

Combined Higher Secondary Level Examination 2023 Tier II

Exam Date	10/01/2024
Exam Time	9:00 AM - 12:00 PM
Subject	CHSL 2023 Tier II

Section : Mathematical Abilities

Q.1 Two pipes can fill a cistern separately in 36 minutes and 45 minutes, respectively. A waste pipe can drain off 40 litres per minute. If all the three pipes are opened, the cistern fills in one hour. The capacity (in litres of the cistern) is:

- Ans
- ☒ 1. 600
 - ☒ 2. 1200
 - ☒ 3. 300
 - ☒ 4. 400

Q.2 A hollow cube is made of paper to have a volume of 512 cubic units. How much paper in square units will be required to make the cube?

- Ans
- ☒ 1. 328
 - ☒ 2. 348
 - ☒ 3. 288
 - ☒ 4. 384

Q.3 Sohan sells sugar at the cost price but uses false weights thus gaining 28% profit. How many grams of sugar is he giving for 3.2 kg sugar?

- Ans
- ☒ 1. 1500
 - ☒ 2. 1900
 - ☒ 3. 2200
 - ☒ 4. 2500

Q.4 The difference between a discount of 27% and two successive discounts of 20% and 10% on a certain bill was ₹56. Find the amount of the bill.

- Ans
- ☒ 1. ₹1,866
 - ☒ 2. ₹5,500
 - ☒ 3. ₹5,600
 - ☒ 4. ₹1,120

Q.5 The simplified form of the expression $\frac{(x^2 - 9) \times (9x^2 - 1)}{(x - \frac{1}{3}) \times (1 - \frac{x}{3})} \times \frac{9}{(x + \frac{1}{3})(1 + \frac{x}{3})}$ is _____.

- Ans
- ☒ 1. -729
 - ☒ 2. -81
 - ☒ 3. 729
 - ☒ 4. 81

Q.6 The shadow of a tower standing on level ground is found to be 40 m longer when the Sun's altitude is 30° than when it was 45° . Find the height (in meters) of the tower.

- Ans**
- ☐ 1. $10(\sqrt{3} - 1)$
 - ☐ 2. $20(\sqrt{3} - 1)$
 - ☒ 3. $20(\sqrt{3} + 1)$
 - ☐ 4. $10(\sqrt{3} + 1)$

Q.7 The average salary of all 40 employees, including 35 non-teaching staff members, of a school is ₹4,000. If the average salary of the non-teaching staff members is ₹4,200, find the average salary of the remaining staff of the school.

- Ans**
- ☐ 1. ₹3,600
 - ☒ 2. ₹2,600
 - ☐ 3. ₹2,800
 - ☐ 4. ₹2,300

Q.8 In $\triangle XYZ$, if $XY = 5$ cm, $XZ = 7$ cm and Q is a point on YZ such that XQ bisects $\angle X$, then YQ : QZ is:

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

Q.9 If a transversal intersects two parallel lines, and the difference between two interior angles on the same side of the transversal is 40° , then find the smallest angle among the interior angles.

- Ans**
- ☒ 1. 70°
 - ☐ 2. 50°
 - ☐ 3. 40°
 - ☐ 4. 60°

Q.10 The ratio of the expenditure to the savings of Richa is 2 : 1. If her income and expenditure increase by 20% and 15%, respectively, then find the percentage increase in her savings.

- Ans**
- ☐ 1. 35%
 - ☒ 2. 30%
 - ☐ 3. 20%
 - ☐ 4. 25%

Q.11 A boat is moving 3 km against the current of the stream in 1 hour and moves 1 km in the direction of the current in 12 minutes. How long will it take the boat to go 6 km in stationary water?

- Ans**
- ☐ 1. 1 hour and 25 minutes
 - ☐ 2. 1 hour and 15 minutes
 - ☒ 3. 1 hour and 30 minutes
 - ☐ 4. 1 hour and 20 minutes

Q.12 The distribution of 100 workmen employed in a factory according to their monthly salary, showed an average salary of ₹4,500 per month. If the median salary is found to be ₹4,900, find the mode salary.

- Ans**
- ☐ 1. ₹5,600
 - ☐ 2. ₹5,500
 - ☒ 3. ₹5,700
 - ☐ 4. ₹5,800

Q.13 The average of the first eight multiples of 6 is:

- Ans**
- ☐ 1. 24
 - ☒ 2. 27
 - ☐ 3. 30
 - ☐ 4. 25

Q.14 Sudarsan and Abraham appear for an interview for two vacancies. The probability of Sudarsan's selection is $\frac{1}{3}$ and that of Abraham's selection is $\frac{1}{5}$. Find the probability that none of them be selected.

- Ans**
- ☒ 1. $\frac{8}{15}$
 - ☐ 2. $\frac{14}{15}$
 - ☐ 3. $\frac{1}{15}$
 - ☐ 4. $\frac{22}{15}$

Q.15 The age of the father 10 years ago was thrice the age of his son. Ten years hence, the father's age will be twice that of his son. What is the ratio of their present ages?

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

Q.16 The ratio of prices of Coffee and Tea is 3 : 4 and the ratio of their quantities consumed by a family is 4 : 7. Find the ratio of expenditures on Coffee and Tea.

- Ans**
- ☒ 1. 3 : 7
 - ☐ 2. 7 : 3
 - ☐ 3. 7 : 4
 - ☐ 4. 4 : 7

Q.17 The base of a right prism is an equilateral triangle with each side measuring 4 cm. If the lateral surface area is 120 cm^2 , find the volume (in cm^3) of the prism.

- Ans**
- ☐ 1. $30\sqrt{3}$
 - ☒ 2. $40\sqrt{3}$
 - ☐ 3. $10\sqrt{3}$
 - ☐ 4. $20\sqrt{3}$

Q.18 The runs scored by 11 players in the cricket match are as follows.
7, 16, 121, 51, 101, 81, 1, 16, 9, 11, 16
Calculate the median of the data.

- Ans**
- ☐ 1. 51
 - ☐ 2. 11
 - ☐ 3. 22
 - ☒ 4. 16

Q.19 In how many years will ₹2,500 invested at the rate of 16% p.a. simple interest, amount to ₹4,100?

Ans ☒ 1. 4

☐ 2. 3

☐ 3. 5

☐ 4. 6

Q.20 A right rectangular box's measurement are 1.6 m long, 90 cm wide, 60 cm in height. Soap cakes of measurement 6 cm × 5 cm × 40 mm are to be packed in the box, so that no space is left. How many cakes can be packed in the box?

Ans ☐ 1. 6000

☐ 2. 5600

☐ 3. 6500

☒ 4. 7200

Q.21 ₹7,786 is divided among A, B and C in such a manner that the ratio of the amount of A to that of B is 3 : 4 and the ratio of the amount of B to that of C is 12 : 13. The amount of money received by B is:

Ans ☐ 1. ₹7,138

☐ 2. ₹2,977

☒ 3. ₹2,748

☐ 4. ₹5,038

Q.22 A man observed the top of an electric pole at angles of elevation of 60° and 30° , respectively, from two different observation points P and Q. If the distance between P and Q is 10 m, find the height of the pole (in m).

Ans ☒ 1. $5\sqrt{3}$

☐ 2. 5

☐ 3. 15

☐ 4. $15\sqrt{3}$

Q.23 A sells a watch to B at a profit of 33% and B sells it to C at a loss of 20%. If C pays ₹532, then what was the cost price for A?

Ans ☒ 1. ₹500

☐ 2. ₹800

☐ 3. ₹400

☐ 4. ₹600

Q.24 The sum of the ages of a son and father is 52 years; after four years the age of the father will be four times that of the son. What is the present age (in years) of the son?

Ans ☐ 1. 10

☐ 2. 9

☒ 3. 8

☐ 4. 12

Q.25 Simplify :
 $\left(\sqrt[3]{\sqrt[3]{343}}\right)^3 \times \left(\sqrt[3]{\sqrt[3]{216}}\right)^3.$

Ans ☐ 1. 56

☒ 2. 42

☐ 3. $\sqrt[3]{42}$

☐ 4. 42^3

Q.26 The measures of two angles of a triangle are in the ratio 3 : 7. If the sum of these two measures is equal to the measure of the third angle, then find the smallest angle.

- Ans**
- ☒ 1. 27°
 - ☐ 2. 3°
 - ☐ 3. 9°
 - ☐ 4. 36°

Q.27

Find the value of $\sqrt{625} + \sqrt{\frac{625}{100}} + \sqrt{\frac{625}{10000}} + \sqrt{\frac{625}{1000000}}$.

- Ans**
- ☐ 1. 27.075
 - ☒ 2. 27.775
 - ☐ 3. 27.75
 - ☐ 4. 27.025

Q.28 In an election, a candidate who gets 90% votes is elected by a margin of 800 votes. What is the total number of votes polled?

Note: There are only two candidates contesting the election and assume all the votes were valid.

- Ans**
- ☐ 1. 1050
 - ☐ 2. 950
 - ☒ 3. 1000
 - ☐ 4. 900

Q.29 The compound interest of ₹6,000 in two years, if the rate of interest is 2.5% per annum for the first year and 2% per annum for the second year, will be:

- Ans**
- ☒ 1. ₹273
 - ☐ 2. ₹135
 - ☐ 3. ₹270
 - ☐ 4. ₹240

Q.30 Find the average of the prime numbers lying between 69 and 92.

- Ans**
- ☒ 1. 79
 - ☐ 2. 82
 - ☐ 3. 80
 - ☐ 4. 81

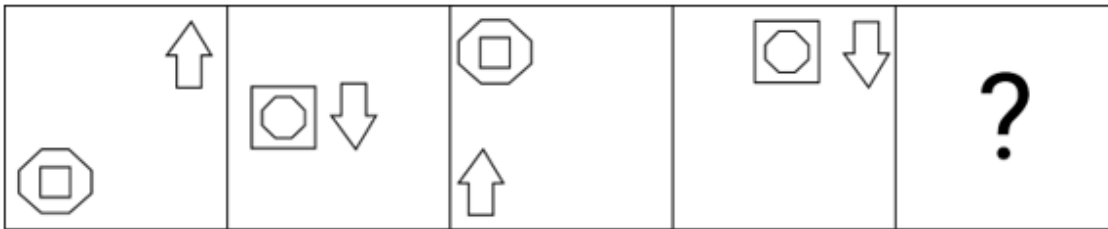
Section : Reasoning and General Intelligence

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

C _ EF HNE _ _ NEP RN _ U WNE _

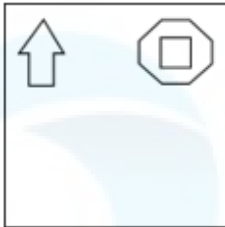
- Ans**
- ☐ 1. PAWER
 - ☐ 2. FHOSM
 - ☒ 3. NKMEZ
 - ☐ 4. CAHKL

Q.2 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series?

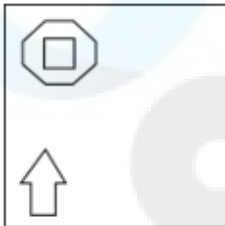


Ans

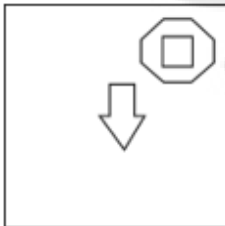
✗ 1.



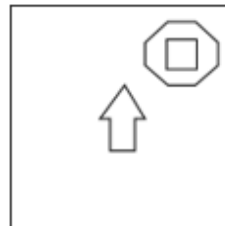
✗ 2.



✗ 3.



✓ 4.



Q.3 This question consists of a pair of words which have a certain relationship to each other. Select the pair from the options which has the same relationship as the ones given below:

Bewilder: Confuse, Harmony : Concord

✗ 1. Fierce: Gentle

✓ 2. Ponder: Contemplate

✗ 3. Docile: Defiant

✗ 4. Timid: Bold

Q.4 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: $P \leq L \geq M \geq N = U < V < G$

Conclusions:

I. $P > V$

II. $G \leq L$

✗ 1. Both conclusions I and II are true

✗ 2. Only conclusion II is true

✗ 3. Only conclusion I is true

✓ 4. Neither conclusion I nor II is true

Q.5 How many meaningful four-letter English words can be formed using the second, third, fifth and seventh letters of the word TOURIST (when counted from left to right) using each letter only once in each word.

- Ans**
- ☒ 1. None
 - ☐ 2. Two
 - ☐ 3. One
 - ☐ 4. More than two

Q.6 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements:

All apples are plums.
Some plums are berries.
Some berries are coconuts.

Conclusions:

1. Some berries are plums.
2. All plums are apples.
3. Some coconuts are berries.

- Ans**
- ☐ 1. Only conclusion 3 follows.
 - ☐ 2. Only conclusion 1 follows.
 - ☐ 3. Only conclusion 2 follows.
 - ☒ 4. Both conclusions 1 and 3 follow.

Q.7 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. 14-126
 - ☒ 2. 31-280
 - ☐ 3. 25-225
 - ☐ 4. 12-108

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

$$163 \div 5 + 147 \times 7 - 19 = ?$$

- Ans**
- ☐ 1. 819
 - ☐ 2. 817
 - ☐ 3. 816
 - ☒ 4. 813

Q.9 11 is related to 55 following a certain logic. Following the same logic, 12 is related to 60. To which of the following is 15 related following the same logic?

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

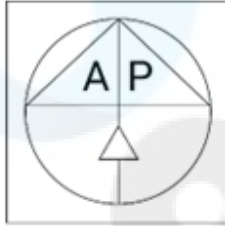
- Ans**
- ☐ 1. 85
 - ☒ 2. 75
 - ☐ 3. 70
 - ☐ 4. 80

Q.10 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. 364-182
 - ☒ 2. 438-219
 - ☒ 3. 524-260
 - ☒ 4. 986-493

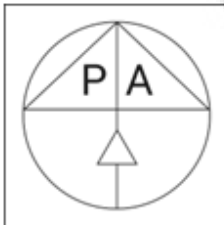
Q.11 If the water source is placed along X-Y, as shown in the given figure, which of the following options will be the water reflection of the given figure?



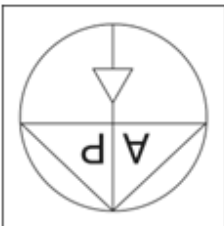
X ~~~~~ Y

Ans

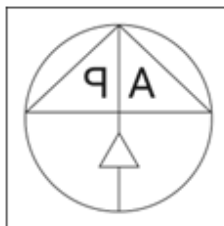
☒ 1.



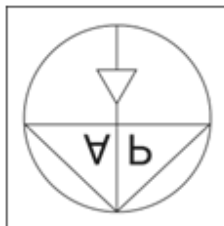
☒ 2.



☒ 3.



☒ 4.



Q.12 A statement is followed by two courses of action, numbered I and II. You must assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the following course(s) of action logically follow(s) for pursuing.

Statement: Voltage fluctuation in A's home has damaged many of his new electrical appliances.

Courses of action:

I) A should consult an electrician and install a device to safeguard appliances against fluctuations in voltage.

II) A must replace all the appliances.

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

Q.13 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. Water - bottles
 - ☐ 2. Clothes - wardrobes
 - ☐ 3. Money - wallets
 - ☒ 4. Rice - eat

Q.14 All 20 students in a class are standing in a straight line facing north. Neha is 10th from the right end while Nalin is 12th from the left end. How many people stand between Neha and Nalin?

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

Q.15 In a certain code language, 'KENT' is coded as '9^*7' and 'BENT' is coded as '*~79'. What is the code for 'B' in that code language?

- Ans**
- ☐ 1. *
 - ☐ 2. 9
 - ☒ 3. ~
 - ☐ 4. ^

Q.16 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.)

Quench : Satisfy, Nurture : Foster

- Ans**
- ☐ 1. Yield : Resist
 - ☐ 2. Jealous : Content
 - ☐ 3. Lethargic : Energetic
 - ☒ 4. Ingenious : Clever

Q.17 Read the given statements and conclusions carefully. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. You have to decide which conclusion/s logically follow/s from the given statements.

Statements:

Some bells are pumps.

All pumps are skates.

All bells are kites.

Conclusions:

1. Some kites are skates.

2. Some skates are bells.

3. Some skates are pumps.

Ans  1. Both conclusions 1 and 3 follow.

 2. Both conclusions 2 and 3 follow.

 3. All conclusions 1, 2 and 3 follow.

 4. Both conclusions 1 and 2 follow.

Q.18 82 is related to 41 following a certain logic. Following the same logic, 94 is related to 47. To which of the following is 66 related following the same logic?

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

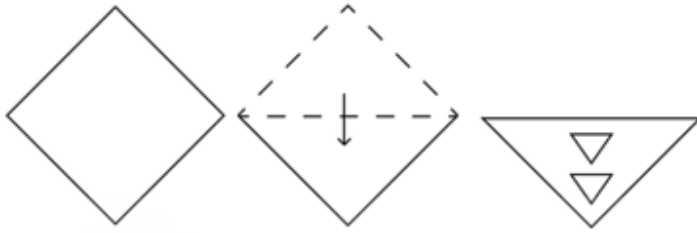
Ans  1. 33

 2. 23

 3. 43

 4. 13

Q.19 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?

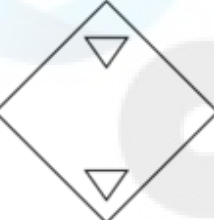


Ans

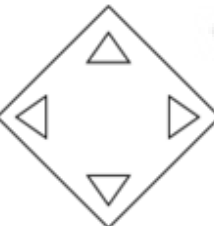
✓ 1.



✗ 2.



✗ 3.



✗ 4.



Q.20 A, B, C, D, E and F live on six different floors of the same building. The lowermost floor in the building is numbered 1, the floor above it, number 2, and so on, till the topmost floor is numbered 6. E lives on an odd-numbered floor but not on floor number 5. Only one person lives between E and C. D lives immediately above F. B lives on a lower floor than C. A does not live on the topmost floor. Who lives on the topmost floor?

Ans ✗ 1. B

✗ 2. A

✓ 3. D

✗ 4. C

Q.21 What will come in place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$617 \div 3 - 84 + 515 \times 5 = ?$$

Ans ✗ 1. 1836

✗ 2. 1838

✗ 3. 1834

✓ 4. 1832

Q.22 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

GA_B M_PB SA_B YAB_ _AHB

- Ans
- ☒ 1. AWBUY
 - ☒ 2. JAVBE
 - ☒ 3. MFGTY
 - ☒ 4. CHFJK

Q.23 4 is related to 40 following a certain logic. Following the same logic, 12 is related to 120. To which of the following is 15 related following the same logic?

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

- Ans
- ☒ 1. 200
 - ☒ 2. 205
 - ☒ 3. 100
 - ☒ 4. 150

Q.24 Read the given statement and inferences 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 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: All mammals are warm-blooded animals.

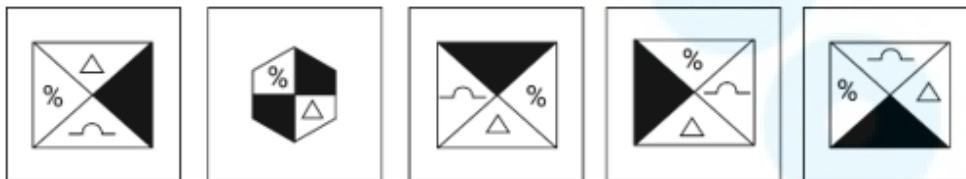
Inferences:

I. Dogs are warm-blooded animals.

II. All warm-blooded creatures are mammals.

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

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



(A)

(B)

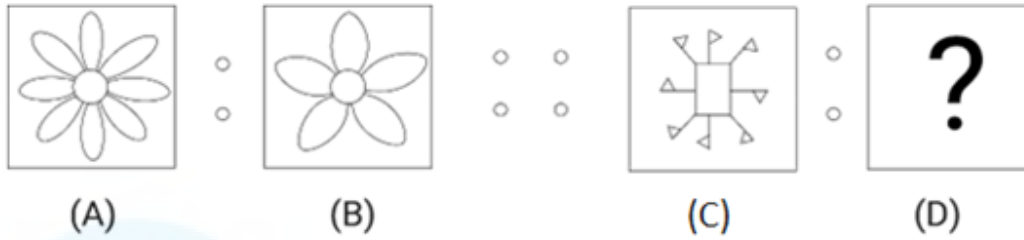
(C)

(D)

(E)

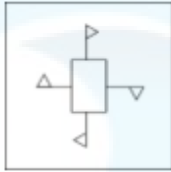
- Ans
- ☒ 1. B
 - ☒ 2. D
 - ☒ 3. C
 - ☒ 4. E

Q.26 Figure A is related to Figure B in a certain way. Following the same pattern, Figure C is related to Figure D. Study the pattern and select the figure which should be placed in place of D.

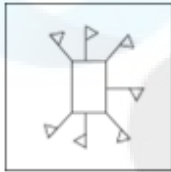


Ans

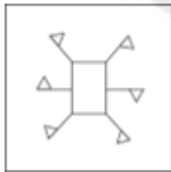
☒ 1.



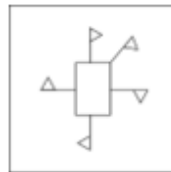
☒ 2.



☒ 3.



☒ 4.



Q.27 How many meaningful four-letter English words can be formed using the first, fourth, fifth and sixth letters of the word SAVOUR (when counted from left to right) using each letter only once in each word.

Ans ☒ 1. One

☒ 2. More than two

☒ 3. Two

☒ 4. None

Q.28 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: $T \geq M < W = P \geq Q > R \leq S$

Conclusions:

I. $P \leq M$

II. $Q > T$

Ans ☒ 1. Neither conclusion I nor II is true

☒ 2. Only conclusion I is true

☒ 3. Only conclusion II is true

☒ 4. Both conclusions I and II are true

Q.29 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

CB_W V_SP _NLI HG_B A_XU

Ans ☒ 1. XUOFY

☒ 2. XUOEZ

☒ 3. XUOEY

☒ 4. ZUOEZ

Q.30 In a certain code language, '4378' is coded as 'IDOL' and '7832' is coded as 'IDLE'. What is the code for '2' in that code language?

- Ans**
- ☐ 1. O
 - ☐ 2. L
 - ☒ 3. E
 - ☐ 4. I

Section : English Language and Comprehension

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

- Ans**
- ☒ 1. Decline
 - ☐ 2. Liberate
 - ☐ 3. Dispirited
 - ☐ 4. Flowering

Q.2 Select the most appropriate idiom that means the same as the given sentence.
Shyama looks innocent, but in reality, she is cunning.

- Ans**
- ☐ 1. Fortune favours the brave.
 - ☐ 2. Beauty lies in the eyes of the beholder.
 - ☒ 3. Don't judge a book by its cover.
 - ☐ 4. Don't put all your eggs in one basket.

Q.3 Select the option that can be used as a one-word substitute for the given group of words/phrase.

A drug or other substance that induces sleep

- Ans**
- ☐ 1. Energetic
 - ☐ 2. Reviver
 - ☐ 3. Stimulant
 - ☒ 4. Sedative

Q.4 Select the option that expresses the given sentence in reported speech.
He said to the mechanic, "Will you have the car ready by tomorrow morning?"

- Ans**
- ☒ 1. He asked the mechanic if he would have the car ready by the next morning.
 - ☐ 2. He told the mechanic if he will have the car ready for the next morning.
 - ☐ 3. He asked the mechanic if he will have the car ready by the previous morning.
 - ☐ 4. He said the mechanic whether he would has the car ready by the following morning.

Q.5 Select the option that converts the given sentence into the superlative degree.
The river Ganga has some of the purer water on earth.

- Ans**
- ☐ 1. The river Ganga has some of the most purest water on earth.
 - ☐ 2. The river Ganga has some of the very purest water on earth.
 - ☐ 3. The river Ganga has some of the more purest water on earth.
 - ☒ 4. The river Ganga has some of the purest water on earth.

Q.6 Select the option that expresses the given sentence in passive voice.
They built a new house last year.

- Ans**
- ☐ 1. A new house was being built by them last year.
 - ☐ 2. They had been building a new house last year.
 - ☒ 3. A new house was built by them last year.
 - ☐ 4. A new house is being built by them last year.

Q.7 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options.

While astrology has/ a long history / it is generally/ considered pseudoscience.

- Ans**
- ☐ 1. it is generally
 - ☐ 2. a long history
 - ☐ 3. While astrology has
 - ☒ 4. considered pseudoscience

Q.8 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.
I have three sisters: / Meera is the elder / and Charu is the youngest.

- Ans**
- ☐ 1. No error
 - ☐ 2. and Charu is the youngest
 - ☐ 3. I have three sisters:
 - ☒ 4. Meera is the elder

Q.9 Select the most appropriate option that best expresses the meaning of the proverb in the given sentence.
The salesperson for the project offered a sneak peek of the project as we expressed our interest in the area and amenities.

- Ans**
- ☒ 1. Getting a preview of something
 - ☐ 2. To try something new
 - ☐ 3. Sending a brief letter
 - ☐ 4. To be in a winning position

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

Currently, Mittu and Bittu _____ hard to meet the project deadline.

- Ans**
- ☐ 1. worked
 - ☒ 2. are working
 - ☐ 3. have worked
 - ☐ 4. were working

Q.11 Select the sentence that gives the most appropriate meaning of the idiom 'Keep your chin up'.

- Ans**
- ☐ 1. The students diligently completed their homework assignments before the deadline.
 - ☒ 2. Despite facing setbacks, she remained positive and determined to achieve her goals.
 - ☐ 3. The hiker enjoyed the breathtaking view from the mountaintop, taking in the natural beauty.
 - ☐ 4. The scientist conducted experiments and gathered data to support his research hypothesis.

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.
A man who has been accused of fraud / in an earlier job, he will never be / welcome in any other organisation.

- Ans**
- ☐ 1. No error
 - ☐ 2. welcome in any other organisation
 - ☐ 3. A man who has been accused of fraud
 - ☒ 4. in an earlier job, he will never be

Q.13 Select the most appropriate ANTONYM of the given word.
Denote

- Ans**
- ☐ 1. Convey
 - ☐ 2. Conclude
 - ☒ 3. Conceal
 - ☐ 4. Convince

Q.14 Select the most appropriate phrasal verb to fill in the blank.
The teacher asked the students to _____ their ideas during the class discussion.

- Ans**
- ☒ 1. get on
 - ☒ 2. put off
 - ☒ 3. bring up
 - ☒ 4. bring about

Q.15 Identify the INCORRECTLY spelt word in the following sentence and select its correct spelling from the given options.

The remoteness of the location made it difficult for the authorities to reach out to the people.

- Ans**
- ☒ 1. authorities
 - ☒ 2. locasion
 - ☒ 3. remotness
 - ☒ 4. deficult

Q.16 Select the most appropriate option to fill in the blank.
The war _____ badly damaged the country's infrastructure.

- Ans**
- ☒ 1. has
 - ☒ 2. have
 - ☒ 3. was
 - ☒ 4. is

Q.17 Select the option that expresses the given sentence in passive voice.

Perumal has given a challenging assignment to the newly admitted students.

- Ans**
- ☒ 1. A challenging assignment has been given by Perumal to the newly admitted students.
 - ☒ 2. A challenging assignment will have been given by Perumal to the newly admitted students.
 - ☒ 3. A challenging assignment was given by Perumal to the newly admitted students.
 - ☒ 4. A challenging assignment had been given by Perumal to the newly admitted students.

Q.18 Select the most appropriate phrasal verb to fill in the blank.
The teacher asked the students to _____ their essays before the deadline.

- Ans**
- ☒ 1. land in
 - ☒ 2. put off
 - ☒ 3. hand in
 - ☒ 4. hand up

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

A sudden violent event that brings about great loss or destruction

- Ans**
- ☒ 1. Blockbuster
 - ☒ 2. Farce
 - ☒ 3. Intrigue
 - ☒ 4. Catastrophe

Q.20 Select the option that can be used as a one-word substitute for the given group of words.

Someone who has too much admiration for himself or herself

- Ans**
- ☒ 1. Narcissist
 - ☒ 2. Pantheist
 - ☒ 3. Misogamist
 - ☒ 4. Misanthropist

Q.21 Select the most appropriate synonym of the given word.

Serene

- Ans**
- ☐ 1. Chaotic
 - ☒ 2. Calm
 - ☐ 3. Agitated
 - ☐ 4. Angry

Q.22 Select the most appropriate option to fill in the blank.
I did not _____ to university yesterday.

- Ans**
- ☐ 1. gone
 - ☒ 2. go
 - ☐ 3. went
 - ☐ 4. going

Q.23 Select the option that expresses the given sentence in reported speech.
Anil said to Ria, "I know where everything is kept in the kitchen."

- Ans**
- ☐ 1. Anil told Ria that he knows where everything was kept in the kitchen.
 - ☐ 2. Anil told Ria that he knew where everything is kept in the kitchen.
 - ☐ 3. Anil asked Ria that he knows where everything was kept in the kitchen.
 - ☒ 4. Anil told Ria that he knew where everything was kept in the kitchen.

Q.24 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.

It is a well-known fact/ that the Monarchy is / not the best form /of governance.

- Ans**
- ☒ 1. that the Monarchy is
 - ☐ 2. of governance.
 - ☐ 3. not the best form
 - ☐ 4. It is a well-known fact

Q.25 Select the INCORRECTLY spelt word.

- Ans**
- ☐ 1. Maxim
 - ☐ 2. Profligate
 - ☒ 3. Lisentious
 - ☐ 4. Quandary

Q.26 Select the option that expresses the given sentence in passive voice.
The teacher will explain the lesson tomorrow.

- Ans**
- ☐ 1. The lesson is being explained by the teacher tomorrow.
 - ☐ 2. The lesson was explained by the teacher tomorrow.
 - ☒ 3. The lesson will be explained by the teacher tomorrow.
 - ☐ 4. The lesson will have been explained by the teacher tomorrow.

Q.27 Select the correct spelling of the underlined word in the given sentence.
He made a sureptituous phone call while his boss was out of the room.

- Ans**
- ☐ 1. surreptitious
 - ☐ 2. sureptitious
 - ☒ 3. surreptitious
 - ☐ 4. sarreptitious

Q.28 Select the most appropriate tense form to fill in the blank.
Tania _____ to the canteen.

- Ans**
- ☒ 1. were gone
 - ☒ 2. were going
 - ☒ 3. was going
 - ☒ 4. had going

Comprehension:

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

He looks out of the window at the (1)_____ snow, then turns and takes his wife in his arms, feeling grateful to be here even as he wonders what he is going to do with his life in strictly practical terms. For years, he had (2)_____ himself to do one thing, and he did it well, but he doesn't know whether he wants to keep doing it for the rest of his life, for that matter, whether anyone will let him. He is still worrying when they go to bed.

They've been learning to get by with less, and they'll keep learning. It seems to him as if they're taking a course in loss lately. And as he feels himself falling asleep he has an (3)_____ he believes is important, which he hopes he will remember in the morning, although it is one of those thoughts that seldom (4)_____ translation to the language of daylight hours.

SubQuestion No : 29

Q.29 Select the most appropriate option to fill in blank no. 1.

- Ans**
- ☒ 1. falling
 - ☒ 2. dashing
 - ☒ 3. praying
 - ☒ 4. blazing

Comprehension:

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

He looks out of the window at the (1)_____ snow, then turns and takes his wife in his arms, feeling grateful to be here even as he wonders what he is going to do with his life in strictly practical terms. For years, he had (2)_____ himself to do one thing, and he did it well, but he doesn't know whether he wants to keep doing it for the rest of his life, for that matter, whether anyone will let him. He is still worrying when they go to bed.

They've been learning to get by with less, and they'll keep learning. It seems to him as if they're taking a course in loss lately. And as he feels himself falling asleep he has an (3)_____ he believes is important, which he hopes he will remember in the morning, although it is one of those thoughts that seldom (4)_____ translation to the language of daylight hours.

SubQuestion No : 30

Q.30 Select the most appropriate option to fill in blank no. 2.

- Ans**
- ☒ 1. trained
 - ☒ 2. mesmerised
 - ☒ 3. penalised
 - ☒ 4. abstained

Comprehension:

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

He looks out of the window at the (1)_____ snow, then turns and takes his wife in his arms, feeling grateful to be here even as he wonders what he is going to do with his life in strictly practical terms. For years, he had (2)_____ himself to do one thing, and he did it well, but he doesn't know whether he wants to keep doing it for the rest of his life, for that matter, whether anyone will let him. He is still worrying when they go to bed.

They've been learning to get by with less, and they'll keep learning. It seems to him as if they're taking a course in loss lately. And as he feels himself falling asleep he has an (3)_____ he believes is important, which he hopes he will remember in the morning, although it is one of those thoughts that seldom (4)_____ translation to the language of daylight hours.

SubQuestion No : 31

Q.31 Select the most appropriate option to fill in blank no. 3.

Ans

- ✓ 1. insight
- ✗ 2. implication
- ✗ 3. insurance
- ✗ 4. instance

Comprehension:

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

He looks out of the window at the (1)_____ snow, then turns and takes his wife in his arms, feeling grateful to be here even as he wonders what he is going to do with his life in strictly practical terms. For years, he had (2)_____ himself to do one thing, and he did it well, but he doesn't know whether he wants to keep doing it for the rest of his life, for that matter, whether anyone will let him. He is still worrying when they go to bed.

They've been learning to get by with less, and they'll keep learning. It seems to him as if they're taking a course in loss lately. And as he feels himself falling asleep he has an (3)_____ he believes is important, which he hopes he will remember in the morning, although it is one of those thoughts that seldom (4)_____ translation to the language of daylight hours.

SubQuestion No : 32

Q.32 Select the most appropriate option to fill in blank no. 4.

Ans

- ✗ 1. proliferate
- ✓ 2. survive
- ✗ 3. install
- ✗ 4. fabricate

Comprehension:

Read the given passage and answer the questions that follow.

Leadership does not exist without followership. A leader has to be accepted by the group which the former is supposed to lead. To gain acceptability, the leader should cause an emotive impact on the group members. The strength of character exhibited by leaders makes them dear to their followers. A leader is one who effectively inspires followers to achieve worthwhile things. What character of the leader motivates the followers? It is not pomp and show, neither flattery nor sanctioning more incentives. Pomp and show creates a sense of awe and the leader is deified rather as emulated. Flattery is unrealistic and cannot serve as a long-term motivational tool. A leader's style should be one that can be emulated by all irrespective of cadre, class and calibre. Simplicity in one's day- to- day conduct is the only thing that can be adopted by all.

SubQuestion No : 33

Q.33 Which of the following desired qualities of a leader is mentioned in the passage?

Ans

- ✓ 1. Simplicity
- ✗ 2. Deified
- ✗ 3. Pomp and show
- ✗ 4. Flattery

Comprehension:

Read the given passage and answer the questions that follow.

Leadership does not exist without followership. A leader has to be accepted by the group which the former is supposed to lead. To gain acceptability, the leader should cause an emotive impact on the group members. The strength of character exhibited by leaders makes them dear to their followers. A leader is one who effectively inspires followers to achieve worthwhile things. What character of the leader motivates the followers? It is not pomp and show, neither flattery nor sanctioning more incentives. Pomp and show creates a sense of awe and the leader is deified rather as emulated. Flattery is unrealistic and cannot serve as a long-term motivational tool. A leader's style should be one that can be emulated by all irrespective of cadre, class and calibre. Simplicity in one's day- to- day conduct is the only thing that can be adopted by all.

SubQuestion No : 34

Q.34 Select the most appropriate synonym of the given word.
Emulate

Ans

- ☒ 1. Relax
- ☒ 2. Imitate
- ☒ 3. Suppose
- ☒ 4. Exhibit

Comprehension:

Read the given passage and answer the questions that follow.

Leadership does not exist without followership. A leader has to be accepted by the group which the former is supposed to lead. To gain acceptability, the leader should cause an emotive impact on the group members. The strength of character exhibited by leaders makes them dear to their followers. A leader is one who effectively inspires followers to achieve worthwhile things. What character of the leader motivates the followers? It is not pomp and show, neither flattery nor sanctioning more incentives. Pomp and show creates a sense of awe and the leader is deified rather as emulated. Flattery is unrealistic and cannot serve as a long-term motivational tool. A leader's style should be one that can be emulated by all irrespective of cadre, class and calibre. Simplicity in one's day- to- day conduct is the only thing that can be adopted by all.

SubQuestion No : 35

Q.35 According to the passage, why should the leader generate an emotive impact?

Ans

- ☒ 1. To exhibit the character of his followers
- ☒ 2. To mould the character of a leader
- ☒ 3. To gain acceptance by the members of the group
- ☒ 4. To acquire social knowledge

Comprehension:

Read the given passage and answer the questions that follow.

Leadership does not exist without followership. A leader has to be accepted by the group which the former is supposed to lead. To gain acceptability, the leader should cause an emotive impact on the group members. The strength of character exhibited by leaders makes them dear to their followers. A leader is one who effectively inspires followers to achieve worthwhile things. What character of the leader motivates the followers? It is not pomp and show, neither flattery nor sanctioning more incentives. Pomp and show creates a sense of awe and the leader is deified rather as emulated. Flattery is unrealistic and cannot serve as a long-term motivational tool. A leader's style should be one that can be emulated by all irrespective of cadre, class and calibre. Simplicity in one's day- to- day conduct is the only thing that can be adopted by all.

SubQuestion No : 36

Q.36 Select the best summary of the passage?

Ans

- ☒ 1. A leader effectively inspires and guides his followers to achieve desired goals.
- ☒ 2. A leader's style cannot serve as a long-term motivation among the group.
- ☒ 3. Motivation is the innate quality that enables an individual to be intellectually strong.
- ☒ 4. Administrative knowledge is essential for the followers to get success.

Comprehension:

Read the given passage and answer the questions that follow.

In 1888, an Atlantic contributor made the case for a “science of names.”

“Parents are strangely careless and unscientific in giving names to children,” the contributor complained. “They forget that not only from the social point of view it is very advantageous to have one’s name remembered, but that from the business point of view notoriety is capital, and must be obtained by persistent and ingenious advertising.” Indeed, the contributor argued, a good name will give a child “a start in life equivalent to a cash capital of at least fifteen thousand dollars.” One way to ensure this head start? “Be guided by euphonic quality only.”

Although not all of this contributor’s guidance can or should still apply today, the importance of a name to a child’s identity has stayed front of mind for many parents. A name can determine whether a child fits in or stands out—and many parents differ on which of those outcomes is preferable.

SubQuestion No : 37

Q.37 According to the contributor, the parents are strangely careless and unscientific in giving names to children because _____.

- Ans**
- ☒ 1. they do it without considering the business point of view
 - ☐ 2. they do it without discussing it with their relatives and friends
 - ☐ 3. they do it without considering the actual meaning of the name
 - ☐ 4. they do it without considering the latter’s interest in it

Comprehension:

Read the given passage and answer the questions that follow.

In 1888, an Atlantic contributor made the case for a “science of names.”

“Parents are strangely careless and unscientific in giving names to children,” the contributor complained. “They forget that not only from the social point of view it is very advantageous to have one’s name remembered, but that from the business point of view notoriety is capital, and must be obtained by persistent and ingenious advertising.” Indeed, the contributor argued, a good name will give a child “a start in life equivalent to a cash capital of at least fifteen thousand dollars.” One way to ensure this head start? “Be guided by euphonic quality only.”

Although not all of this contributor’s guidance can or should still apply today, the importance of a name to a child’s identity has stayed front of mind for many parents. A name can determine whether a child fits in or stands out—and many parents differ on which of those outcomes is preferable.

SubQuestion No : 38

Q.38 Select the most appropriate word in the passage which means ‘pleasing and sweet sound’.

- Ans**
- ☐ 1. Identity
 - ☐ 2. Advantageous
 - ☐ 3. Outcomes
 - ☒ 4. Euphonic

Comprehension:

Read the given passage and answer the questions that follow.

In 1888, an Atlantic contributor made the case for a “science of names.”

“Parents are strangely careless and unscientific in giving names to children,” the contributor complained. “They forget that not only from the social point of view it is very advantageous to have one’s name remembered, but that from the business point of view notoriety is capital, and must be obtained by persistent and ingenious advertising.” Indeed, the contributor argued, a good name will give a child “a start in life equivalent to a cash capital of at least fifteen thousand dollars.” One way to ensure this head start? “Be guided by euphonic quality only.”

Although not all of this contributor’s guidance can or should still apply today, the importance of a name to a child’s identity has stayed front of mind for many parents. A name can determine whether a child fits in or stands out—and many parents differ on which of those outcomes is preferable.

SubQuestion No : 39

Q.39 What will be given to a child if he gets a good name?

- Ans**
- ☐ 1. A good bank balance
 - ☐ 2. A perfect address
 - ☐ 3. A professional attitude
 - ☒ 4. A headstart in life

Comprehension:

Read the given passage and answer the questions that follow.

In 1888, an Atlantic contributor made the case for a “science of names.”

“Parents are strangely careless and unscientific in giving names to children,” the contributor complained. “They forget that not only from the social point of view it is very advantageous to have one’s name remembered, but that from the business point of view notoriety is capital, and must be obtained by persistent and ingenious advertising.” Indeed, the contributor argued, a good name will give a child “a start in life equivalent to a cash capital of at least fifteen thousand dollars.” One way to ensure this head start? “Be guided by euphonic quality only.”

Although not all of this contributor’s guidance can or should still apply today, the importance of a name to a child’s identity has stayed front of mind for many parents. A name can determine whether a child fits in or stands out—and many parents differ on which of those outcomes is preferable.

SubQuestion No : 40

Q.40 What is the tone of the speaker in the passage?

- Ans**
- ☒ 1. Humorous
 - ☒ 2. Sarcastic
 - ☒ 3. Persuasive
 - ☒ 4. Melancholic

Section : General Awareness

Q.1 According to the Census of India-2011, which of the following options represents a group of the most urbanised union territories in India?

- Ans**
- ☒ 1. Chandigarh and Lakshadweep
 - ☒ 2. Delhi and Chandigarh
 - ☒ 3. Puducherry and Delhi
 - ☒ 4. Lakshadweep and Puducherry

Q.2 Which is NOT a Directive Principle to be followed by the State for policy-making?

- Ans**
- ☒ 1. Tender age of children is not abused
 - ☒ 2. Equal pay for equal work
 - ☒ 3. The operation of economic system results for concentration of wealth
 - ☒ 4. The ownership of material resources of the community are for common good

Q.3 A 100 mL solution having 0.01 moles of NaOH dissolved in it. The pH of the solution is:

- Ans**
- ☒ 1. 13
 - ☒ 2. 1
 - ☒ 3. 10
 - ☒ 4. 2

Q.4 In the energy flow diagram of an ecosystem, the flow of energy comes to herbivores from:

- Ans**
- ☒ 1. sunlight
 - ☒ 2. carnivores
 - ☒ 3. top carnivores
 - ☒ 4. producers

Q.5 In September 2022, the Daspara village in _____ – which is solely dependent on agriculture and fishery – was converted to a nature-based lifestyle and livelihood while reducing the use of chemical fertilisers, becoming India’s first modified bio village.

- Ans**
- ☒ 1. West Bengal
 - ☒ 2. Tripura
 - ☒ 3. Odisha
 - ☒ 4. Andhra Pradesh

Q.6 A bus moving on a straight road at a speed of 10 km/h increases its speed to 70 km/h in 2 minutes. Find its average acceleration.

- Ans**
- ☐ 1. 1 km/minute²
 - ☒ 2. 0.5 km/minute²
 - ☐ 3. 2 km/minute²
 - ☐ 4. 30 km/minute²

Q.7 Severe undernutrition due to the deficiency of food and energy is termed as _____.

- Ans**
- ☐ 1. kwashiorkor
 - ☐ 2. wasting
 - ☒ 3. marasmus
 - ☐ 4. dementia

Q.8 Gases, especially oxygen and carbon dioxide, are essential for the survival of aquatic animals and plants. The gases from the atmosphere reach the aquatic animals and plants through:

- Ans**
- ☐ 1. condensation
 - ☐ 2. evaporation
 - ☐ 3. sublimation
 - ☒ 4. diffusion

Q.9 What is mainly responsible for the increase in the greenhouse effect?

- Ans**
- ☐ 1. Increasing SO₂ levels
 - ☐ 2. Ozone layer hole
 - ☐ 3. Chlorofluorocarbon content is rising
 - ☒ 4. Increasing CO₂ concentration

Q.10 Which of the following statements about transfer payments are correct?
1) Transfer payments are made by the government to households.
2) Pension, scholarship etc. are not a part of the transfer payments.
3) Transfer payments are often used as a means of redistributing income within a society.

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

Q.11 Identify whether the following statements are correct or incorrect.
Statement 1: Khasi and Jaintia hills receive the highest rainfall, which exceeds 1000 cm.
Statement 2: Ladakh and most western Rajasthan receive rainfall above 150 cm.

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

Q.12 Which of the following statements related to the United Nations Development Program (UNDP) partnership with Deendayal Antyodaya Yojana - National Urban Livelihoods Mission (DAY-NULM) are correct?
1) UNDP and DAY-NULM have entered into a collaborative partnership aimed at empowering women to make well-informed career choices in the field of entrepreneurship.
2) The partnership will provide support for women looking to start and expand their own enterprises, particularly in sectors such as care economy, digital economy, electric mobility, waste management, food packaging and more.
3) Focused on fostering entrepreneurship development and accelerating enterprise growth, the five-year project, extendable beyond 2027, will cover ten cities in the initial phase.
4) UNDP will contribute to the initiative by developing community business mentors called 'Biz-Sakhis' in selected project locations.

Ans ☒ 1. 2, 3 and 4

☒ 2. 1, 2 and 4

☒ 3. 1, 2 and 3

☒ 4. 1, 3 and 4

Q.13 Which of the following statements are INCORRECT?
1) The Original Jurisdiction establishes the Supreme Court as an umpire in all disputes regarding federal matters.
2) The Supreme Court can give special orders in the form of writs.
3) Article 129 of the Indian Constitution mention about appointment of acting Chief Justice of India.
4) Every Judge of the Supreme Court of India shall be appointed by the Prime Minister of India.

Ans ☒ 1. 3 and 2

☒ 2. 2 and 1

☒ 3. 3 and 4

☒ 4. 1 and 4

Q.14 Who issued guidelines for the microfinance institutions in India?

Ans ☒ 1. Finance Ministry

☒ 2. NABARD

☒ 3. State Government

☒ 4. Reserve Bank of India

Q.15 Which of the following statement(s) is/are correct about Prarthana Samaj?
A. Prarthana Samaj or 'Prayer Society' in Sanskrit, was a movement for religious and social reforms.
B. Prarthana Samaj was founded in 1863 by the Dadoba Pandurang and his brother Atmaram Pandurang.

Ans ☒ 1. Neither A nor B

☒ 2. Only A

☒ 3. Both A and B

☒ 4. Only B

Q.16 Match the following Acts/Policies with the respective years in which they were put into place.

Acts/Policies	Year
A. Pitt's India Act	1. 1784
B. Permanent Settlement of Bengal	2. 1793
C. Introduction of the Subsidiary Alliance System	3. 1798
D. Abolition of Sati	4. 1829

Ans ☒ 1. A - 4, B - 3, C - 2, D - 1

☒ 2. A - 2, B - 1, C - 4, D - 3

☒ 3. A - 2, B - 1, C - 3, D - 4

☒ 4. A - 1, B - 2, C - 3, D - 4

Q.17 The following sportspersons have created a record in their sports in 2022. Match the sportsperson (list I) with their sport (list II).

List I (Sportsperson)		List II (Sport)	
a)	Manpreet Kaur	i)	Shot put
b)	Avinash Sable	ii)	Athlete
c)	Mirabai Chanu	iii)	Archer
d)	Pooja Jatyan	iv)	Weightlifting

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

Q.18 Which of the following cities in India faces monsoon rain first?

- Ans**
- ☒ 1. Bhubaneswar
 - ☒ 2. Kolkata
 - ☒ 3. Thiruvananthapuram
 - ☒ 4. Chennai

Q.19 Which organisation in India holds the responsibility for setting the maximum residue limits (MRLs) of pesticides in food materials?

- Ans**
- ☒ 1. Indian Statistical Institute (ISI)
 - ☒ 2. Food Safety and Standards Authority of India (FSSAI)
 - ☒ 3. Ministry of Food Processing Industries
 - ☒ 4. Food Corporation of India (FCI)

Q.20 Which of the following statements regarding cricketer Jasprit Bumrah's record at Edgbaston in 2022 are correct?

- 1) Indian captain Jasprit Bumrah broke Brian Lara's world record by scoring 32 runs in an over.
- 2) The world record stayed with Brian Lara for 18 years.
- 3) Brian Lara had hit South African left-arm spinner Robin Peterson for his record.
- 4) Jasprit Bumrah created a world record for maximum runs off a single over in Test cricket by beating Stuart Broad.

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

Section : Computer Knowledge Module

Q.1 Which among the following is a part of URL (Uniform Resource Locator)?

- Ans**
- ☒ 1. Server
 - ☒ 2. Port number
 - ☒ 3. Error code
 - ☒ 4. Multiplexer

Q.2 What is the purpose of the 'Alignment' options in Microsoft Word?

- Ans
- ☐ 1. To insert images and graphics.
 - ☐ 2. To adjust the spacing between lines of text.
 - ☐ 3. To change the font colour of the text.
 - ☒ 4. To control the horizontal or vertical placement of text within margins.

Q.3 What is the role of ROM (Read-Only Memory) in a computer system?

- Ans
- ☐ 1. Managing network connections.
 - ☐ 2. Storing user-generated files and documents.
 - ☒ 3. Storing the computer's firmware and startup instructions.
 - ☐ 4. Providing temporary storage for running applications.

Q.4 What is a 'DDoS attack' in the context of network security?

- Ans
- ☐ 1. An attack that aims to exploit vulnerabilities in software.
 - ☒ 2. An attack that floods a network with excessive traffic to overwhelm and disrupt its operation.
 - ☐ 3. A type of malware that replicates itself and spreads through a network.
 - ☐ 4. A social engineering attack that targets specific individuals.

Q.5 What is 'Phishing' in the context of network security?

- Ans
- ☐ 1. A type of computer worm that spreads through email attachments.
 - ☐ 2. An attack that floods a network with excessive traffic to disrupt its operation.
 - ☒ 3. A social engineering attack that tricks users into revealing sensitive information.
 - ☐ 4. A type of malware that spreads through infected USB drives.

Q.6 What is a workbook in Excel?

- Ans
- ☐ 1. A collection of cells with related data
 - ☐ 2. A set of predefined formatting styles
 - ☐ 3. A chart that visualises data
 - ☒ 4. A file containing multiple worksheets

Q.7 What is the keyboard shortcut to 'Paste' copied content from the clipboard in most Windows applications?

- Ans
- ☐ 1. Ctrl + C
 - ☐ 2. Ctrl + X
 - ☐ 3. Ctrl + Z
 - ☒ 4. Ctrl + V

Q.8 What is the main purpose of the 'BCC' field in email composition?

- Ans
- ☐ 1. To include multiple main recipients in a single field.
 - ☐ 2. To indicate the importance of the email.
 - ☒ 3. To send copies of the email without revealing the other recipients' addresses.
 - ☐ 4. To attach files to the email.

Q.9 What protocol is commonly used for sending and receiving emails?

- Ans
- ☐ 1. SSH (Secure Shell Protocol)
 - ☒ 2. SMTP (Simple Mail Transfer Protocol)
 - ☐ 3. FTP (File Transfer Protocol)
 - ☐ 4. HTTP (Hypertext Transfer Protocol)

Q.10 Which of the following is an example of an output device?

- Ans
- ☒ 1. Printer
 - ☐ 2. Microphone
 - ☐ 3. Scanner
 - ☐ 4. Mouse

Q.11 What is the purpose of the Arithmetic Logic Unit (ALU) in a Central Processing Unit(CPU)?

- Ans
- ☒ 1. It executes program instructions by performing calculations and logical comparisons.
 - ☐ 2. It manages the data flow between the CPU and memory.
 - ☐ 3. It controls the speed of the CPU fan.
 - ☐ 4. It connects the CPU to peripheral devices.

Q.12 How can you open an existing document in Microsoft Word 2016?

- Ans
- ☐ 1. Press Ctrl + S.
 - ☐ 2. Press Ctrl + P.
 - ☐ 3. Press Ctrl + N.
 - ☒ 4. Press Ctrl + O.

Q.13 Which keyboard shortcut opens File Explorer (previously known as Windows Explorer) in Windows 10?

- Ans
- ☐ 1. Ctrl + P
 - ☒ 2. Win + E
 - ☐ 3. Ctrl + C
 - ☐ 4. Alt + Tab

Q.14 What is the purpose of a search engine on the internet?

- Ans
- ☐ 1. To create and edit documents online.
 - ☒ 2. To search and retrieve relevant information from the web.
 - ☐ 3. To provide free software downloads.
 - ☐ 4. To network with people on social media platforms.

Q.15 Which networking protocol is used to assign IP addresses dynamically to devices on a network?

- Ans
- ✗ 1. FTP (File Transfer Protocol)
 - ✗ 2. HTTP (Hypertext Transfer Protocol)
 - ✗ 3. SMTP (Simple Mail Transfer Protocol)
 - ✓ 4. DHCP (Dynamic Host Configuration Protocol)