as conduct disorder. In a recent study conducted, young people with conduct disorders had their brains examined, along with controls that were healthy and did not have the disease. The thickness of various regions of the cortex and the brain's outer layer was measured using the scanned images. It was demonstrated in the study that conduct disorder is a psychiatric condition rather than adolescent disobedience. Awareness, perception, attention, memory and language are all impacted by the cortex.

The findings of the study were unexpected. They demonstrated distinct disparities between adolescents whose behavioural issues began in adolescence and those whose issues began earlier in life. Although both groups were different from healthy controls, it was discovered that distinct regions of the cortex in the teenagers who had experienced early-onset behavioural issues were thicker in comparison to the healthy participants.

SubQuestion No : 38

Q.38 Which of the following was measured in scanned images?

- Ans**
- ☒ 1. Cortex disparities
 - ☒ 2. Behavioural issues
 - ☒ 3. Brain's outer layer
 - ☒ 4. Psychiatric condition

Comprehension:

Read the given passage and answer the questions that follow.

Environmental or genetic influences antisocial conduct of a human being, which has an impact on behaviour, such as conduct disorder. In a recent study conducted, young people with conduct disorders had their brains examined, along with controls that were healthy and did not have the disease. The thickness of various regions of the cortex and the brain's outer layer was measured using the scanned images. It was demonstrated in the study that conduct disorder is a psychiatric condition rather than adolescent disobedience. Awareness, perception, attention, memory and language are all impacted by the cortex. The findings of the study were unexpected. They demonstrated distinct disparities between adolescents whose behavioural issues began in adolescence and those whose issues began earlier in life. Although both groups were different from healthy controls, it was discovered that distinct regions of the cortex in the teenagers who had experienced early-onset behavioural issues were thicker in comparison to the healthy participants.

SubQuestion No : 39

Q.39 Which of the following is NOT impacted by the cortex?

- Ans**
- ☒ 1. Memory and attention
 - ☒ 2. Attention and disobedience
 - ☒ 3. Language and awareness
 - ☒ 4. Memory and perception

Comprehension:

Read the given passage and answer the questions that follow.

Environmental or genetic influences antisocial conduct of a human being, which has an impact on behaviour, such as conduct disorder. In a recent study conducted, young people with conduct disorders had their brains examined, along with controls that were healthy and did not have the disease. The thickness of various regions of the cortex and the brain's outer layer was measured using the scanned images. It was demonstrated in the study that conduct disorder is a psychiatric condition rather than adolescent disobedience. Awareness, perception, attention, memory and language are all impacted by the cortex. The findings of the study were unexpected. They demonstrated distinct disparities between adolescents whose behavioural issues began in adolescence and those whose issues began earlier in life. Although both groups were different from healthy controls, it was discovered that distinct regions of the cortex in the teenagers who had experienced early-onset behavioural issues were thicker in comparison to the healthy participants.

SubQuestion No : 40

Q.40 Based on your reading of the passage, select the most appropriate option that describes the conclusion of the study.

- Ans**
- ☒ 1. Distinct regions of the cortex were thicker in the teenagers having early-onset behavioural issues in comparison to the healthy participants.
 - ☒ 2. There were distinct regions in the cortex of healthy students in comparison to participants having early behavioural issues.
 - ☒ 3. There were no distinct regions in the cortex of participants having early behavioural issues in comparison to healthy students.
 - ☒ 4. There were participants having early behavioural issues in comparison to healthy students who had distinct regions in their cortex.

Section : General Awareness

Q.1 The Reserve Bank of India was established in:

- Ans**
- ☒ 1. 1930
 - ☒ 2. 1951
 - ☒ 3. 1948
 - ☒ 4. 1935

Q.2 Which of the following statements related to the launch of Platform of Platforms (POP) are correct?

- 1) The Union Minister of Agriculture and Farmers' Welfare launched the POP under the National Agriculture Market (e-NAM) in Karnataka in October 2022.
- 2) An equity grant of over ₹37 crore was released to 1,018 Farmer Producer Organizations (FPOs) that will benefit about 3.5 lakh farmers.
- 3) e-NAM integrates the platform of Service Providers as 'Platform of Platforms', which includes Composite Service Providers, Logistics Service Provider, Quality Assurance Service Provider, Cleaning, Grading, Sorting and Packaging Service Provider etc.
- 4) 41 service providers from different platforms are covered under POP, facilitating various value chain services such as trading, quality checks, warehousing, fintech, market information, transportation etc.

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

Q.3 Select the **INCORRECT** statement with regards to vitamins.

- Ans**
- ☒ 1. Plants can synthesise almost all vitamins.
 - ☒ 2. Vitamins are organic compounds.
 - ☒ 3. Some bacteria in the gut do not produce vitamins.
 - ☒ 4. Most of the vitamins cannot get synthesised in sufficient amount in our body.

Q.4 Mawsynram receives the highest average annual rainfall in the world because the Monsoon Winds of the Bay of Bengal strike the _____ hill.

- Ans**
- ☒ 1. Western Ghats
 - ☒ 2. Khasi
 - ☒ 3. Aravalli
 - ☒ 4. Chota Nagpur Plateau

Q.5 Which of the following statement(s) is/are correct about the servants of India society?

- A. The 'Servants of India Society' was founded by Gopal Krishna Gokhale at Fergusson hill on 12 June 1905 in Pune district of Maharashtra.
- B. The Society focused on nation- building activities such as education, social welfare , upliftment of the downtrodden and betterment of the under -privileged sections of society.

- Ans**
- ☒ 1. Only A
 - ☒ 2. Both A and B
 - ☒ 3. Only B
 - ☒ 4. Neither A nor B

Q.6 Match list I and list II.

List I

List II

- | | |
|---------------------|-----------------------|
| a) Potential energy | i) Solar thermal |
| b) Chemical energy | ii) Wind turbine |
| c) Kinetic energy | iii) Hydropower plant |
| d) Radiation energy | iv) Diesel generator |

- Ans**
- ☒ 1. (a)-(ii), (b)-(iv), (c)-(iii), (d)-(i)
 - ☒ 2. (a)-(iii), (b)-(ii), (c)-(iv), (d)-(i)
 - ☒ 3. (a)-(iii), (b)-(i), (c)-(ii), (d)-(iv)
 - ☒ 4. (a)-(iii), (b)-(iv), (c)-(ii), (d)-(i)

Q.7 Match the following states with their respective ranks at the Khelo India Youth Game 2023 and choose the correct code.

States Their Ranks

- a. Rajasthan (i) 1st
- b. Madhya Pradesh (ii) 2nd
- c. Haryana (iii) 4th
- d. Maharashtra (iv) 3rd

- Ans**
- ☒ 1. a - ii, b - iv, c - i, d - iii
 - ☒ 2. a - i, b - iii, c - ii, d - iv
 - ☒ 3. a - iv, b - ii, c - i, d - iii
 - ☒ 4. a - iii, b - iv, c - ii, d - i

Q.8 The season for torrential downpours, often accompanied by hail, associated with violent winds, and localized thunderstorms. In West Bengal, these kinds of storms are known as:

- Ans**
- ☒ 1. Mahawat
 - ☒ 2. Trade winds
 - ☒ 3. Kaal Baisakhi
 - ☒ 4. Loo

Q.9 Which of the following statements about GDP and Welfare are correct?

1) GDP of a country is a indicator of welfare of the people.

2) If GDP is rising, the welfare may not rise equally.

3) GDP and Welfare both are not related each other.

- Ans**
- ☒ 1. Only 1 and 3
 - ☒ 2. 1, 2 and 3
 - ☒ 3. Only 2 and 3
 - ☒ 4. Only 1 and 2

Q.10 Correctly match the following.

States

Bio-reserve

- | | |
|-------------------|--------------|
| 1. Assam | a. Pachmarhi |
| 2. Madhya Pradesh | b. Nokrek |
| 3. Odisha | c. Manas |
| 4. Meghalaya | d. Similipal |

- Ans**
- ☒ 1. 1-c, 2-a, 3-d, 4-b
 - ☒ 2. 1-b, 2-a, 3-d, 4-c
 - ☒ 3. 1-a, 2-b, 3-c, 4-d
 - ☒ 4. 1-b, 2-c, 3-a, 4-d

Q.11 Deficiency of iodine results in an insufficient amount of the _____ hormone.

- Ans**
- ☒ 1. thyroid
 - ☒ 2. thrombopoietin
 - ☒ 3. adrenaline
 - ☒ 4. melatonin

Q.12 The behaviour of lithium is similar to that of magnesium. This sort of similarity is commonly referred to as:

- Ans**
- ☒ 1. same Zeff
 - ☒ 2. inert pair effect
 - ☒ 3. isoelectronic species
 - ☒ 4. diagonal relationship

Q.13 The 'Pradhan Mantri Jan Arogya Yojana' ('PM-JAY') scheme of the government is associated with which of the following Directive Principles of State Policy?

- Ans**
- ☒ 1. Participation of workers in the management of industries
 - ☒ 2. Promotion of co-operative societies
 - ☒ 3. Equal justice and free legal aid
 - ☒ 4. Duty of State to raise the level of nutrition and the improvement of public health

Q.14 To check the presence of adulterated sugar solution in honey, a cotton wick dipped in the sample is ignited with a match stick. Adulteration is confirmed if:

- Ans**
- ☒ 1. it burns with a violet coloured flame
 - ☒ 2. it burns smoothly
 - ☒ 3. it burns with a green coloured flame
 - ☒ 4. it burns with a crackling sound

Q.15 Who holds the portfolio of Ministry of Home Affairs (as of July 2023)?

- Ans**
- ☒ 1. Raj Nath Singh
 - ☒ 2. Amit Shah
 - ☒ 3. Nitin Gadkari
 - ☒ 4. Nirmala Sitharaman

Q.16 In May 2023, _____ in Madhya Pradesh became the first city in India to adopt the localisation of the United Nations-mandated sustainable development goals (SDGs) in collaboration with the UN-Habitat.

- Ans**
- ☒ 1. Ratlam
 - ☒ 2. Indore
 - ☒ 3. Bhopal
 - ☒ 4. Ujjain

Q.17 Identify whether the following statements are correct or incorrect.

Statement 1: According to the Census of India-2011, among the Seven Sister States, Mizoram has the highest literacy rate.
Statement 2: According to the Census of India-2011, Bihar has the lowest literacy rate.

- Ans**
- ☒ 1. Only statement 1 is correct
 - ☒ 2. Both the statements are incorrect
 - ☒ 3. Both the statements are correct
 - ☒ 4. Only statement 2 is correct

Q.18 Match the sportspersons with the medals won by them in the respective events in the given categories at Commonwealth Games 2022 and choose the correct code.

Sportspersons

Medals Won

- a . Vinesh Phogat (i) Gold, Wrestling Women's Freestyle, 62 kg
- b . Bajrang Punia (ii) Gold, Wrestling Women's Freestyle, 53 kg
- c . Sakshi Malik (iii) Gold, Wrestling Men's Freestyle, 86 kg
- d . Deepak Punia (iv) Gold, Wrestling Men's Freestyle, 65 kg

- Ans**
- ☒ 1. a - iii , b - iv , c - ii , d - i
 - ☒ 2. a - iv , b - iii , c - i , d - ii
 - ☒ 3. a - ii , b - iv , c - i , d - iii
 - ☒ 4. a - i , b - iii , c - ii , d - iv

Q.19 Match List-I with List-II.

List-I (Governor General)

List-II (Period)

- | | |
|--------------------|--------------|
| A. Warren Hasting | 1. 1772-1785 |
| B. Lord Cornwallis | 2. 1786-1793 |
| C. Sir John Shore | 3. 1793-1798 |
| D. Lord Wellesley | 4. 1798-1805 |

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

Q.20 At standard temperature and pressure (STP), the value of temperature is:

- Ans**
- ✓ 1. 0°C
 - ✗ 2. 27°C
 - ✗ 3. 25.51°C
 - ✗ 4. 273.15°C

Section : Computer Knowledge Module

Q.1 The CPU interacts directly with the _____ memory to perform read or write operation.

- Ans**
- ✗ 1. register
 - ✓ 2. primary
 - ✗ 3. secondary
 - ✗ 4. cache

Q.2 In MS-Excel 365, the _____ between two columns is an indicator that we have hidden a column.

- Ans**
- ✗ 1. single arrow
 - ✗ 2. double arrow
 - ✗ 3. single line
 - ✓ 4. double line

Q.3 In MS-Excel 365, you can use _____ when you want to change a cell reference within a formula without changing the formula itself.

- Ans**
- ✓ 1. INDIRECT
 - ✗ 2. VLOOKUP
 - ✗ 3. TRANSPOSE
 - ✗ 4. MATCH

Q.4 In computer memory, _____ bus is used to transfer addresses between CPU and the main memory.

- Ans**
- ✗ 1. status
 - ✗ 2. control
 - ✗ 3. data
 - ✓ 4. address

Q.5 A _____ bit is an extra bit included with a binary message to make the total number of 1s either odd or even.

- Ans**
- ✗ 1. exclusive
 - ✓ 2. parity
 - ✗ 3. complementary
 - ✗ 4. checker

Q.6 In computer memory, the width of the _____ bus specifies the maximum possible memory supported by a system.

- Ans
- ☐ 1. control
 - ☐ 2. I/O
 - ☐ 3. data
 - ☒ 4. address

Q.7 Which of the following parts of given URL is a 'domain name'?

http://www.india.in/tallybook/tallybook.xyz

- Ans
- ☐ 1. http:
 - ☒ 2. www.india.in
 - ☐ 3. tallybook
 - ☐ 4. tallybook.xyz

Q.8 Which of the following types of firewall operates at the Network layer to examine incoming and outgoing packets?

- Ans
- ☒ 1. Packet filtering
 - ☐ 2. Application – level gateway
 - ☐ 3. Circuit – level gateway
 - ☐ 4. Network filtering

Q.9 In email, which of the following mode(s) is/are included in the Post Office Protocol (POP)?

I. Delete Mode

II. Keep Mode

- Ans
- ☐ 1. Only II
 - ☐ 2. Neither I nor II
 - ☐ 3. Only I
 - ☒ 4. Both I and II

Q.10 In Windows 11, to open File Explorer you press the _____ on the keyboard.

- Ans
- ☐ 1. Windows logo key + W
 - ☐ 2. Windows logo key + O
 - ☒ 3. Windows logo key + E
 - ☐ 4. Windows logo key + F

Q.11 Which of the following statements is/are correct for email?

I. A user can check the email header prior to downloading.

II. A user can partially download an email.

- Ans
- ☐ 1. Only II
 - ☐ 2. Only I
 - ☐ 3. Neither I nor II
 - ☒ 4. Both I and II

Q.12 In MS Office 365, the 'Table of Authorities' group can be found under which of the following tabs?

- Ans
- ☒ 1. References
 - ☐ 2. Review
 - ☐ 3. Mailings
 - ☐ 4. View

Q.13 In File Explorer of Windows 11, to reduce the space between files, select View > _____ view.

- Ans
- ☐ 1. Cloud
 - ☐ 2. Wide
 - ☒ 3. Compact
 - ☐ 4. Stretch

Q.14 Which of the following keyboard shortcuts is used to copy the selected item in Windows 11?

- Ans
- ☐ 1. Shift + Enter
 - ☐ 2. Shift + Insert
 - ☒ 3. Ctrl + Insert
 - ☐ 4. Ctrl + Enter

Q.15 A _____ is a computer program that can self-replicate and propagate over the network.

- Ans
- ☒ 1. worm
 - ☐ 2. trojan horse
 - ☐ 3. boot sector virus
 - ☐ 4. macro virus