

Selection Post Examination Phase XII 2024

Exam Date	20/06/2024
Exam Time	2:30 PM - 3:30 PM
Subject	Selection Post Graduate level

Section : General Intelligence

Q1 In a certain code language, ROSE is coded as 51 and WAX is coded as 33. How will FOX be coded in that language?

- Ans
- 1. 40
 - 2. 31
 - 3. 35
 - 4. 36

Q2 In a certain code language, 'WBRP' is coded as '59' and 'MSAQ' is coded as '50'. How will 'FUZJ' be coded in that language?

- Ans
- 1. 58
 - 2. 54
 - 3. 69
 - 4. 63

Q3 In a certain code language,
A + B means 'A is the mother of B'
A - B means 'A is the brother of B'
A × B means 'A is the wife of B'
A # B means 'A is the father of B'
Based on the above, how is W related to P if 'W - V + T # R × S - P'?

- Ans
- 1. Brother's wife's father's mother's father
 - 2. Wife's father's mother's father
 - 3. Wife's father's mother's brother
 - 4. Brother's wife's father's mother's brother

Q4 Which two signs should be interchanged to make the given equation correct?
 $289 + 17 \times 12 \div 216 - 300 = 120$

- Ans
- 1. + and +
 - 2. - and +
 - 3. + and ×
 - 4. ÷ and -

Q5 In a certain code language, 'CAN' is written as '63', and 'TWO' is written as '23'. How will 'USE' be written in that language?

- Ans
- 1. 36
 - 2. 33
 - 3. 43
 - 4. 51

Q6 Select the letter from among the given options that can replace the question mark (?) in the following series.
Y, W, T, P, K, ?

- Ans
- 1. F
 - 2. G
 - 3. H
 - 4. E

Q.7 In a certain code language,

'A + B' means 'A is the mother of B',

'A - B' means 'A is the brother of B',

'A × B' means 'A is the wife of B',

'A ÷ B' means 'A is the father of B'.

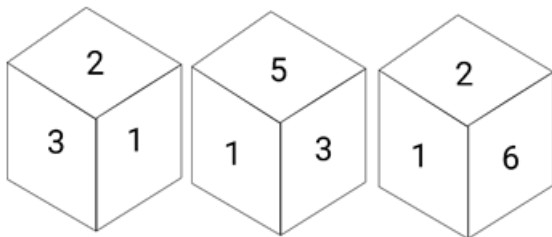
Based on the above information, how is R's daughter related to T if 'P + Q ÷ R × S - T ÷ U'?

- Ans
- 1. Brother's son
 - 2. Brother's father`
 - 3. Brother's daughter
 - 4. Brother's wife

Q.8 In a certain code language, 'you were there' is coded as 'pu sg ka' and 'there are branches' is coded as 'sg np tu'. How is 'there' coded in the given language?

- Ans
- 1. pu
 - 2. sg
 - 3. np
 - 4. ka

Q.9 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Three positions of this dice are shown in the given figure. Find the number on the face opposite to the number 3.



- Ans
- 1. 2
 - 2. 6
 - 3. 1
 - 4. 4

Q.10 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Campus
2. Calendar
3. Capture
4. Capital
5. Calculate

- Ans
- 1. 5, 2, 1, 4, 3
 - 2. 5, 3, 2, 1, 4
 - 3. 3, 2, 1, 4, 5
 - 4. 3, 5, 4, 2, 1

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word.
(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)
North America : Mexico :: South America : ?

- Ans
- 1. Venezuela
 - 2. Jamaica
 - 3. Frankfurt
 - 4. Cranberry

Q.12 26 is related to 12 following a certain logic. Following the same logic, 36 is related to 18. Which of the following is related to 20 using the same logic?

- Ans
- 1. 42
 - 2. 45
 - 3. 53
 - 4. 35

Q.13 Select the option that is related to the fifth letter cluster in the same way as the second letter cluster is related to the first letter cluster and the fourth letter cluster is related to the third letter cluster.
SCATTER : TBBSUDS :: RESPECT : SDTOFBU :: SUCCESS : ?

- Ans
- 1. RTBDFTR
 - 2. TTDBFRT
 - 3. TTDBFTR
 - 4. TTBDFTR

Q.14 In a certain code language, 'break the wall' is written as 'jl mt hk' and 'wall is black' is written as 'zy hk bs'. How is 'wall' written in the given language?

- Ans
- 1. bs
 - 2. zy
 - 3. jl
 - 4. hk

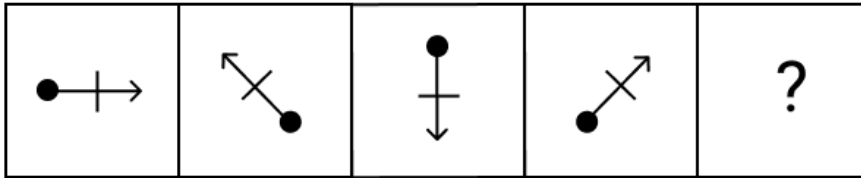
Q.15 In a code language, 'THENW' is coded as 'WNEHT' and 'HOVER' is coded as 'REVOH'. How will 'SWAMP' be coded in the same language?

- Ans
- 1. PAWMS
 - 2. PWAMS
 - 3. PMAWS
 - 4. PMBWS

Q.16 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.
SPEAK : ROIEJ :: THEIR : SGIOQ :: BEING : ?

- Ans
- 1. BIONF
 - 2. AIOMF
 - 3. AIONF
 - 4. BOINF

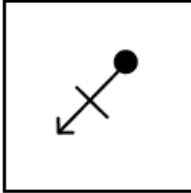
Q.17 Identify the figure which when put in place of the question mark (?) will logically complete the series.



Ans

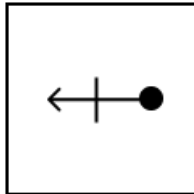
1.

✗



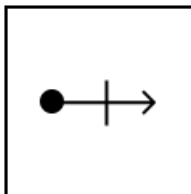
2.

✓



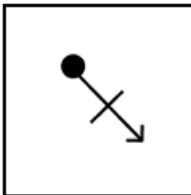
3.

✗

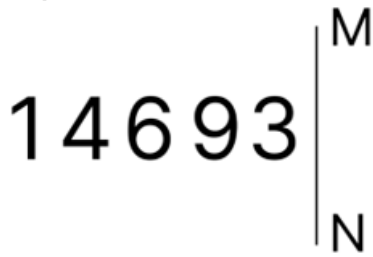


4.

✗



Q.18 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



- Ans
- 1. 39641
 - 2. 14093
 - 3. 1400E
 - 4. E0041

Q.19 Select the number from among the given options that can replace the question mark (?) in the following series.
15, 20, 45, 170, ?

- Ans
- 1. 840
 - 2. 795
 - 3. 520
 - 4. 645

Q.20 Select the option that is related to the third word in the same way as the second word is related to the first word
Metal : Ore :: Rubber : ?

- Ans
- 1. Jute
 - 2. Fibre
 - 3. Latex
 - 4. Flare

Q.21 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

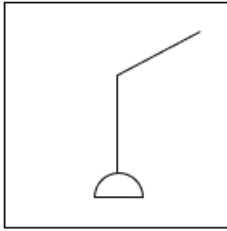
All motors are ships.
Some ships are bowls.
No ship is a hammer.

Conclusions:

(I) Some motors are hammers.
(II) Some bowls are motors.
(III) Some bowls are not hammers.

- Ans
- 1. Only conclusion III follows
 - 2. Only conclusion I follows
 - 3. All the conclusions I, II and III follow
 - 4. Either conclusion I or conclusion III follows

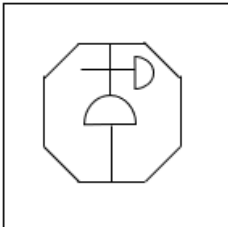
Q.22 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



(X)

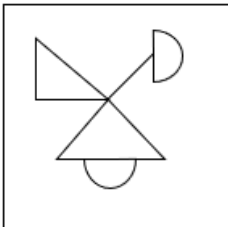
Ans

1.



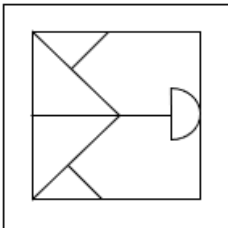
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2.



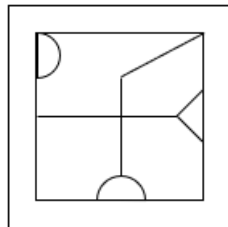
✗

3.



✗

4.



✓

Q.23 Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

1. Fox
2. Lion
3. Caterpillar
4. Leaf
5. Bird

Ans

✓ 1. 4, 3, 5, 1, 2

✗ 2. 4, 3, 1, 2, 5

✗ 3. 3, 4, 5, 1, 2

✗ 4. 1, 2, 5, 3, 4

Q.24 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

P _ P _ _ B _ _ P B _ _

- Ans
- 1. PPBBBPP
 - 2. BPBBPPB
 - 3. PBBBBPB
 - 4. BPPPPPP

Q.25 Three statements are given, followed by Two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some markers are frogs.

All frogs are combs.

No comb is a stove.

Conclusions:

I. All markers being stove is a possibility.

II. Some combs are markers.

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

Section : General Awareness

Q.1 In October 2020, which of the following Ministries launched the Ayushman Sahakar Scheme, to assist cooperatives in the creation of healthcare infrastructure?

- Ans
- 1. Ministry of Health and Family Welfare
 - 2. Ministry of Agriculture and Farmers Welfare
 - 3. Ministry of Corporate Affairs
 - 4. Ministry of Commerce and Industry

Q.2 Compounds like gingerol, paradol, shogaols and zingerone are:

- Ans
- 1. antifungal compounds found in ginger
 - 2. antimicrobial compounds found in citrus fruits
 - 3. antimicrobial compounds found in ginger
 - 4. antimicrobial compounds found in turmeric

Q.3 Sir Garfield Sobers Trophy is related to which of the following sports events?

- Ans
- 1. Tennis
 - 2. Football
 - 3. Hockey
 - 4. Cricket

Q.4 The battle of Plassey was fought between the East India Company, force headed by Robert Clive, and the Nawab of Bengal, _____ in 1757.

- Ans
- 1. Mir Jafar
 - 2. Siraj-Ud-Daulah
 - 3. Mir Qasim
 - 4. Shah Alam

Q.5 Which of the following Union territories has the lowest population as per census 2011?

- Ans
- 1. Dadra and Nagar Haveli
 - 2. Lakshadweep
 - 3. Daman and Diu
 - 4. Andaman and Nicobar

Q.6 Which of the following Sultans of Delhi set up the officers like Barid (intelligence officer) and Munhiyas (secret spies) to control the market?

- Ans
- 1. Alauddin Khalji
 - 2. Ghiyasuddin Balban
 - 3. Muhammad Bin Tughlaq
 - 4. Shamsuddin Iltutmish

Q.7 According to the global Multidimensional Poverty Index (MPI) 2021, India's rank is _____ out of 109 countries.

- Ans
- 1. 101
 - 2. 66
 - 3. 63
 - 4. 98

Q.8 Which Article of the Indian Constitution mentions that every religious denomination or section shall have the right to own and acquire movable and immovable property?

- Ans
- 1. Article 26(c)
 - 2. Article 26(b)
 - 3. Article 26(a)
 - 4. Article 26(d)

Q.9 Flowerless plants, naked seeds, needle like leaves and cones as reproductive structure are the characteristics of:

- Ans
- 1. bryophyta
 - 2. gymnosperms
 - 3. angiosperms
 - 4. pteridophyta

Q.10 'Moatsu' is a religious festival celebrated in which of the following states?

- Ans
- 1. Himachal Pradesh
 - 2. Mizoram
 - 3. Nagaland
 - 4. Chhattisgarh

Q.11 Sangeet Natak Akademi Award winner Deepak Mazumdar is an exponent of _____.

- Ans
- 1. Sattriya
 - 2. Bharatanatyam
 - 3. Kuchipudi
 - 4. Manipuri

Q.12 The historical Sher Shah Suri Marg is called the National Highway no. _____ between Delhi and Amritsar.

- Ans
- 1. 7
 - 2. 3
 - 3. 9
 - 4. 1

Q.13 What is the annual income threshold for parents of government school students to enrol in private schools under the 'Chirag' scheme in Haryana?

- Ans
- 1. Less than ₹1 lakh
 - 2. Less than ₹50,000
 - 3. Less than ₹2 lakh
 - 4. Less than ₹1.8 lakh

Q.14 Vedantam Satyanarayana Sarma is associated with which of these dances?

- Ans
- 1. Manipuri
 - 2. Kuchipudi
 - 3. Bharatanatyam
 - 4. Kathak

Q.15 The first musician to be awarded with the highest civilian award of India, the 'Bharat Ratna' was _____.

- Ans
- 1. Madurai Mani Iyer
 - 2. Lalitha Venkataraman
 - 3. MS Subbulakshmi
 - 4. Sudha Raganathan

Q.16 Who among the following was one of the founders of the Swaraj Party?

- Ans
- 1. Jawahar Lal Nehru
 - 2. Chittaranjan Das
 - 3. Bal Gangadhar Tilak
 - 4. Subhas Chandra Bose

Q.17 In which of the following states of India is the largest salt water lake, the Chilika lake, located?

- Ans
- 1. Tamil Nadu
 - 2. Odisha
 - 3. Kerala
 - 4. Andhra Pradesh

Q.18 Which of the following is the earliest literary record of Indian culture?

- Ans
- 1. Yajurveda
 - 2. Rigveda
 - 3. Atharvaveda
 - 4. Samaveda

Q.19 As of July 2023, who is the governor of Uttar Pradesh?

- Ans
- 1. Sudarshan Agarwal
 - 2. Anandiben Patel
 - 3. Ram Naik
 - 4. TV Rajeswar

Q.20 When did the United Nations declare the World Physics Year, also known as the Einstein Year, to mark the 100th anniversary of the physicist Albert Einstein?

- Ans
- 1. 2006
 - 2. 2005
 - 3. 2004
 - 4. 2002

Q21 The Trimbakeshwar Temple, which is situated in Nashik, Maharashtra, was built by:

- Ans
- 1. Balaji Baji Rao
 - 2. Maharaja Ganga Singh
 - 3. Shivaji
 - 4. Maharana Pratap

Q22 Which Article of the Indian Constitution mentions that 'In the performance of his/her duties, the Attorney-General for India shall have the right of audience in all the courts in the territory of India'?

- Ans
- 1. Article 76(2)
 - 2. Article 76(1)
 - 3. Article 76(3)
 - 4. Article 76(4)

Q23 According to the Koppen climate classification system, 'Am' is the code for which type of climate?

- Ans
- 1. Humid subtropical climate
 - 2. Marine west coast climate
 - 3. Tropical monsoon climate
 - 4. Tropical wet and dry climate

Q24 Under which Schedule of the Indian Constitution is the form of oath or affirmation for a Judge of the Supreme Court mentioned?

- Ans
- 1. Second Schedule
 - 2. Fourth Schedule
 - 3. First Schedule
 - 4. Third Schedule

Q25 Which of the following is the autobiography of Abul Kalam Azad, the first Education Minister of free India?

- Ans
- 1. The Test of My Life
 - 2. Unbreakable
 - 3. India Wins Freedom
 - 4. The Road Ahead

Section : Quantitative Aptitude

Q1 A wrist watch was purchased for ₹3,000 and sold for ₹3,500. Find the profit percentage.

- Ans
- 1. 20.50%
 - 2. 18.33%
 - 3. 16.66%
 - 4. 19.58%

Q2 Find the area (in cm^2) of a circle with a maximum radius that can be inscribed in a rectangle of length 18 cm and breadth 12 cm.

- Ans
- 1. 28π
 - 2. 36π
 - 3. 136π
 - 4. 72π

Q3 Simplify the following expression:

$$\frac{0.7^2 + (0.4 + 0.2)(0.7) + (0.4 \times 0.2)}{(0.7 + 0.4)}$$

- Ans
- 1. 0.4
 - 2. 0.7
 - 3. 0.3
 - 4. 0.9

Q4 If x^2-1 , $2x$ and x^2+1 are the three sides of a right angled triangle, then which of the following can be its hypotenuse?

- Ans
- 1. $x^2 - 1$
 - 2. $x^2 + 1$
 - 3. x^2
 - 4. $2x$

Q5 The area of a sector of a circle is 88 cm^2 and the angle of the sector is 36° . Find the radius (in cm) of the circle. [Use $\pi = \frac{22}{7}$.]

- Ans
- 1. $3\sqrt{70}$
 - 2. $5\sqrt{70}$
 - 3. $\sqrt{70}$
 - 4. $2\sqrt{70}$

Q6 Which of the following numbers is divisible by 9?

- Ans
- 1. 132490
 - 2. 553986
 - 3. 941201
 - 4. 350846

Q7 A sum of ₹1,250 is lent on simple interest at a rate of $5\frac{1}{2}\%$ per annum for three years. Find the interest (in ₹).

- Ans
- 1. 206.25
 - 2. 200.00
 - 3. 215.75
 - 4. 210.25

Q8 The average of 12 numbers is 47. The average of the first 5 numbers is 45 and the average of the next 4 numbers is 52. If the 10th number is 10 less than the 11th number and is 5 more than the 12th number, then what is the average value of the 11th and 12th numbers?

- Ans
- 1. 46.5
 - 2. 47.5
 - 3. 44.5
 - 4. 42.5

Q9 If the semi-perimeter and area of a rectangular field whose length and breadth are 'x' and 'y' is 12 cm and 28 cm^2 , respectively, then find the value of $x^4 + x^2y^2 + y^4$.

- Ans
- 1. 6609
 - 2. 6906
 - 3. 6960
 - 4. 6690

Q.10 The area of the rhombus (in cm^2) having each side equal to 13 cm and one of its diagonals equal to 24 cm is:

- Ans
- 1. 60
 - 2. 130
 - 3. 110
 - 4. 120

Q.11 If $\sin A + \cos A = \frac{4}{3}$, then find the value of $\tan A + \cot A$.

- Ans
- 1. $\frac{7}{18}$
 - 2. $\frac{18}{7}$
 - 3. $\frac{3}{4}$
 - 4. $\frac{4}{3}$

Q.12 If a 9-digit number $389x6378y$ is divisible by 72, then the value of $6x + 7y$ is:

- Ans
- 1. 16
 - 2. 28
 - 3. 64
 - 4. 32

Q.13 If $\tan \theta + \cot \theta = 2$, then find the value of $\tan^{53} \theta + \cot^{38} \theta$.

- Ans
- 1. 0
 - 2. 2
 - 3. 1
 - 4. -1

Q.14 In a 150-m race, if R gets a 5-metre head start, then he would beat S by 35 metres. If S gets a 25-metre head start in a 100-metre race, then _____ would win the race by _____ metres.

- Ans
- 1. S; 5.44
 - 2. S; 4.44
 - 3. R; 5.44
 - 4. R; 4.44

Q.15 Eight labourers working 10 hours a day completed a work in 18 days. If only 5 labourers are working, then in how many hours a day should they work to finish the work in 24 days?

- Ans
- 1. 10 hours
 - 2. 12 hours
 - 3. 8 hours
 - 4. 9 hours

Q.16 If $A : B = 8 : 13$, $B : C = 5 : 8$ and $C : D = 4 : 5$, then $A : B : C : D$ is equal to:

- Ans
- 1. 20 : 50 : 105 : 119
 - 2. 40 : 65 : 104 : 130
 - 3. 40 : 60 : 103 : 112
 - 4. 38 : 65 : 111 : 120

Q.17 The median AD of a triangle ABC is produced and a perpendicular CF is dropped on it. BE is perpendicular to AD. If BC = 34 cm and DF = 8 cm, what is the length (in cm) of BE?

- Ans
- 1. 9
 - 2. 17
 - 3. 15
 - 4. 19

Q.18 Reyhan purchased a laptop for ₹56,000 and a scanner-cum-printer for ₹22,000. He sold the laptop for a 20% profit and the scanner-cum-printer for a 15% profit. What is his profit percentage?

- Ans
- 1. $18\frac{23}{39}$
 - 2. $18\frac{21}{37}$
 - 3. $12\frac{21}{37}$
 - 4. $12\frac{23}{39}$

Q.19 Which of the following schemes will yield maximum discount on purchase of ₹x?

- 1) 2 successive discounts of 25% and 15%
- 2) Single discount of 20%
- 3) 2 free on purchase of 3 items
- 4) 3 free on purchase of 7 items

- Ans
- 1. Scheme 2
 - 2. Scheme 4
 - 3. Scheme 3
 - 4. Scheme 1

Q.20 Simplify the expression $(0.3-0.2)(0.3^2+0.3\times 0.2+0.2^2)$.

- Ans
- 1. 0.019
 - 2. 0.053
 - 3. 0.027
 - 4. 0.035

Q.21 A truck travels 75 km in the first hour and 33 km in the second hour. Find the average speed of the truck (in km/h).

- Ans
- 1. 60
 - 2. 54
 - 3. 108
 - 4. 42

Q.22 PQ is a diameter of a circle and PS is a chord. If PQ is 82 cm and PS is 80 cm, the distance (in cm) of PS from the center of the circle is:

- Ans
- 1. 18
 - 2. 9
 - 3. 24
 - 4. 39

Q.23 Ramesh spends 60% of his income. If his income is increased by 30% and his expenditure is increased by 20%, then the percentage increase in the savings of Ramesh will be:

- Ans
- 1. 35%
 - 2. 45%
 - 3. 30%
 - 4. 50%

Q.24 In an election, there were only two candidates. 12% of the voters did not cast their votes. The winner by obtaining 60% of the total votes defeated his opposite contestant by 1200 votes. Find the total number of votes.

- Ans
- 1. 4000
 - 2. 3750
 - 3. 3570
 - 4. 5730

Q.25 A and B can do a work in 15 days and 30 days, respectively. They start working together, but A leaves after 3 days. How much time will B take to complete the remaining work?

- Ans
- 1. 21 days
 - 2. 24 days
 - 3. 32 days
 - 4. 28 days

Section : English Language

Q.1 Select the option that expresses the given sentence in active voice.
The animals were frightened by the noise.

- Ans
- 1. The animals frightened the noise.
 - 2. The noise had frightened the animals.
 - 3. The noise frightened the animals.
 - 4. The noise frightened the animal.

Q.2 Select the option that expresses the given sentence in indirect speech.
The employee said, "I somehow managed to submit the project last night."

- Ans
- 1. The employee said that he had somehow managed to submit the project the previous night.
 - 2. The employee said that he had somehow managed to submit the project last night.
 - 3. The employee said that I have somehow managed to submit the project last night.
 - 4. The employee said that I somehow managed to submit the project the previous night.

Q.3 Select the most appropriate synonym of the given word.
Envoy

- Ans
- 1. Ambassador
 - 2. Carrier
 - 3. Chief
 - 4. Receiver

Q4 Select the most appropriate option to fill in the blank.

It is a proven fact that _____ living being can survive without water.

- Ans
- 1. none
 - 2. no
 - 3. any
 - 4. neither

Q5 Parts of the following sentence have been given as options. Select the option that contains an error.

King Solomon of Israel is said to be one of a wisest man who ruled the earth.

- Ans
- 1. King Solomon of Israel
 - 2. who ruled the earth.
 - 3. is said to be one
 - 4. of a wisest man

Q6 Select the most appropriate meaning of the underlined idiom.

We should teach our wards not to look down upon anybody in human society.

- Ans
- 1. Kneel down
 - 2. Guess on something
 - 3. Despise somebody
 - 4. Talk leniently

Q7 In the following sentence, four words are given in underlined out of which one word is misspelt. Identify the INCORRECTLY spelt word. And so he was (A), for, as she laughed (B) and talked, Jo had whiskd (C) things into place and given quite (D) a different air to the room.

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

Q8 Parts of the following sentence have been given as options. Select the option that contains an error.

He was consulted seldom by his colleagues while making important decisions on financial matters.

- Ans
- 1. decisions on financial matters.
 - 2. He was consulted seldom
 - 3. while making important
 - 4. by his colleagues

Q9 Select the option that can be used as a one-word substitute for the given group of words.

A person who investigates, reports on, and helps settle complaints

- Ans
- 1. Bildungsroman
 - 2. Spokesman
 - 3. Superhuman
 - 4. Ombudsman

Q.10 Select the most appropriate ANTONYM of the underlined word in the following sentence.

The students were asked to assemble in the meeting hall.

- Ans
- 1. Collect
 - 2. Gather
 - 3. Dispersed
 - 4. Put together

Q.11 Select the option that expresses the given sentence in direct speech.

The teacher said that plants have life in them.

- Ans
- 1. The teacher says, "A plant has life in them."
 - 2. The teacher said, "Plants have life in them."
 - 3. The teacher said, "Plants too have life in them."
 - 4. The teacher said, "The plants had life in them."

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

I have been yet to go to the flower exhibition at Delhi University.

- Ans
- 1. had been yet
 - 2. have yet being
 - 3. have yet
 - 4. have yet been

Q.13 Select the INCORRECTLY spelt word.

- Ans
- 1. Experience
 - 2. Noticeable
 - 3. Intterupt
 - 4. Commodity

Q.14 Select the most appropriate ANTONYM of the underlined word in the given sentence.

The bowler signalled the wicket-keeper to catch the ball.

- Ans
- 1. Give
 - 2. Change
 - 3. Drop
 - 4. Throw

Q.15 Select the option that expresses the given sentence in active voice.

English will be taught by Mr. Jha.

- Ans
- 1. Mr. Jha will teach English.
 - 2. Mr. Jha would teach English.
 - 3. Mr. Jha teaches English.
 - 4. English would be taught by Mr. Jha.

Comprehension:

In the following passage some words have been deleted, Fill in the blanks with the help of alternatives given. Select the most appropriate option for each number.

The roots of some plants get swollen with the (1) _____ of storage food which can be used as vegetables. The plants which have such roots are called root crops. These are (2) _____ staple foods with (3) _____ giving carbohydrates. These also have large water (4) _____. Some (5) _____ are carrots, beetroots, radishes, turnip, sweet potato etc.

SubQuestion No : 16

Q.16 Select the most appropriate option to fill in blank number 1.

- Ans 1. presence
 2. occupancy
 3. residence
 4. existence

Comprehension:

In the following passage some words have been deleted, Fill in the blanks with the help of alternatives given. Select the most appropriate option for each number.

The roots of some plants get swollen with the (1) _____ of storage food which can be used as vegetables. The plants which have such roots are called root crops. These are (2) _____ staple foods with (3) _____ giving carbohydrates. These also have large water (4) _____. Some (5) _____ are carrots, beetroots, radishes, turnip, sweet potato etc.

SubQuestion No : 17

Q.17 Select the most appropriate option to fill in blank number 2.

- Ans 1. nutritious
 2. unhealthy
 3. fattening
 4. peptic

Comprehension:

In the following passage some words have been deleted, Fill in the blanks with the help of alternatives given. Select the most appropriate option for each number.

The roots of some plants get swollen with the (1) _____ of storage food which can be used as vegetables. The plants which have such roots are called root crops. These are (2) _____ staple foods with (3) _____ giving carbohydrates. These also have large water (4) _____. Some (5) _____ are carrots, beetroots, radishes, turnip, sweet potato etc.

SubQuestion No : 18

Q.18 Select the most appropriate option to fill in blank number 3.

- Ans 1. capacity
 2. energy
 3. strength
 4. power

Comprehension:

In the following passage some words have been deleted, Fill in the blanks with the help of alternatives given. Select the most appropriate option for each number.

The roots of some plants get swollen with the (1) _____ of storage food which can be used as vegetables. The plants which have such roots are called root crops. These are (2) _____ staple foods with (3) _____ giving carbohydrates. These also have large water (4) _____. Some (5) _____ are carrots, beetroots, radishes, turnip, sweet potato etc.

SubQuestion No : 19

Q.19 Select the most appropriate option to fill in blank number 4

- Ans
- 1. utility
 - 2. gain
 - 3. content
 - 4. worth

Comprehension:

In the following passage some words have been deleted, Fill in the blanks with the help of alternatives given. Select the most appropriate option for each number.

The roots of some plants get swollen with the (1) _____ of storage food which can be used as vegetables. The plants which have such roots are called root crops. These are (2) _____ staple foods with (3) _____ giving carbohydrates. These also have large water (4) _____. Some (5) _____ are carrots, beetroots, radishes, turnip, sweet potato etc.

SubQuestion No : 20

Q.20 Select the most appropriate option to fill in blank number 5.

- Ans
- 1. samples
 - 2. case
 - 3. illustration
 - 4. examples

Comprehension:

Read the given passage and answer the questions that follow.

The advancement of science has brought about profound changes in every aspect of our lives, from medical treatment to the way we communicate. The capacity of artificial intelligence, sometimes known as AI, to accomplish jobs that previously required human intellect has caused a revolution in a number of different sectors. The altering of organisms' genetic composition, which is made possible through genetic engineering, provides answers for issues relating to food security and renewable energy. Technologies that utilise renewable energy sources, such as solar panels and wind turbines, help to lower the emissions of greenhouse gases. Manufacturing has been radically altered with the introduction of 3D printing, and the Internet of Things (IoT) has enabled better resource management via the connection of previously disconnected ordinary products. Because of the tremendous effects these technologies have on society, their use must be carefully considered from an ethical standpoint.

SubQuestion No : 21

Q.21 According to the passage, by linking which sort of products do the Internet of Things (IoT) provide improved resource management?

- Ans
- 1. Artificial Intelligence (AI) technologies
 - 2. 3D printing technologies
 - 3. Previously disconnected ordinary products
 - 4. Renewable energy technologies

Comprehension:

Read the given passage and answer the questions that follow.

The advancement of science has brought about profound changes in every aspect of our lives, from medical treatment to the way we communicate. The capacity of artificial intelligence, sometimes known as AI, to accomplish jobs that previously required human intellect has caused a revolution in a number of different sectors. The altering of organisms' genetic composition, which is made possible through genetic engineering, provides answers for issues relating to food security and renewable energy. Technologies that utilise renewable energy sources, such as solar panels and wind turbines, help to lower the emissions of greenhouse gases. Manufacturing has been radically altered with the introduction of 3D printing, and the Internet of Things (IoT) has enabled better resource management via the connection of previously disconnected ordinary products. Because of the tremendous effects these technologies have on society, their use must be carefully considered from an ethical standpoint.

SubQuestion No : 22

Q.22 Which of the following best captures the underlying theme of the passage?

- Ans**
- 1. The connection between renewable energy and greenhouse gas emissions
 - 2. The ethical considerations of artificial intelligence (AI) in society
 - 3. The impact of scientific advancements on medical treatment
 - 4. The transformative power of technology in tourism sector

Comprehension:

Read the given passage and answer the questions that follow.

The advancement of science has brought about profound changes in every aspect of our lives, from medical treatment to the way we communicate. The capacity of artificial intelligence, sometimes known as AI, to accomplish jobs that previously required human intellect has caused a revolution in a number of different sectors. The altering of organisms' genetic composition, which is made possible through genetic engineering, provides answers for issues relating to food security and renewable energy. Technologies that utilise renewable energy sources, such as solar panels and wind turbines, help to lower the emissions of greenhouse gases. Manufacturing has been radically altered with the introduction of 3D printing, and the Internet of Things (IoT) has enabled better resource management via the connection of previously disconnected ordinary products. Because of the tremendous effects these technologies have on society, their use must be carefully considered from an ethical standpoint.

SubQuestion No : 23

Q.23 Which of the following statements concerning the effects of scientific advancements may be derived from the passage?

- Ans**
- 1. There is no longer any need for human intelligence since AI has taken over every field.
 - 2. Scientific innovations have the potential to revolutionise various sectors and improve efficiency in society.
 - 3. The only way to solve problems with food security and renewable energy is through genetic engineering.
 - 4. The development of renewable energy technologies has led to a complete elimination of greenhouse gas emissions.

Comprehension:

Read the given passage and answer the questions that follow.

The advancement of science has brought about profound changes in every aspect of our lives, from medical treatment to the way we communicate. The capacity of artificial intelligence, sometimes known as AI, to accomplish jobs that previously required human intellect has caused a revolution in a number of different sectors. The altering of organisms' genetic composition, which is made possible through genetic engineering, provides answers for issues relating to food security and renewable energy. Technologies that utilise renewable energy sources, such as solar panels and wind turbines, help to lower the emissions of greenhouse gases. Manufacturing has been radically altered with the introduction of 3D printing, and the Internet of Things (IoT) has enabled better resource management via the connection of previously disconnected ordinary products. Because of the tremendous effects these technologies have on society, their use must be carefully considered from an ethical standpoint.

SubQuestion No : 24

Q.24 Which technologies are stated in the text as utilising renewable or green energy sources?

- Ans
- 1. Medical treatment and communication
 - 2. Genetic engineering and 3D printing
 - 3. Artificial Intelligence (AI) and the Internet of Things (IoT)
 - 4. Solar panels and wind turbines

Comprehension:

Read the given passage and answer the questions that follow.

The advancement of science has brought about profound changes in every aspect of our lives, from medical treatment to the way we communicate. The capacity of artificial intelligence, sometimes known as AI, to accomplish jobs that previously required human intellect has caused a revolution in a number of different sectors. The altering of organisms' genetic composition, which is made possible through genetic engineering, provides answers for issues relating to food security and renewable energy. Technologies that utilise renewable energy sources, such as solar panels and wind turbines, help to lower the emissions of greenhouse gases. Manufacturing has been radically altered with the introduction of 3D printing, and the Internet of Things (IoT) has enabled better resource management via the connection of previously disconnected ordinary products. Because of the tremendous effects these technologies have on society, their use must be carefully considered from an ethical standpoint.

SubQuestion No : 25

Q.25 According to the paragraph, which phrase describes computers capacity to undertake human-intelligence-based tasks?

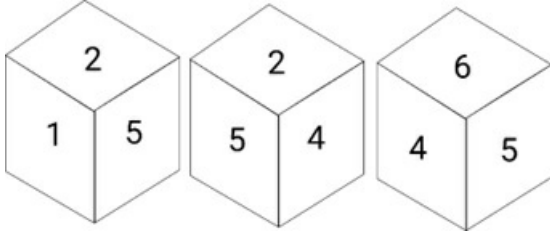
- Ans
- 1. Artificial Intelligence
 - 2. Profound
 - 3. Revolution
 - 4. Communication

Selection Post Examination Phase XII 2024

Exam Date	21/06/2024
Exam Time	2:30 PM - 3:30 PM
Subject	Selection Post Graduate level

Section : General Intelligence

Q1 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Three different positions of the same dice are shown. Select the number on the face opposite to the one having 1.

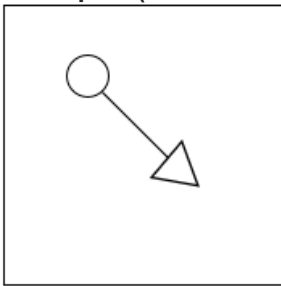


- Ans
- 1. 3
 - 2. 2
 - 3. 4
 - 4. 6

Q2 In a certain code language, 'RUB' is written as '22118', and 'SOW' is written as '231519'. How will 'WHY' be written in that language?

- Ans
- 1. 23825
 - 2. 25823
 - 3. 25103
 - 4. 231024

Q3 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

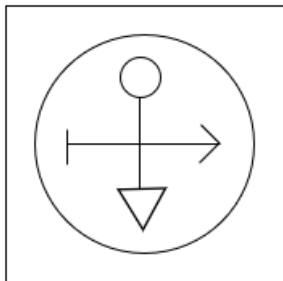


(X)

Ans

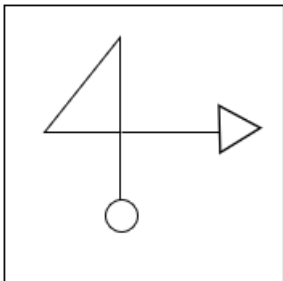
1.

✗



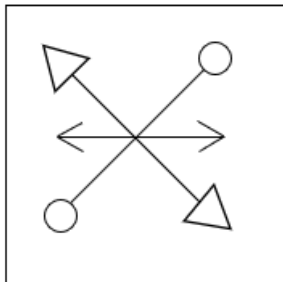
2.

✗



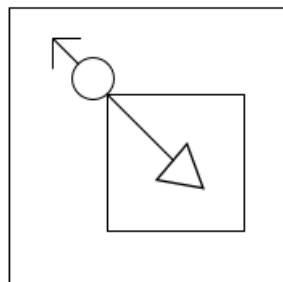
3.

✗



4.

✓



Q4 Which two signs should be interchanged to make the given equation correct?

$$152 + 8 \times 16 \div 9 - 4 = 309$$

Ans

✗ 1. ÷ and -

✓ 2. ÷ and +

✗ 3. + and ×

✗ 4. - and +

Q5 In a certain code language, 'REO' is coded as '22919' and 'BVL' is coded as '62616'. How will 'DUX' be coded in that language?

- Ans
- 1. 74617
 - 2. 82528
 - 3. 72467
 - 4. 83536

Q6 In a certain code language,
 A + B means 'A is the mother of B'
 A - B means 'A is the brother of B'
 A × B means 'A is the wife of B'
 A # B means 'A is the father of B'
 Based on the above, how is W related to P if 'W × V # T - R + S × P'?

- Ans
- 1. Wife's mother's mother
 - 2. Wife's mother
 - 3. Wife's mother's sister's daughter
 - 4. Wife's mother's sister

Q7 Select the option that is related to the fifth letter cluster in the same way as the second letter cluster is related to the first letter cluster and the fourth letter cluster is related to the third letter cluster.

FOREIGN: ROFNGIE :: PRODUCT : ORPTCUD :: BENEFIT : ?

- Ans
- 1. NEBTIEF
 - 2. NEBTIFE
 - 3. NEBETIF
 - 4. NEBFITE

Q8 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



- Ans
- 1.
 - 2.
 - 3.
 - 4.

Q9 Select the number from among the given options that can replace the question mark (?) in the following series.

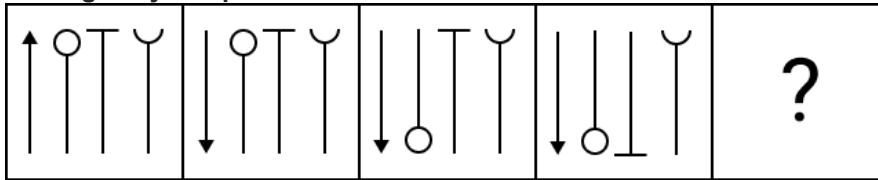
24.9, 23.6, 21, 17.1, ?, 5.4

- Ans
- 1. 11.9
 - 2. 12.1
 - 3. 9.6
 - 4. 10.5

Q.10 In a certain code language, 'how are you' is coded as 'df yt ui' and 'trees are tall' is coded as 'ui hk op'. How will 'are' be coded in that language?

- Ans
- ✓ 1. ui
 - ✗ 2. df
 - ✗ 3. yt
 - ✗ 4. hk

Q.11 Identify the figure which when put in place of the question mark (?) will logically complete the series.



- Ans
- 1. ✗
 - 2. ✗
 - 3. ✗
 - 4. ✓

Q.12 In a certain code language, 'i like apple' is coded as 'rt gf po' and 'you like orange' is coded as 'po bv sd'. How will 'like' be coded in that language?

- Ans
- ✗ 1. sd
 - ✗ 2. gf
 - ✓ 3. po
 - ✗ 4. bv

Q.13 Select the option that is related to the third word in the same way as the second word is related to the first word.

(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)
Odisha : Odia :: Kerala : ?

- Ans
- ✓ 1. Malayalam
 - ✗ 2. Hindi
 - ✗ 3. English
 - ✗ 4. Tamil

Q.14 Select the option that is related to the third word in the same way as the second word is related to the first word
Sahara : Libya :: Gobi : ?

- Ans
- 1. Afghanistan
 - 2. India
 - 3. China
 - 4. Uzbekistan

Q.15 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.
_yz_zx_xyx_z_zxzx_

- Ans
- 1. xyxzxy
 - 2. zxyxyy
 - 3. xyzyyy
 - 4. xyzzxy

Q.16 In a certain code language, some statements are coded as given.
1. "Economy growth level down" is coded as "77 42 11 36".
2. "Slow percentage rate range" is coded as "55 91 23 82".
3. "Economy growth rate index range" is coded as "77 64 91 11 82".
4. "Economy range level down" is coded as "36 11 42 82".
What is the code for "55 11 77 23 91"?

- Ans
- 1. Slow growth economy percentage range
 - 2. Economy down growth rate slow
 - 3. Slow economy growth percentage rate
 - 4. Slow percentage economy growth index

Q.17 Select the option that is related to the third word in the same way as the second word is related to the first word.
(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)
Clown : Circus :: Doctor : ?

- Ans
- 1. Medicine
 - 2. Patient
 - 3. Hospital
 - 4. Operation

Q.18 9 is related to 16 following a certain logic. Following the same logic, 25 is related to 36. To which of the following is 81 related using the same logic?

- Ans
- 1. 100
 - 2. 77
 - 3. 49
 - 4. 121

Q.19 Select the combination of letters that when sequentially placed from left to right in the blanks of the given series will complete the letter series.

A _ _ O U A E I _ _ A _ I _ U A E _ O _

- Ans
- 1. E I O U E O I U
 - 2. E I U O E O I U
 - 3. E I O U O E U I
 - 4. E I U O O E I U

Q.20 Three statements are given, followed by Two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some fractions are marts.

No mart is a stud.

All studs are frogs.

Conclusions:

I. Some fractions are definitely not studs.

II. Some fractions are definitely not marts.

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

Q.21 In a certain code language, 'ASK' is written as '100', and 'BAG' is written as '142'. How will 'DIE' be written in that language?

- Ans
- 1. 134
 - 2. 118
 - 3. 144
 - 4. 126

Q.22 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Seed
2. Tree
3. Furniture
4. Wood
5. Plant

- Ans
- 1. 1, 2, 5, 4, 3
 - 2. 1, 5, 2, 4, 3
 - 3. 1, 5, 4, 2, 3
 - 4. 1, 5, 2, 3, 4

Q.23 In a certain code language,

'A + B' means 'A is the mother of B',

'A - B' means 'A is the brother of B',

'A × B' means 'A is the wife of B',

'A ÷ B' means 'A is the father of B'.

Based on the above information, how is R related to P if 'P + Q ÷ R × S - T ÷ U'?

- Ans
- 1. Son's sister
 - 2. Son's wife
 - 3. Son's son
 - 4. Son's daughter

Q24 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

All eggs are oats.

All oats are buckets.

All buckets are plastics.

Conclusions:

(I) All buckets are eggs.

(II) Some plastics are oats.

(III) All plastics are buckets.

Ans 1. Either conclusion I or conclusion III follows

2. All the conclusions I, II and III follow

3. Only conclusion II follows

4. Only conclusion I follows

Q25 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Language

2. Landlord

3. Laugh

4. Landing

5. Latter

Ans 1. 4, 1, 2, 5, 3

2. 3, 1, 2, 5, 4

3. 3, 2, 1, 5, 4

4. 4, 2, 1, 5, 3

Section : General Awareness

Q.1 An argon positive ion fired towards east gets deflected towards south by a magnetic field. The direction of magnetic field is:

Ans 1. downward

2. upward

3. towards north

4. towards south

Q.2 The north-west region of India receives rainfall in winter due to:

Ans 1. the summer monsoon

2. western disturbances

3. harsh cold and snow storms

4. eastern disturbances

Q.3 The Indian Government scheme, STARS (Strengthening Teaching-Learning and Results for states) project has signed in agreement with _____ on 28 January 2021.

Ans 1. European Investment Bank (EIB)

2. Inter-American Development Bank Group

3. Asian Development Bank

4. World Bank

Q.4 When was the Forest (Conservation) Amendment Bill introduced in the Lok Sabha?

- Ans
- 1. 29 March 2023
 - 2. 28 March 2023
 - 3. 30 March 2023
 - 4. 1 April 2023

Q.5 In which year did Dr. Sarvepalli Radhakrishnan assume office as the first Vice-President of India?

- Ans
- 1. 1952
 - 2. 1954
 - 3. 1951
 - 4. 1950

Q.6 How many components of population change are there which are core to the domain of population studies?

- Ans
- 1. 5
 - 2. 2
 - 3. 3
 - 4. 4

Q.7 Who among the following is the author of the novel 'Ret Samadhi'?

- Ans
- 1. Shashi Tharoor
 - 2. Rita Kumari
 - 3. Jhumpa Lahiri
 - 4. Geetanjali Shree

Q.8 In the context of movement of cells, exocytosis is the process by which:

- Ans
- 1. cell death is brought about through a heavily regulated sequence of events
 - 2. a cell takes in the fluids along with dissolved small molecules
 - 3. cells move waste materials from within the cell into the extracellular fluid
 - 4. cells absorb external material by engulfing it with the cell membrane

Q.9 'Letters from a Father to his Daughter' was authored by whom among the following freedom fighters?

- Ans
- 1. Jawaharlal Nehru
 - 2. Lal Bahadur Shastri
 - 3. Subhas Chandra Bose
 - 4. Mahatma Gandhi

Q.10 The objective of NIP is to provide equitable access to infrastructure for public, thereby making growth more inclusive. What is the full form of NIP?

- Ans
- 1. National Infrastructure Project
 - 2. National Integrated Project
 - 3. National Infrastructure Pipeline
 - 4. National Integrated Ports

Q.11 Directive Principles of State Policy strive to make India _____.

- Ans
- 1. a welfare state
 - 2. a capitalist state
 - 3. a communist state
 - 4. an authoritarian state

Q.12 Tertiary coals occur in which of the following states in India?

- Ans 1. Meghalaya
 2. Uttarakhand
 3. Haryana
 4. Bihar

Q.13 As of July 2023, who is the Lieutenant Governor of Delhi?

- Ans 1. Najeeb Jung
 2. Vinai Kumar Saxena
 3. Anil Baijal
 4. Arvind Kejriwal

Q.14 The result of which of the following movements/satyagrahas was the abolishment of the Tinkathia System under which the farmers were asked to cultivate indigo in 3/20th of their holdings?

- Ans 1. Ahmadabad Satyagraha
 2. Kheda Satyagraha
 3. Champaran Satyagraha
 4. Khilafat Movement

Q.15 Who among the following was awarded the Pandit Bhimsen Joshi Lifetime Achievement Award, 2014?

- Ans 1. Prabha Atre
 2. Pandit Kumar Gandharv
 3. Saraswati Abdul Rane
 4. Pandit Ravi Shankar

Q.16 According to the Human Development Index 2021, which neighbouring countries from the following ranked behind India?

- Ans 1. Bangladesh
 2. Maldives
 3. Afghanistan
 4. Bhutan

Q.17 Which of the following kings took the title of 'Dakshinapatheshvara' (lord of the south) after defeating Harshvardhan?

- Ans 1. Mahendravarman
 2. Pulakeshin II
 3. Narasimhavarman I
 4. Rudrasena II

Q.18 Which of the following days is celebrated as International Non-Violence Day?

- Ans 1. 1st March
 2. 26th January
 3. 2nd October
 4. 26th November

Q.19 Bharatanatyam of Tamil Nadu has grown out of the art of dancers dedicated to temples, and was earlier known:

- Ans 1. Sadir
 2. Gat
 3. Cholom
 4. Jagoi

Q.20 Consider the following statements regarding Kailashnath Temple, Ellora.

1. It is built completely in the Dravidian style.
2. Its main deity is Lord Shiva.
3. This temple was carved out of a portion of a hill.
4. It was built during the Chola phase at Ellora.

Which of the given statements is correct?

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

Q.21 The Dr. B. C. Roy Trophy is an Indian football tournament for:

- Ans
- 1. under-19 players
 - 2. under-14 players
 - 3. under-17 players
 - 4. under-21 players

Q.22 Which of the following kings of Tuluva dynasty assumed the title of 'Yavanarajya Sthapanacharya'?

- Ans
- 1. Achyuta Deva Raya
 - 2. Krishnadevaraya
 - 3. Rama Raya
 - 4. Sadasiva Raya

Q.23 Select the INCORRECT statement about Agar.

- Ans
- 1. It is used in preparations of ice-creams and jellies.
 - 2. Agar, one of the commercial products obtained from red algae, gelidium and gracilaria.
 - 3. It is used as nutrient and source of fat of bacterial culture.
 - 4. Agar is used to grow microbes.

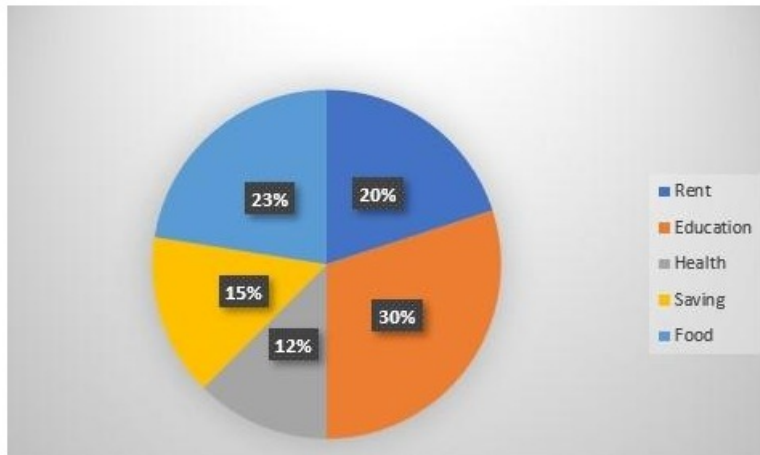
Q.24 Members of the Rajya Sabha are elected for a term of how many years?

- Ans
- 1. 3 years
 - 2. 5 years
 - 3. 6 years
 - 4. 4 years

Q.25 Who among the following is conferred upon Padma Shri 2021 for his/her contribution to Panthi folk dance?

- Ans
- 1. Radhe Shyam Barle
 - 2. Radhe Devi
 - 3. Dulari Devi
 - 4. Satyaram Reang

Q.1 The pie chart given below shows the monthly expenditure of a family (in rupees) on various items. If the total earning is ₹70,560, then find the difference between the amount spent on Education and Rent.



- Ans
- 1. ₹8,047
 - 2. ₹7,804
 - 3. ₹8,407
 - 4. ₹7,056

Q.2 A man sells a cow for Rs.22,000 and gains 10%. At what price should he sell the same cow, in order to gain 14%?

- Ans
- 1. Rs.22,800
 - 2. Rs.23,000
 - 3. Rs.23,800
 - 4. Rs.22,900

Q.3 Aman and Rajan are working at a construction site. In some engineering experiment, Aman is constructing a wall, while Rajan is demolishing that wall. Aman can completely build the wall in 15 days, while Rajan will take 20 days to completely demolish the wall. In how many days will the complete wall be built for the first time if they work on alternate days, with Aman working on the 1st day?

- Ans
- 1. 117
 - 2. 120
 - 3. 57
 - 4. 113

Q4 While travelling from A to B, Raghav travels a quarter of the distance at 10 km/h, the next quarter of the distance at 15 km/h, the third quarter of the distance at 20 km/h, and the final quarter of the distance at 30 km/h. While travelling on exactly the same route, Manish travels for a quarter of the total time taken for his journey at 10 km/h, the next quarter of the total time taken for his journey at 15 km/h, the third quarter of the total time taken for his journey at 20 km/h, and the final quarter of the total time taken for his journey at 30 km/h. If the overall average speed of Raghav during his journey is given as y km/h, and that of Manish is given as z km/h, find the value of $(z - y)$.

- Ans
- 1. 0
 - 2. 1.5
 - 3. 2.75
 - 4. 2.5

Q5 In a school, an exam was held for 80 marks in which 32 was the passing marks. Who among the following scored the minimum marks?
Note: Round off upto one decimal only.

- Ans
- 1. C, who got 160% of the passing marks
 - 2. A, who got 72% marks in the exam
 - 3. B, who got $\frac{7}{11}$ of the total marks
 - 4. D, who got $\frac{12}{19}$ of the total marks

Q6 The expression $\sin^2 \theta + \cos^2 \theta - 1 = 0$ is satisfied by how many values of θ ?

- Ans
- 1. Only one value
 - 2. Infinitely many values
 - 3. No value
 - 4. Two values

Q7 In a company, 35% of employees are from a science background and $\frac{1}{5}$ are from an arts background. The rest are either illiterate or with a commerce background. The number of illiterate is 300 which is $\frac{1}{2}$ of the commerce background. How many employees are from science or arts background?

- Ans
- 1. 1200
 - 2. 1100
 - 3. 1300
 - 4. 1500

Q8 Ram gives a six-digit number 468312 to Shyam to check the divisibility. Shyam tells Ram that the number is divisible by 57. Shyam asks Ram, "If we rearrange the digits of this number in descending order, then by which number will it be always divisible?"

- Ans
- 1. 19
 - 2. 2
 - 3. 3
 - 4. 17

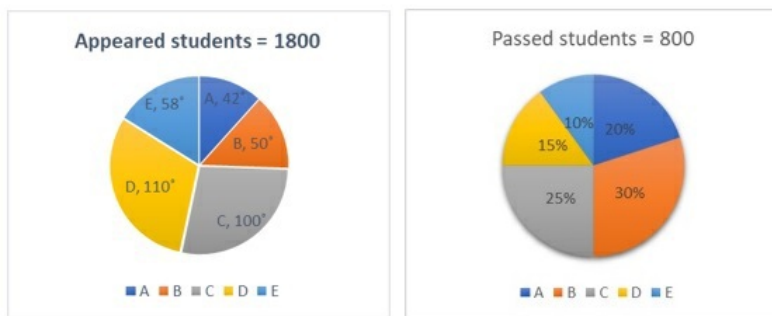
Q.9 During 2021, the population of a city increased by 8% and in 2022, it increased by 10%. At the end of 2022, its population was 47520. The population of the city at the end of 2021 was:

- Ans 1. 43200
 2. 40000
 3. 42300
 4. 44000

Q.10 In $\triangle ABC$ and $\triangle PQR$, $AB = 7$ m, $BC = 8$ m, $AC = 9$ m, $PQ = 7$ m, $QR = 8$ m and $PR = 9$ m. Which of the following is true for these triangles?

- Ans 1. $\triangle CBA \cong \triangle PQR$
 2. $\triangle ABC \cong \triangle QRP$
 3. $\triangle ABC \cong \triangle RQP$
 4. $\triangle ABC \cong \triangle PQR$

Q.11 The following pie charts show the data of the number of appeared and passed students of class 12 in sections A,B,C,D and E.



What is the percentage of students who appeared for the exam in section E (correct to one decimal place)?

- Ans 1. 29.1%
 2. 16.8%
 3. 16.1%
 4. 18.2%

Q.12 If the angles of a triangle are in the ratio of 9:11:16, then the difference between the greatest angle and the smallest angle is:

- Ans 1. 25°
 2. 40°
 3. 30°
 4. 35°

Q.13 Which of the following schemes will yield minimum discount?

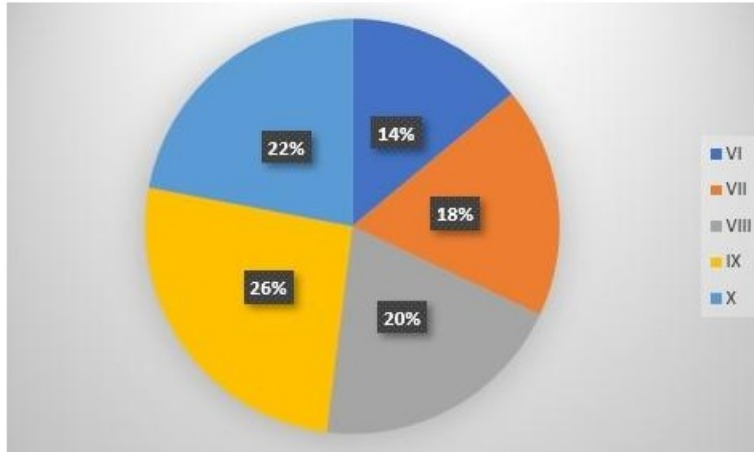
- 1) 2 successive discounts of 5% and 5%
- 2) Single discount of 10%
- 3) 2 successive discounts of 8% and 2%

- Ans 1. Both Schemes 1 and 3
 2. Scheme 2 only
 3. Scheme 3 only
 4. Scheme 1 only

Q.14 Simplify the given expression.
$$\frac{(2.3)^3 + (15.9)^3 + (3.7)^3 - 3 \times 2.3 \times 15.9 \times 3.7}{(2.3)^2 + (15.9)^2 + (3.7)^2 - 2.3 \times 15.9 - 15.9 \times 3.7 - 3.7 \times 2.3}$$

- Ans 1. 21.9
 2. 20.9
 3. 14.5
 4. 17.6

Q.15 The pie chart given below shows the number of students enrolled in class VI to class X of a school. If 1250 students are enrolled in VI to X, then find the sum of students enrolled in class VIII and IX.



- Ans 1. 575
 2. 661
 3. 516
 4. 616

Q.16 If $x + y = 10$ and $xy = 12$, find the value of $x^2 - xy + y^2$.

- Ans 1. 78
 2. 74
 3. 64
 4. 82

Q.17 The dimensions of a pond are 20 m, 14 m and 6 m. Find the capacity of the pond.

- Ans 1. 1680 m³
 2. 1280 m³
 3. 1460 m³
 4. 1520 m³

Q.18 A shopkeeper sells goods at 82% loss on cost price but uses 28% less weight. What is his percentage profit or loss?

- Ans 1. 54% profit
 2. 75% loss
 3. 75% profit
 4. 54% loss

Q.19 The five-digit number 725yz is divisible by 15. What is the maximum possible value of the product of y and z?

- Ans 1. 45
 2. 35
 3. 40
 4. 30

Q.20 Manish invested a certain sum of money at 10% per annum simple interest. If he receives an interest of ₹72780 after 1 year, the sum (in ₹) he invested is:

- Ans
- 1. 727925
 - 2. 727800
 - 3. 728383
 - 4. 727812

Q.21 Find the value of $(\sin 75^\circ + \sin 15^\circ)$.

- Ans
- 1. $\frac{\sqrt{6}}{2}$
 - 2. $\sqrt{3}$
 - 3. $\sqrt{6}$
 - 4. $\frac{\sqrt{3}}{2}$

Q.22 Find the ratio between the fourth proportional of 42, 56, 63 and the fourth proportional of 189, 273, and 153.

- Ans
- 1. 84 : 221
 - 2. 217 : 42
 - 3. 33 : 84
 - 4. 33 : 221

Q.23 A fruit seller has 10 kg of apples and 5 kg of grapes. The price of 1 kg of apples is ₹94.50 and that of grapes is ₹105. He sold all the fruits with him. What is the average amount (in ₹) received by the fruit seller?

- Ans
- 1. 101.50
 - 2. 98
 - 3. 97.50
 - 4. 100

Q.24 The university has 750 faculty (male and female only) out of which the females are 60%. The average height of females is 162 cm and that of males is 168 cm. What is the average height of the faculty (in cm) of the university?

- Ans
- 1. 163.4
 - 2. 166.4
 - 3. 161.4
 - 4. 164.4

Q.25 Simplify the following expression:

$$\frac{(8.25)^3 - 3 \times (8.25)^2 \times 0.25 + 24.75 \times (0.25)^2 - (0.25)^3}{4 \times 4 \times 4}$$

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

Q.1 Select the option that correctly expresses the given sentence in direct speech.

Ramu said that the dog had died in the evening.

- Ans
- 1. Ramu said, "The dog died in the evening."
 - 2. Ramu said, "The dog die in the evening."
 - 3. Ramu said, "The dog have died in the evening."
 - 4. Ramu said, "The dog was died in the evening."

Q.2 Select the option that expresses the given sentence in indirect speech.

His son thought, "If my father keeps grieving like this, the crops will die."

- Ans
- 1. His son thought that if his father kept grieving like this, the crops would have died.
 - 2. His son thought that if his father kept grieving like that, the crops would die.
 - 3. His son thought if his father kept grieving like this, the crops will die.
 - 4. His son thought that his father kept grieving like that, then crops will die.

Q.3 A word in the following sentence is INCORRECTLY spelt. Select that word from the given options.

Life requires great sacrifices and an understanding of the duality of the universe; this makes us happier.

- Ans
- 1. duality
 - 2. understanding
 - 3. universe
 - 4. sacrifices

Q.4 Select the option that can substitute the bracketed word segment correctly and complete the following sentence meaningfully.

You all need to (get into) the books prescribed in your syllabus.

- Ans
- 1. go through
 - 2. go about
 - 3. read about
 - 4. read abreast

Q.5 Select the option that expresses the given sentence in active voice. Should he be examined by the doctor?

- Ans
- 1. The doctor examined him.
 - 2. Has the doctor examined him?
 - 3. Should the doctor examine him?
 - 4. He has been examined by the doctor?

Q.6 Select the option that expresses the given sentence in active voice. Mr. Deshmukh will be met by them at the site office.

- Ans
- 1. They have been meeting Mr. Deshmukh at the site office.
 - 2. They will be meeting Mr. Deshmukh at the site office.
 - 3. They have met Mr. Deshmukh at the site office.
 - 4. They will meet Mr. Deshmukh at the site office.

Q.7 Parts of the following sentence have been given as options. Select the option that contains an error.

The Prime Minister and a President are visiting the town day to see the preparations of International Seminar.

- Ans
- 1. a President are visiting
 - 2. preparations of International Seminar.
 - 3. The Prime Minister and
 - 4. the town day to see the

Q.8 Select the option that can be used as a one-word substitute for the given group of words.

A speech in a play that the character speaks to himself or herself or to the people watching rather than to the other characters

- Ans
- 1. Eloquence
 - 2. Dogmatic
 - 3. Scream
 - 4. Soliloquy

Q.9 Select the most appropriate ANTONYM of the underlined word.

The manager finally acceded to his request.

- Ans
- 1. Refused
 - 2. Succumbed
 - 3. Applied
 - 4. Agreed

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

- Ans
- 1. Insist
 - 2. Stay
 - 3. Achieve
 - 4. Surrender

Q.11 Select the most appropriate ANTONYM of the given word.

Generosity

- Ans
- 1. Activeness
 - 2. Selfishness
 - 3. Selflessness
 - 4. Strength

Q.12 Select the option that correctly describes the use of the word 'walking' in the following sentence.

Walking is good for health.

- Ans
- 1. Walking is the base form of the verb.
 - 2. Walking is the present participle form of the verb functioning as a gerund.
 - 3. Walking is the present tense form of the verb.
 - 4. Walking is the past participle form of the verb.

Q.13 Select the option that correctly rectifies the underlined spelling error.

She was desperate to find her lost cat and searched thøeverhood for hours.

- Ans
- 1. naighbourhood
 - 2. neiverhood
 - 3. neighborhood
 - 4. neighbourhood

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

She faced asession of abuse after insisting that she was too beautiful to be liked.

- Ans
- 1. tirade of abuse
 - 2. recitation of abuse
 - 3. declamation of abuse
 - 4. recital of abuse

Q.15 Select the most appropriate meaning of the underlined idiom. Everybody was surprised to see that hefell flat even after arduous efforts.

- Ans
- 1. Succeed without hassles
 - 2. Win a difficult race
 - 3. Fall from a height
 - 4. Fail to win applause

Comprehension:

Read the given passage and answer the question that follows.

Indian rivers play an integral part in enriching the value and heavenly beauty of India. They are our greatest natural assets. There are hundreds of them watering our land and making it green and fertile; they even flow as natural highways linking the towns with the villages. The most eye-catching variety of these rivers is that there are navigable rivers, especially in Bengal and Kerala. Even raging torrents which leap from the mountains down to the deep gorges. Some huge rivers sometimes burst their banks and flood the countryside. And in tribute to their strength and beauty, we have always held them sacred. To love India is to love her rivers, big and small.

SubQuestion No : 16

Q.16 Select the most appropriate option to fill in the blank. I found it _____ that some people hate rivers.

- Ans
- 1. tribute
 - 2. sacred
 - 3. gorgeous
 - 4. peculiar

Comprehension:

Read the given passage and answer the question that follows.

Indian rivers play an integral part in enriching the value and heavenly beauty of India. They are our greatest natural assets. There are hundreds of them watering our land and making it green and fertile; they even flow as natural highways linking the towns with the villages. The most eye-catching variety of these rivers is that there are navigable rivers, especially in Bengal and Kerala. Even raging torrents which leap from the mountains down to the deep gorges. Some huge rivers sometimes burst their banks and flood the countryside. And in tribute to their strength and beauty, we have always held them sacred. To love India is to love her rivers, big and small.

SubQuestion No : 17

Q.17 What are the two words highlighted in the passage that describe the vital role of rivers in the development of the agriculture sector?

- Ans
- 1. Countryside and villages
 - 2. Watering and fertile
 - 3. Leaping torrents and navigable rivers
 - 4. Burst and flood

Comprehension:

Read the given passage and answer the question that follows.

Indian rivers play an integral part in enriching the value and heavenly beauty of India. They are our greatest natural assets. There are hundreds of them watering our land and making it green and fertile; they even flow as natural highways linking the towns with the villages. The most eye-catching variety of these rivers is that there are navigable rivers, especially in Bengal and Kerala. Even raging torrents which leap from the mountains down to the deep gorges. Some huge rivers sometimes burst their banks and flood the countryside. And in tribute to their strength and beauty, we have always held them sacred. To love India is to love her rivers, big and small.

SubQuestion No : 18

Q.18 Why are the rivers called natural highways?

- Ans
- 1. Because they avoid overflow and flood
 - 2. Because they enrich the beauty of Bengal and Kerala
 - 3. Because national highways are built alongside their banks
 - 4. Because they link the towns and villages

Comprehension:

Read the given passage and answer the question that follows.

Indian rivers play an integral part in enriching the value and heavenly beauty of India. They are our greatest natural assets. There are hundreds of them watering our land and making it green and fertile; they even flow as natural highways linking the towns with the villages. The most eye-catching variety of these rivers is that there are navigable rivers, especially in Bengal and Kerala. Even raging torrents which leap from the mountains down to the deep gorges. Some huge rivers sometimes burst their banks and flood the countryside. And in tribute to their strength and beauty, we have always held them sacred. To love India is to love her rivers, big and small.

SubQuestion No : 19

Q.19 What are the characteristics of rivers in India?

- Ans
- 1. Storable, impure, negligible
 - 2. Watering, navigable, sacred, huge, and small
 - 3. Destroyable, tiny, pond-sized
 - 4. Reverse flowing, unflawed, useless

Comprehension:

Read the given passage and answer the question that follows.

Indian rivers play an integral part in enriching the value and heavenly beauty of India. They are our greatest natural assets. There are hundreds of them watering our land and making it green and fertile; they even flow as natural highways linking the towns with the villages. The most eye-catching variety of these rivers is that there are navigable rivers, especially in Bengal and Kerala. Even raging torrents which leap from the mountains down to the deep gorges. Some huge rivers sometimes burst their banks and flood the countryside. And in tribute to their strength and beauty, we have always held them sacred. To love India is to love her rivers, big and small.

SubQuestion No : 20

Q.20 Select the most appropriate word from the passage to fill in the blank.

Why do Indians hold their rivers _____?

- Ans
- ✓ 1. sacred
 - ✗ 2. navigable
 - ✗ 3. variety
 - ✗ 4. tribute

Comprehension:

Read the given passage and answer the questions that follow.

Sheena was an intelligent girl living in a small town of north India. She wanted to become a doctor, but her family's financial condition was not good. To pursue her dreams, she had to find out a way. She decided to work after school. She joined a restaurant where she would work till midnight. She started saving money for her education. But the salary was not enough to bear the expenses of medical studies. When her father came to know about her aspirations, he decided to sell his ancestral property without letting Sheena know about it. After completing her 12th, Sheena appeared for the joint medical entrance test and secured a 3rd all India ranking. She got admission in a government medical college.

SubQuestion No : 21

Q.21 What is the most appropriate connection to real-life situations?

- Ans
- ✗ 1. Sell your belongings to fulfil your dreams
 - ✗ 2. Importance of winning a lottery to fulfil dreams
 - ✓ 3. Hard work pays off
 - ✗ 4. The negative impact of following one's passion

Comprehension:

Read the given passage and answer the questions that follow.

Sheena was an intelligent girl living in a small town of north India. She wanted to become a doctor, but her family's financial condition was not good. To pursue her dreams, she had to find out a way. She decided to work after school. She joined a restaurant where she would work till midnight. She started saving money for her education. But the salary was not enough to bear the expenses of medical studies. When her father came to know about her aspirations, he decided to sell his ancestral property without letting Sheena know about it. After completing her 12th, Sheena appeared for the joint medical entrance test and secured a 3rd all India ranking. She got admission in a government medical college.

SubQuestion No : 22

Q.22 Select a suitable title for the given passage.

- Ans
- ✓ 1. Pursuing Dreams Against Odds
 - ✗ 2. Financial Struggles
 - ✗ 3. Unexpected Opportunities
 - ✗ 4. Small Town Struggles

Comprehension:

Read the given passage and answer the questions that follow.

Sheena was an intelligent girl living in a small town of north India. She wanted to become a doctor, but her family's financial condition was not good. To pursue her dreams, she had to find out a way. She decided to work after school. She joined a restaurant where she would work till midnight. She started saving money for her education. But the salary was not enough to bear the expenses of medical studies. When her father came to know about her aspirations, he decided to sell his ancestral property without letting Sheena know about it. After completing her 12th, Sheena appeared for the joint medical entrance test and secured a 3rd all India ranking. She got admission in a government medical college.

SubQuestion No : 23

Q.23 What is the message one gets from this story?

- Ans
- 1. It is okay not to follow your dreams.
 - 2. One should not work hard.
 - 3. If you work hard and follow your dream, you will get success.
 - 4. Follow you passion but don't work hard.

Comprehension:

Read the given passage and answer the questions that follow.

Sheena was an intelligent girl living in a small town of north India. She wanted to become a doctor, but her family's financial condition was not good. To pursue her dreams, she had to find out a way. She decided to work after school. She joined a restaurant where she would work till midnight. She started saving money for her education. But the salary was not enough to bear the expenses of medical studies. When her father came to know about her aspirations, he decided to sell his ancestral property without letting Sheena know about it. After completing her 12th, Sheena appeared for the joint medical entrance test and secured a 3rd all India ranking. She got admission in a government medical college.

SubQuestion No : 24

Q.24 Which rank did Sheena secure in the joint medical entrance test?

- Ans
- 1. 2nd all India ranking
 - 2. 3rd all India ranking
 - 3. 1st all India ranking
 - 4. 4th all India ranking

Comprehension:

Read the given passage and answer the questions that follow.

Sheena was an intelligent girl living in a small town of north India. She wanted to become a doctor, but her family's financial condition was not good. To pursue her dreams, she had to find out a way. She decided to work after school. She joined a restaurant where she would work till midnight. She started saving money for her education. But the salary was not enough to bear the expenses of medical studies. When her father came to know about her aspirations, he decided to sell his ancestral property without letting Sheena know about it. After completing her 12th, Sheena appeared for the joint medical entrance test and secured a 3rd all India ranking. She got admission in a government medical college.

SubQuestion No : 25

Q.25 Select the most appropriate option that can substitute the bracketed word segment.

Sheena's father decided to support her aspirations by selling his (ancestral property).

- Ans**
- 1. rented property
 - 2. property taken on loan
 - 3. property inherited from family
 - 4. neighbour's property

Selection Post Examination Phase XII 2024

Exam Date	24/06/2024
Exam Time	2:30 PM - 3:30 PM
Subject	Selection Post Graduate level

Section : General Intelligence

Q1 Select the option that is related to the third word in the same way as the second word is related to the first word.

(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)

Mandarin : China :: Swahili : ?

- Ans
- 1. Ukraine
 - 2. Peru
 - 3. Kenya
 - 4. France

Q2 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$15 \div 8 + 12 \times 2 - 2 = ?$$

- Ans
- 1. 112
 - 2. 116
 - 3. 114
 - 4. 118

Q3 In a certain code language, 'JUDGE' is written as '47', and 'CROSS' is written as '74'. How will 'BRIEF' be written in that language?

- Ans
- 1. 64
 - 2. 50
 - 3. 54
 - 4. 40

Q4 In a certain code language,

A + B means 'A is the mother of B'

A - B means 'A is the brother of B'

A × B means 'A is the wife of B'

A # B means 'A is the father of B'

Based on the above, how is W related to P if 'W × V # T - R + P'?

- Ans
- 1. Sister
 - 2. Mother
 - 3. Mother's mother
 - 4. Mother's sister

Q5 In a certain code language, 'LIFE' is coded as '4765' and 'MEAT' is coded as '9142'. What is the code for 'E' in that code language?

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

Q6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



Ans

1. REGRUB
 2. BURGER
 3. BURGEAR
 4. BURGEB

Q7 Three statements are given, followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

No number is a machine.

Not a single machine is a bowl.

Every bowl is a sink.

Conclusions:

I. Some sinks which are bowls are numbers as well.

II. No number is a bowl.

III. Some sinks are bowls.

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

Q8 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

yzx_y_xxyz_x_zxx

- Ans 1. xxyz
 2. xzxy
 3. yyzx
 4. yzxx

Q.9 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

DEFGHI : FHHJJL :: MPQSIV : OSSVKY :: POLICE : ?

- Ans
- 1. RRLNEH
 - 2. RRNLHE
 - 3. RRLNHE
 - 4. RRNLEH

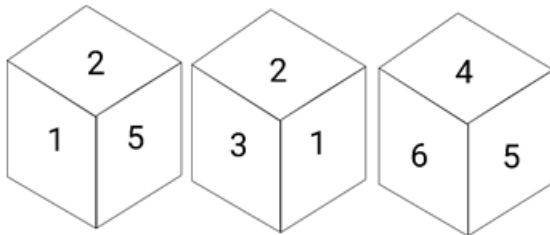
Q.10 Select the option that is related to the third word in the same way as the second word is related to the first word.

(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)

Cows : Herd :: Lions : ?

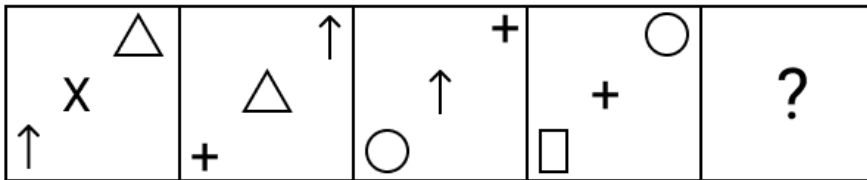
- Ans
- 1. Flock
 - 2. Pride
 - 3. Pack
 - 4. Bunch

Q.11 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Three positions of this dice are shown in the given figure. Find the number on the face opposite to the number 2.



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

Q.12 Identify the figure which when put in place of the question mark (?) will logically complete the series.



Ans

- 1.
- 2.
- 3.
- 4.

Q.13 In a certain code language, 'are you coming' is written as 'mk hv rc' and 'coming of age' is written as 'bs rc gt'. How is 'coming' written in the given language?

- 1. rc
- 2. gt
- 3. hv
- 4. bs

Q.14 8 is related to 45 following a certain logic. Following the same logic, 12 is related to 65. Which of the following is related to 80 using the same logic?

- 1. 15
- 2. 17
- 3. 16
- 4. 14

Q.15 Select the combination of letters that when sequentially placed from left to right in the blanks of the given series will complete the letter series.

C _ _ B A C C _ _ A C C D _ _ C _ D _ A

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

Q.16 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Painter
2. Pace
3. Pair
4. Package
5. Paragraph

- Ans
- 1. 2, 4, 1, 3, 5
 - 2. 2, 1, 5, 4, 3
 - 3. 1, 2, 3, 4, 5
 - 4. 1, 5, 4, 3, 2

Q.17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- Few doctors are buildings.
- Most buildings are papers.
- All papers are frogs.

Conclusions:

- (I) Few doctors are papers.
- (II) Some frogs are doctors.
- (III) Some buildings are frogs.

- Ans
- 1. Either conclusion I or conclusion II follows
 - 2. Only conclusion I follows
 - 3. All the conclusions I, II and III follow
 - 4. Only conclusion III follows

Q.18 Select the number from among the given options that can replace the question mark (?) in the following series.

14, 158, 258, 322, ?, 374

- Ans
- 1. 360
 - 2. 358
 - 3. 353
 - 4. 355

Q.19 Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

1. Wool
2. Shops
3. Garments
4. Yarn
5. Sheep

- Ans
- 1. 5, 1, 3, 4, 2
 - 2. 1, 5, 4, 3, 2
 - 3. 5, 1, 4, 3, 2
 - 4. 5, 1, 4, 2, 3

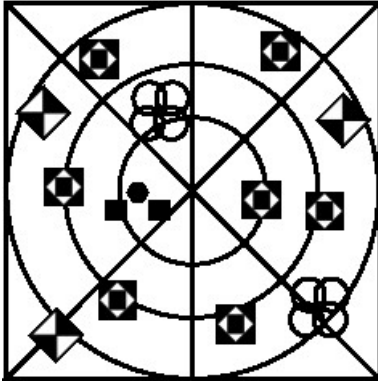
Q.20 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).



(X)

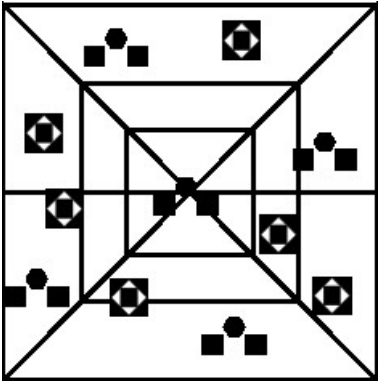
Ans

1.



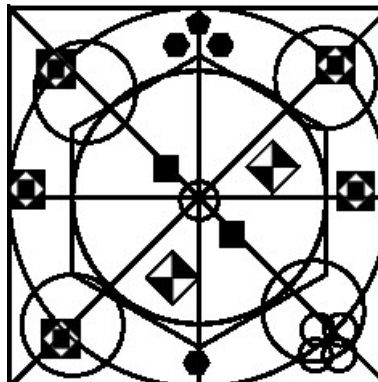
✗

2.



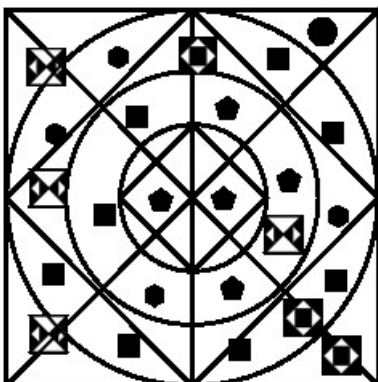
✗

3.



✓

4.



✗

Q.21 R is the son of Q. M is the brother of B, who is the daughter of Q and the mother of P. How is M related to R?

- Ans
- 1. Brother
 - 2. Nephew
 - 3. Father
 - 4. Husband

Q.22 In a certain code language, 'GAS' is written as '54', and 'JOG' is written as '49'. How will 'ZIP' be written in that language?

- Ans
- 1. 38
 - 2. 34
 - 3. 30
 - 4. 42

Q.23 In a certain code language, 'PEDAGOGY' is written as 'QGGECCLEX' and 'CLASSICS' is written as 'DNDWOFAR'. How will 'TOGETHER' be written in the same code language?

- Ans
- 1. UQJIPECQ
 - 2. UJRPIECQ
 - 3. RUJIPEQC
 - 4. RUIJPECQ

Q.24 In a certain code language, 'BAGS' is coded as '43921' and 'KHEM' is coded as '1310715'. How will 'JINK' be coded in that language?

- Ans
- 1. 11101512
 - 2. 12111613
 - 3. 11121413
 - 4. 109811

Q.25 Select the option that is related to the fifth letter cluster in the same way as the second letter cluster is related to the first letter cluster and the fourth letter cluster is related to the third letter cluster.

CURTAIN : RUCTNIA :: SUPPOSE : PUSPESO :: TONIGHT : ?

- Ans
- 1. NTOITGH
 - 2. NOTITHG
 - 3. NOTITGH
 - 4. NOTIHTG

Section : General Awareness

Q.1 Which Article of the Indian Constitution mentions about the recommendations of the Finance Commission?

- Ans
- 1. Article 282
 - 2. Article 281
 - 3. Article 283
 - 4. Article 284

Q.2 Which of the following is NOT a poverty alleviation programme in India?

- Ans
- 1. Rural Housing - Indira Awaas Yojana (IAY)
 - 2. Sampoorna Grameen Rozgar Yojana (SGRY)
 - 3. Namami Gange
 - 4. Rural Employment Generation Programme (REGP)

Q.3 The location of 'Dhamek Stupa' is:

- Ans
- 1. Sarnath
 - 2. Shravasti
 - 3. Kushinagar
 - 4. Bodh Gaya

Q.4 Which of the following novels is written by the Indian author Kiran Desai?

- Ans
- 1. The Golden House
 - 2. The Inheritance of Loss
 - 3. A Suitable Boy
 - 4. The Circle of Reason

Q.5 Which Article of the Indian Constitution mentions that there shall be a Supreme Court of India?

- Ans
- 1. Article 123
 - 2. Article 122
 - 3. Article 124
 - 4. Article 121

Q.6 During the British rule in India, who among the following unfurled the flag of India in Germany in 1907?

- Ans
- 1. Bhikaji Cama
 - 2. Annie Besant
 - 3. Sucheta Kriplani
 - 4. Sarojini Naidu

Q.7 Perihelion is when Earth is _____.

- Ans
- 1. above the sun
 - 2. farthest from the sun
 - 3. under the sun
 - 4. nearest to the sun

Q.8 What is the percentage share of population working in agricultural sector as per census of India 2011?

- Ans
- 1. 0.546
 - 2. 0.567
 - 3. 0.58
 - 4. 0.503

Q.9 Who was the chief guest at India's 74th Republic Day parade?

- Ans
- 1. Abdel Fattah Al Sisi
 - 2. Rab Butler
 - 3. Shehu Shagari
 - 4. Vladimir Putin

Q.10 Who among the following Kushana kings was the founder of the Kushana dynasty?

- Ans
- 1. Huvishka
 - 2. Vima Kadphises
 - 3. Kujula Kadphises
 - 4. Vasudeva I

Q.11 Which of the following is NOT correctly matched?

- Ans
- 1. Ribosome – Assembly of ribosomes
 - 2. Nucleolus – Synthesis of DNA
 - 3. Nucleus – Storage of genetic information
 - 4. Mitochondria – Production of chemical energy

Q.12 In 1908 Khudiram Bose along with _____ was involved in throwing a bomb at a carriage believing it to be occupied by Kingsford, the then sitting judge of Muzaffarpur.

- Ans
- 1. Sukhdev
 - 2. Bhagat Singh
 - 3. Rajguru
 - 4. Prafulla Chaki

Q.13 What is the duration of Pradhan Mantri Matsya Sampada Yojana?

- Ans
- 1. 7 years
 - 2. 5 years
 - 3. 6 years
 - 4. 8 years

Q.14 Akham Lakshmi Devi was honoured with Sangeet Natak Akademi Award for the year 2018 for her contribution to _____ dance.

- Ans
- 1. Sattriya
 - 2. Mohiniyattam
 - 3. Odissi
 - 4. Manipuri

Q.15 Which of the following is NOT considered a method of conservation of natural resources?

- Ans
- 1. Recycling
 - 2. Afforestation
 - 3. Terrace farming
 - 4. Extraction

Q.16 Using Fleming's right-hand rule, in which direction will the current flow if the direction of magnetic field is towards north and the conductor is moving vertically upward?

- Ans
- 1. Towards west
 - 2. Towards south-west
 - 3. Towards south
 - 4. Towards east

Q.17 Select the INCORRECT combination of dance and its respective state of origin.

- Ans
- 1. Kuchipudi – Andhra Pradesh
 - 2. Kathakali – Kerala
 - 3. Bharatanatyam – Tamil Nadu
 - 4. Sattriya – Himachal Pradesh

Q.18 The Telangana state government started the 'SAHAS' initiative in 2023. Which of the following aims is related to the 'SAHAS' initiative?

- Ans
- 1. To increase access to education
 - 2. To increase access to healthcare services
 - 3. To make workplace safe for women
 - 4. To create job opportunities for the youth

Q.19 Under which of the following Mughal emperors were the Marathas a major challenge to the sovereignty of the Mughals?

- Ans
- 1. Jahangir
 - 2. Humayun
 - 3. Babur
 - 4. Aurangzeb

Q.20 Identify the INCORRECT pair of cell shape types and their examples.

- Ans
- 1. Oval – Chlamydomonas
 - 2. Elongated – Muscle cells
 - 3. Oblong – Nerve cells
 - 4. Irregular – Amoeba

Q.21 Uppalapu Shrinivas was a _____ player who was awarded with the Padma Shri in 1998.

- Ans
- 1. tabla
 - 2. veena
 - 3. mandolin
 - 4. violin

Q.22 Industries of strategic and national importance are usually placed in the _____ sector.

- Ans
- 1. Public
 - 2. Co-operative
 - 3. Joint
 - 4. Private

Q.23 In February 2023, who among the following was appointed as the external auditor of ILO for a four-year term?

- Ans
- 1. GC Murmu
 - 2. Arun Goel
 - 3. Sanjeev Shankar Dubey
 - 4. Praveen Kumar Srivastav

Q.24 Under which Article of the Indian Constitution are traffic in human beings and beggar and other forms of forced labour prohibited?

- Ans
- 1. Article 32
 - 2. Article 21
 - 3. Article 23
 - 4. Article 27

Q.25 The first South Asian Games were hosted by _____.

- Ans
- 1. Dhaka
 - 2. Kathmandu
 - 3. Colombo
 - 4. Calcutta (Kolkata)

Q.1 Rishi and Sarita have ₹4,760. If $\frac{9}{16}$ of Rishi's amount is equal to $\frac{3}{4}$ of Sarita's amount, how much does Sarita have?

- Ans
- 1. ₹2,720
 - 2. ₹1,190
 - 3. ₹3,570
 - 4. ₹2,040

Q.2 If the 6 digit number 7002 * 4 is completely divisible by 8, then the smallest integer in place of * will be:

- Ans
- 1. 2
 - 2. 4
 - 3. 6
 - 4. 0

Q.3 The average weight of a group of 15 students is 70 kg. Five more students of weight 65 kg, 68 kg, 45 kg, 77 kg and 62 kg join the group. What is the change in the average weight (rounded off to the nearest integer) of the group?

- Ans
- 1. Decreases by 2 kg
 - 2. Increases by 1 kg
 - 3. Decreases by 1 kg
 - 4. Increases by 2 kg

Q.4 The average of six numbers is 4. The average of two of them is 3.5, while the average of the other two is 3.75. What is the average of the remaining two numbers?

- Ans
- 1. 8.375
 - 2. 4.85
 - 3. 4.65
 - 4. 4.75

Q.5 A shopkeeper purchased groundnuts at ₹64/kg and sells at ₹80/kg. While selling, he uses faulty weights and gives 800 gm instead of 1 kg. Find his actual profit percentage.

- Ans
- 1. 28.75%
 - 2. 36.65%,
 - 3. 56.25%
 - 4. 32.25%

Q.6 The following table shows the production of some products. What is the value of 'X' ?

Product	July	August	September	October	Total
A	12	16	20	14	62
B	15	X	13	16	61
C	11	14	17	18	60

- Ans
- 1. 16
 - 2. 17
 - 3. 18
 - 4. 15

Q.7 If $\sin(5x - 40^\circ) = \cos(5y + 40^\circ)$, then the value of $x + y$ is:

- Ans
- 1. 20°
 - 2. 15°
 - 3. 40°
 - 4. 18°

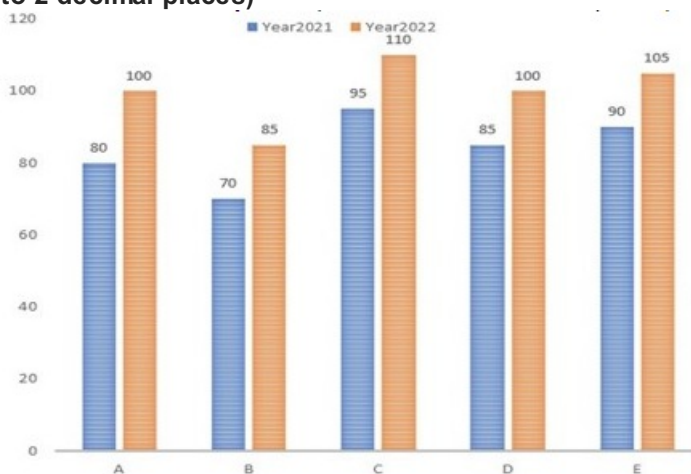
Q.8 If $x + y = 12$ and $xy = 6$, then the value of $\frac{x}{y} + \frac{y}{x}$ is equal to:

- Ans
- 1. 24
 - 2. 18
 - 3. 22
 - 4. 26

Q.9 A sum of money was divided between Cyrus, Rohan and Mishti. The ratio of the sums received by Cyrus and Rohan was 3 : 2, while the ratio of the sums received by Rohan and Mishti was 7 : 12. If the sum received by Cyrus was ₹1,800 less than the sum received by Mishti, how many rupees did Rohan receive as his share?

- Ans
- 1. ₹7,560
 - 2. ₹9,240
 - 3. ₹8,400
 - 4. ₹6,300

Q.10 The bar graph given below shows sales of table fans (in thousand numbers) from five showrooms during two consecutive years 2021 and 2022. The total sales of showroom B for both years is what per cent of the total sales of showroom E for both years? (Rounded off to 2 decimal places)



- Ans
- 1. 0.7694
 - 2. 0.7499
 - 3. 0.7869
 - 4. 0.7949

Q.11 A boat covers a certain distance downstream in 2 hours, while it comes back in $2\frac{1}{2}$ hours. If the speed of the stream is 3 km/h, then what is the speed of the boat in still water?

- Ans
- 1. 20 km/h
 - 2. 29 km/h
 - 3. 25 km/h
 - 4. 27 km/h

Q.12 A sum of ₹5,575 is invested at the rate of 8% simple interest per annum for 4 years. What will be the interest (in ₹) payable on maturity?

- Ans
- 1. 1776
 - 2. 1782
 - 3. 1788
 - 4. 1784

Q.13 Simplify the given expression. $\frac{12.43 \times 12.43 \times 12.43 + 19.57 \times 19.57 \times 19.57}{12.43 \times 12.43 - 12.43 \times 19.57 + 19.57 \times 19.57}$

- Ans
- 1. 32
 - 2. 30
 - 3. 36
 - 4. 34

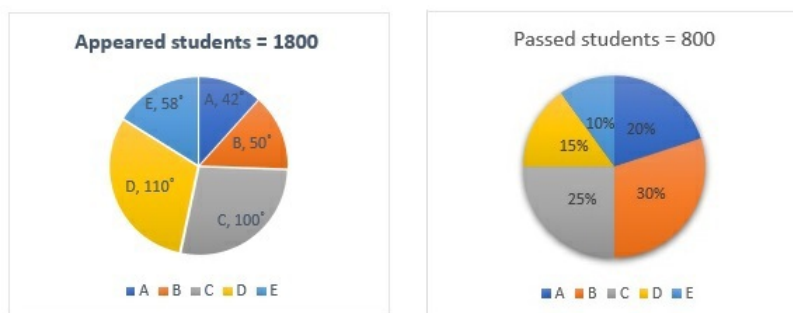
Q.14 Find the value of $\frac{\cos 25^\circ - \sin 65^\circ}{\cos 25^\circ + \sin 65^\circ}$.

- Ans
- 1. $\frac{1}{2}$
 - 2. 1
 - 3. 0
 - 4. -1

Q.15 A dealer sells an article at ₹850 after offering a cash discount of 15% on its marked price. Without discount, he would have earned a profit of 25%. What is the cost price of the article (in ₹)?

- Ans
- 1. 950
 - 2. 1000
 - 3. 900
 - 4. 800

Q.16 The following pie charts show the data of the number of appeared and passed students of class 12 in sections A,B,C,D and E.



Find the difference between the number of students who appeared for the exam in sections A and B

- Ans
- 1. 30
 - 2. 60
 - 3. 50
 - 4. 40

Q.17 A, B and C can do the same work in 9 days, 12 days and 18 days, respectively. A started the work and worked for 3 days and left. Then, B joined the work and worked for 3 days and left. Then, C joined the work and completed the work. Find the number of days C took to complete the work.

Ans 1. 7

2. $7\frac{1}{2}$

3. 8

4. $8\frac{1}{2}$

Q.18 Which of the following is NOT a criterion of congruent triangles?

Ans 1. Side- Side- Side

2. Angle- Side- Angle

3. Angle- Angle- Angle

4. Side- Angle- Side

Q.19 The sum of the two numbers is 450. If the greater number is decreased by 4% and the smaller number is increased by 20%, then the numbers obtained are equal. The smaller number is:

Ans 1. 176

2. 144

3. 164

4. 200

Q.20 By selling a hair oil product for ₹336, the gain is 12%. If the gain is reduced to 9%, find the resultant selling price (in ₹).

Ans 1. 339

2. 330

3. 300

4. 327

Q.21 The price of an item is increased by 15% and then the price is decreased by 12%. What is the effective percentage increase in the price of the item?

Ans 1. 3%

2. 1.2%

3. 2.2%

4. 1.8%

Q.22 The surface area (in cm^2) of a sphere, whose diameter is 42 cm, is:
(Take $\pi = \frac{22}{7}$)

Ans 1. 5430

2. 5544

3. 5524

4. 5452

Q.23 Select the correct statement about the properties of a triangle.

- Ans
- 1. The sum of two sides is always equal to the third side.
 - 2. The sum of two sides is always less than the third side.
 - 3. The sum of two sides is always greater than the third side.
 - 4. The sum of two sides may be equal to the third side.

Q.24 If $72 * 72$ is divisible by 9, the missing * digit will be:

- Ans
- 1. 3 or 6
 - 2. 5 or 8
 - 3. 0 or 9
 - 4. 2 or 4

Q.25 If $\left(x - \frac{1}{x-1}\right) = 3$, then the value of $(x-1)^2 + \frac{1}{(x-1)^2}$ is:

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

Section : English Language

Q.1 A word in the following sentence is INCORRECTLY spelt. Select that word from the given options.

Mesing up your laundry or being late for work is not very important when you consider your entire life.

- Ans
- 1. mesing
 - 2. important
 - 3. laundry
 - 4. entire

Q.2 A word in the following sentence is INCORRECTLY spelt. Select that word from the given options.

SpaceX is an American aerospace manufacturer, space transportation services and communications corporation headquartered in Hawthorne, California.

- Ans
- 1. transportation
 - 2. headquartared
 - 3. manufacturer
 - 4. aerospace

Q.3 Select the most appropriate ANTONYM of the given word.
Provoke

- Ans
- 1. Incite
 - 2. Aggravate
 - 3. Pacify
 - 4. Agitate

Q.4 Select the option that expresses the given sentence in active voice.
The Namesake was written by Jhumpa Lahiri.

- Ans
- 1. Jhumpa Lahiri was writing The Namesake.
 - 2. Jhumpa Lahiri wrote The Namesake.
 - 3. Jhumpa Lahiri has written The Namesake.
 - 4. Jhumpa Lahiri written The Namesake.

Q.5 Select the correct option to substitute the underlined segment in the given sentence.

This secret will remain between you and I.

- Ans
- 1. between you
 - 2. among you and I
 - 3. between you and me
 - 4. between I and you

Q.6 Select the most appropriate ANTONYM of the underlined word in the following sentence.

The presence of vagrant children is a common sight in urban cities.

- Ans
- 1. Vagabond
 - 2. Settled
 - 3. Nomad
 - 4. Gallivanting

Q.7 Select the option that expresses the following sentence in direct speech.

His angry mother jeered and asked whether he supposed that he knew better than his own father.

- Ans
- 1. "Do you suppose you know better than your own father?" jeered his angry mother.
 - 2. Her mother jeeringly expressed , "He doesn't know better than his own father."
 - 3. Her mother supposed, "He knew better than his own father."
 - 4. "Do you know better than your father I suppose" jeered his angry mother.

Q.8 Select the most appropriate option to fill in the blank.

The smoke coming out of the factory chimneys was polluting the air, which was becoming a major _____ for the local residents.

- Ans
- 1. area
 - 2. idea
 - 3. concern
 - 4. law

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

His old car has become a financial burden on him now.

- Ans
- 1. A white elephant
 - 2. An apple of one's eye
 - 3. A rare bird
 - 4. An eyesore

Q.10 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- (A) her suburbs, she was enthralled to see
- (B) one cold evening, when she went
- (C) autumn still attached to
- (D) the last golden leaf left from
- (E) out for a walk on the snowy paths of
- (F) an otherwise leafless tree

- Ans
- 1. BADECF
 - 2. CABEDF
 - 3. BEADCF
 - 4. CAFEDB

Q.11 Select the option that expresses the following sentence in passive voice.

They will publish the research findings in a scientific journal next month.

- Ans
- 1. The research findings will be being published in a scientific journal by them next month.
 - 2. The research findings will have been published in a scientific journal by them next month.
 - 3. The research findings will be published in a scientific journal by them.
 - 4. The research findings will be published in a scientific journal by them next month.

Q.12 Select the most appropriate option that can replace the underlined word in the following sentence with its synonym.

Those who desert their families do not always become anchorites.

- Ans
- 1. hermits
 - 2. wanderers
 - 3. pirates
 - 4. sailors

Q.13 The following sentence may have an error of article. Choose the correct sentence from the given options. Choose 'No error' if the sentence has no error.

The festivals are celebrated everywhere to rejuvenate the minds of people.

- Ans
- 1. The festivals are celebrated everywhere to rejuvenate minds of people.
 - 2. No error
 - 3. Festivals are celebrated everywhere to rejuvenate the minds of people.
 - 4. An festivals are celebrated everywhere to rejuvenate the minds of people.

Q.14 Identify the INCORRECT section of the given sentence.

Four people / were / witnesses of / that event.

- Ans
- 1. Four people
 - 2. witnesses of
 - 3. were
 - 4. that event.

Q.15 Select the option that expresses the given sentence in direct speech.

The Colonel said that it gave him great pleasure to be there that evening.

- Ans
- 1. The Colonel said, "It gave him great pleasure to be there that evening."
 - 2. The Colonel said, "It gives me great pleasure to be here this evening."
 - 3. The Colonel says, "It gives me great pleasure to be there that evening."
 - 4. The Colonel said, "It gave me great pleasure to be there that evening."

Comprehension:

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

Santosh Bisen, science teacher and cartoonist at Jawahar Navodaya Vidyalaya in Durg, Chhattisgarh (1)_____ his drawing (2)_____ to convert chapters into comic strips. "Convincing authorities to turn textbooks into comics was difficult. I spent my own money to (3)_____ textbooks. I also used cartoons in question papers," he says. "Students were (4)_____ with how simple science became and their performance (5)_____, " he adds.

SubQuestion No : 16

Q.16 Select the most appropriate option to fill in blank number 1.

- Ans
- 1. maintained
 - 2. reformed
 - 3. depicted
 - 4. used

Comprehension:

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

Santosh Bisen, science teacher and cartoonist at Jawahar Navodaya Vidyalaya in Durg, Chhattisgarh (1)_____ his drawing (2)_____ to convert chapters into comic strips. "Convincing authorities to turn textbooks into comics was difficult. I spent my own money to (3)_____ textbooks. I also used cartoons in question papers," he says. "Students were (4)_____ with how simple science became and their performance (5)_____, " he adds.

SubQuestion No : 17

Q.17 Select the most appropriate option to fill in blank number 2.

- Ans
- 1. terms
 - 2. skills
 - 3. art
 - 4. tricks

Comprehension:

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

Santosh Bisen, science teacher and cartoonist at Jawahar Navodaya Vidyalaya in Durg, Chhattisgarh (1)_____ his drawing (2)_____ to convert chapters into comic strips. "Convincing authorities to turn textbooks into comics was difficult. I spent my own money to (3)_____ textbooks. I also used cartoons in question papers," he says. "Students were (4)_____ with how simple science became and their performance (5)_____, " he adds.

SubQuestion No : 18

Q.18 Select the most appropriate option to fill in blank number 3.

- Ans
- 1. mend
 - 2. allocate
 - 3. restore
 - 4. design

Comprehension:

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

Santosh Bisen, science teacher and cartoonist at Jawahar Navodaya Vidyalaya in Durg, Chhattisgarh (1)_____ his drawing (2)_____ to convert chapters into comic strips. "Convincing authorities to turn textbooks into comics was difficult. I spent my own money to (3)_____ textbooks. I also used cartoons in question papers," he says. "Students were (4)_____ with how simple science became and their performance (5)_____, " he adds.

SubQuestion No : 19

Q.19 Select the most appropriate option to fill in blank number 4.

- Ans
- 1. thrilled
 - 2. shocked
 - 3. disgusted
 - 4. disappointed

Comprehension:

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

Santosh Bisen, science teacher and cartoonist at Jawahar Navodaya Vidyalaya in Durg, Chhattisgarh (1)_____ his drawing (2)_____ to convert chapters into comic strips. "Convincing authorities to turn textbooks into comics was difficult. I spent my own money to (3)_____ textbooks. I also used cartoons in question papers," he says. "Students were (4)_____ with how simple science became and their performance (5)_____, " he adds.

SubQuestion No : 20

Q.20 Select the most appropriate option to fill in blank number 5.

- Ans
- 1. regretted
 - 2. improved
 - 3. regained
 - 4. reframed

Comprehension:

Read the above paragraph and choose the correct answers for the questions given below.

Helping others physically, by removing their physical needs, is indeed a good thing, but spiritual help is more substantial, as it is more far reaching because the need is greater. ... It is only with the knowledge of the spirit that the faculty of want is annihilated forever, so helping man spiritually is the best help that can be extended to him. He who gives spiritual knowledge is the greatest benefactor of mankind. A spiritually strong man can be powerful in every other respect, if he so wishes. Until there is spiritual strength in man, even physical needs cannot be well satisfied. Next to spiritual comes intellectual help. The gift of knowledge is far higher than that of food and clothes, it is even higher than giving life to a man, because real life of a man consists of knowledge. Ignorance is death, knowledge is life.

SubQuestion No : 21

Q.21 According to the author, which of the following is a far higher gift than food and clothes, or even of life?

- Ans
- 1. Jobs
 - 2. Books
 - 3. Knowledge
 - 4. Food

Comprehension:

Read the above paragraph and choose the correct answers for the questions given below.

Helping others physically, by removing their physical needs, is indeed a good thing, but spiritual help is more substantial, as it is more far reaching because the need is greater. ... It is only with the knowledge of the spirit that the faculty of want is annihilated forever, so helping man spiritually is the best help that can be extended to him. He who gives spiritual knowledge is the greatest benefactor of mankind. A spiritually strong man can be powerful in every other respect, if he so wishes. Until there is spiritual strength in man, even physical needs cannot be well satisfied. Next to spiritual comes intellectual help. The gift of knowledge is far higher than that of food and clothes, it is even higher than giving life to a man, because real life of a man consists of knowledge. Ignorance is death, knowledge is life.

SubQuestion No : 22

Q.22 What does the word 'annihilated' mean in the context of the above passage?

- Ans**
- ✓ 1. Obliterated
 - ✗ 2. Obstructed
 - ✗ 3. Omitted
 - ✗ 4. Occluded

Comprehension:

Read the above paragraph and choose the correct answers for the questions given below.

Helping others physically, by removing their physical needs, is indeed a good thing, but spiritual help is more substantial, as it is more far reaching because the need is greater. ... It is only with the knowledge of the spirit that the faculty of want is annihilated forever, so helping man spiritually is the best help that can be extended to him. He who gives spiritual knowledge is the greatest benefactor of mankind. A spiritually strong man can be powerful in every other respect, if he so wishes. Until there is spiritual strength in man, even physical needs cannot be well satisfied. Next to spiritual comes intellectual help. The gift of knowledge is far higher than that of food and clothes, it is even higher than giving life to a man, because real life of a man consists of knowledge. Ignorance is death, knowledge is life.

SubQuestion No : 23

Q.23 According to the author, ignorance is _____ and knowledge is _____.

- Ans**
- ✓ 1. death, life
 - ✗ 2. bliss, painful
 - ✗ 3. painful, bliss
 - ✗ 4. life, avoidable

Comprehension:

Read the above paragraph and choose the correct answers for the questions given below.

Helping others physically, by removing their physical needs, is indeed a good thing, but spiritual help is more substantial, as it is more far reaching because the need is greater. ... It is only with the knowledge of the spirit that the faculty of want is annihilated forever, so helping man spiritually is the best help that can be extended to him. He who gives spiritual knowledge is the greatest benefactor of mankind. A spiritually strong man can be powerful in every other respect, if he so wishes. Until there is spiritual strength in man, even physical needs cannot be well satisfied. Next to spiritual comes intellectual help. The gift of knowledge is far higher than that of food and clothes, it is even higher than giving life to a man, because real life of a man consists of knowledge. Ignorance is death, knowledge is life.

SubQuestion No : 24

Q.24 How can the faculty of want be destroyed forever?

- Ans**
- ✓ 1. With the knowledge of the spirit
 - ✗ 2. With knowledge provided in books
 - ✗ 3. With physical assistance
 - ✗ 4. With a charitable spirit

Comprehension:

Read the above paragraph and choose the correct answers for the questions given below.

Helping others physically, by removing their physical needs, is indeed a good thing, but spiritual help is more substantial, as it is more far reaching because the need is greater. ... It is only with the knowledge of the spirit that the faculty of want is annihilated forever, so helping man spiritually is the best help that can be extended to him. He who gives spiritual knowledge is the greatest benefactor of mankind. A spiritually strong man can be powerful in every other respect, if he so wishes. Until there is spiritual strength in man, even physical needs cannot be well satisfied. Next to spiritual comes intellectual help. The gift of knowledge is far higher than that of food and clothes, it is even higher than giving life to a man, because real life of a man consists of knowledge. Ignorance is death, knowledge is life.

SubQuestion No : 25

Q.25 What according to the author is the highest good that one can do?

- Ans**
- ✓ 1. Extending spiritual help to others
 - ✗ 2. Helping others physically
 - ✗ 3. Doing intellectual good to people
 - ✗ 4. Monetary help

Selection Post Examination Phase XII 2024

Exam Date	25/06/2024
Exam Time	2:30 PM - 3:30 PM
Subject	Selection Post Graduate level

Section : General Intelligence

Q1 Select the option that is related to the third word in the same way as the second word is related to the first word.

(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.)

Cow : Calf :: Pig : ?

- Ans
- 1. Kitten
 - 2. Piglet
 - 3. Puppy
 - 4. Foal

Q2 100 is related to 18 following a certain logic. Following the same logic, 90 is related to 16. Which of the following is related to 12 using the same logic?

- Ans
- 1. 70
 - 2. 65
 - 3. 80
 - 4. 60

Q3 In a certain code language, 'TAIL' is coded as '7614' and 'TALE' is coded as '1749'. What is the code for 'I' in the given language?

- Ans
- 1. 6
 - 2. 9
 - 3. 1
 - 4. 7

Q4 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Decision
2. Deference
3. Decorative
4. Decide
5. Defeat

- Ans
- 1. 3, 1, 2, 5, 2
 - 2. 3, 2, 1, 5, 4
 - 3. 4, 1, 3, 5, 2
 - 4. 4, 1, 2, 5, 3

Q5 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

CO _ _ G C _ _ E E OL _ _ GE

- Ans
- 1. LLEEOLLGCL
 - 2. CGLEOCOLGEL
 - 3. LGLEOCOGLGE
 - 4. COGLECELGEC

Q.6 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.

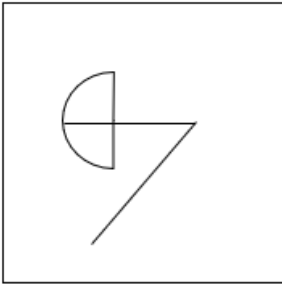
LION



Ans

- ✓ 1. LION
- ✗ 2. NOIL
- ✗ 3. TION
- ✗ 4. NOIL

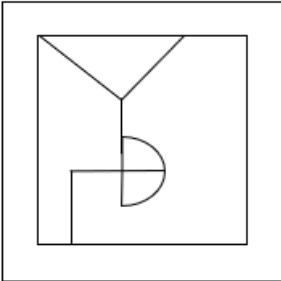
Q.7 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).



Ans

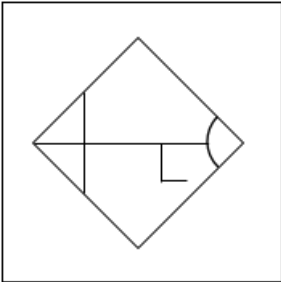
1.

✗



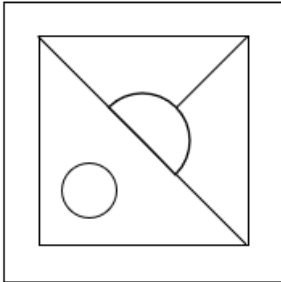
2.

✗



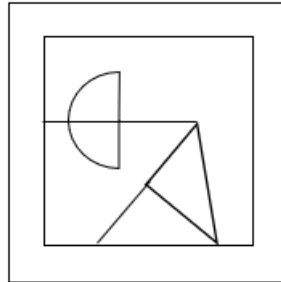
3.

✗



4.

✓



Q.8 Select the number from among the given options that can replace the question mark (?) in the following series.
4, 27, 16, 125, ?, 343

- Ans
- 1. 36
 - 2. 512
 - 3. 64
 - 4. 216

Q.9 In a code language, 'DANCER' is coded as 'REPEAD' and 'QUEAZY' is coded as 'YZGCUQ'. How will 'SQUAWK' be coded in the same language?

- Ans
- 1. KWAUQS
 - 2. KMWCQS
 - 3. KWWCQS
 - 4. KWBUQS

Q.10 In a code language, 'FAMOUS' is coded as 'UZNLFH' and 'SLOW' is coded as 'HOLD'. How will 'RUMOUR' be coded in the same language?

- Ans
- 1. IGNLGI
 - 2. IFNLFI
 - 3. JFNLFJ
 - 4. JGNLGI

Q.11 In this question, three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

Some rings are gold.

All gold is hot.

Some hot are red.

Conclusions:

I. Some gold are rings.

II. Some hot are gold.

III. Some red are hot.

- Ans
- 1. Only conclusion III follows.
 - 2. Only conclusion I follows.
 - 3. All the conclusions follow.
 - 4. Only conclusion II follows.

Q.12 In a certain code language, JUMP is coded as "HRIK" and WOLF is coded as "ULHA". How will FOWL be coded in that language?

- Ans
- 1. DLSG
 - 2. HLSG
 - 3. ALSG
 - 4. FLSG

Q.13 In a certain code language, 'QKV' is coded as '14819' and 'SHY' is coded as '16522'. How will 'MDS' be coded in that language?

- Ans
- 1. 10116
 - 2. 13127
 - 3. 12125
 - 4. 9127

Q.14 Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

1. Flower
2. Bees
3. Seed
4. Nectar
5. Honey

- Ans
- 1. 1, 4, 2, 5, 3
 - 2. 3, 1, 4, 2, 5
 - 3. 1, 3, 2, 4, 5
 - 4. 3, 1, 2, 4, 5

Q.15 Three statements are given, followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

- All calculators are dustbins.
- All complexes are dustbins.
- Some adamants are cameras.

Conclusions:

- I. Some calculators are complexes.
- II. Some dustbins are calculators.
- III. Some dustbins are adamants.

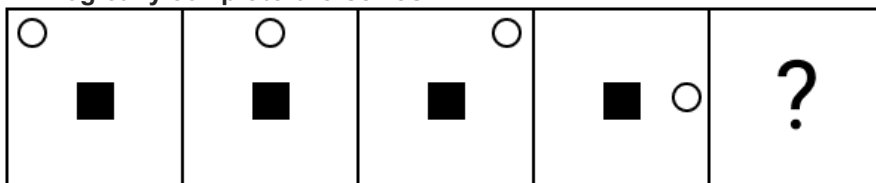
- Ans
- 1. Both conclusions I and II follow
 - 2. Only conclusion III follows
 - 3. Only conclusion II follows
 - 4. Both conclusions II and III follow

Q.16 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

GAINED : NEDGAI :: KINDLY : DLYKIN :: JUNIOR : ?

- Ans
- 1. ROINUJ
 - 2. IORJUN
 - 3. JOINUR
 - 4. JRUNIO

Q.17 Identify the figure which when put in place of the question mark (?) will logically complete the series.



Ans

1.
2.
3.
4.

Q.18 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

L _ _ L _ M _ L _ _ M _

- Ans
1. MMLMLML
 2. MLMLMLL
 3. LMLMLMM
 4. LLMMLMM

Q.19 In a certain code language, 'we live here' is coded as 'pa tu nk' and 'here was tree' is coded as 'rp nk fu'. How is 'here' coded in the given language?

- Ans
1. nk
 2. fu
 3. pa
 4. rp

Q.20 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MEN : NVM :: OUT : LFG :: JOB : ?

- Ans
1. RKX
 2. QLY
 3. QKW
 4. RJY

Q.21 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

MAKE : NCJC :: FOLD : GQKB :: VIEW : ?

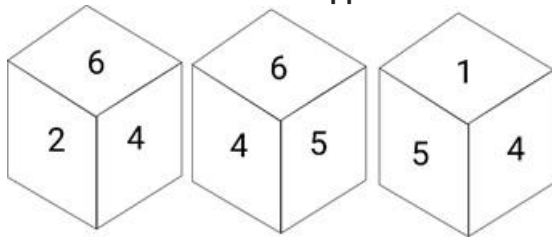
- Ans
- 1. WKDU
 - 2. XKDV
 - 3. WKEV
 - 4. WJEV

Q.22 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$16 \div 6 + 12 \times 3 - 6 = ?$

- Ans
- 1. 96
 - 2. 94
 - 3. 92
 - 4. 98

Q.23 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Three different positions of the same dice are shown. Select the number on the face opposite to the one having 1.



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

Q.24 In a certain code language,

'A + B' means 'A is the mother of B',

'A - B' means 'A is the brother of B',

'A × B' means 'A is the wife of B',

'A ÷ B' means 'A is the father of B'.

Based on the above information, how is S related to U if 'P + Q ÷ R × S - T ÷ U'?

- Ans
- 1. Father's mother
 - 2. Father's brother
 - 3. Father's father
 - 4. Father's sister

Q.25 Ayush told Neha, "Though I am the son of your father, but you are not my brother". How is Neha related to Ayush?

- Ans
- 1. Step-daughter
 - 2. Cousin
 - 3. Sister
 - 4. Daughter

Section : General Awareness

Q.1 Koderma Gaya Hazaribagh belt is known for the production of which of the following minerals?

- Ans
- 1. Copper
 - 2. Mica
 - 3. Coal
 - 4. Bauxite

Q.2 With which sport is the Burdwan Trophy associated?

- Ans
- 1. Boxing
 - 2. Weightlifting
 - 3. Powerlifting
 - 4. Wrestling

Q.3 Who was appointed as the chairman of the National Commission for Backward classes in December 2022?

- Ans
- 1. Hansraj Gangaram Ahir
 - 2. Arun Haldar
 - 3. Vijay Sampla
 - 4. Dr. Manoj Soni

Q.4 _____ is a mode of communication in itself, and it also regulates the use of other means of communication.

- Ans
- 1. Satellite
 - 2. Phone
 - 3. Television
 - 4. Radio

Q.5 Kathasaritasagara, a collection of stories, was written in which of the following languages?

- Ans
- 1. Sanskrit
 - 2. Prakrit
 - 3. Persian
 - 4. Pali

Q.6 Which Article of the Indian Constitution mentions that 'All doubts and disputes arising out of or in connection with the election of a President or Vice-President shall be inquired into and decided by the Supreme Court, whose decision shall be final'?

- Ans
- 1. Article 71
 - 2. Article 69
 - 3. Article 68
 - 4. Article 70

Q.7 Which Article of the Indian Constitution mentions that 'The President shall, notwithstanding the expiration of his/her term, continue to hold office until his successor enters upon his/her office'?

- Ans
- 1. Article 61
 - 2. Article 50
 - 3. Article 56
 - 4. Article 58

Q.8 Who among the following revolutionaries was one of the co-founders of the Hindustan Socialist Republican Association (HSRA) which got established in 1928 at Ferozeshah Kotla in Delhi?

- Ans
- 1. Gopal Krishna Gokhale
 - 2. Aurobindo Ghosh
 - 3. Bhagat Singh
 - 4. Mahatma Gandhi

Q.9 The novel 'Raavan - Enemy of Aryavarta' is written by whom among the following writers?

- Ans
- 1. Amish Tripathi
 - 2. Amitav Ghosh
 - 3. Ruskin Bond
 - 4. Kiran Desai

Q.10 Read the given statements and select the correct option.
A.Directive Principles of State Policy consists of all the ideals which the state should follow and keep in mind while formulating policies and enacting laws for the country.
B.It can be enforced by the Judiciary.
C.They can be suspended during a national emergency.

- Ans
- 1. Only C
 - 2. Only B
 - 3. Only A
 - 4. Both A and C

Q.11 What is the growth rate of population of India as per census 2011?

- Ans
- 1. 0.1764
 - 2. 0.2154
 - 3. 0.2164
 - 4. 0.1894

Q.12 Which of the following is NOT an option related to the non-cooperation movement launched by Mahatma Gandhi?

- Ans
- 1. Picketing of liquor shops
 - 2. Distribution of Charkhas
 - 3. Signing the resolution at Lahore for Poorna Swaraj
 - 4. Boycott of foreign goods

Q.13 Rani Karnaa was awarded the Sangeet Natak Akademi (1996) for her contribution to_.

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

Q.14 Who is credited with inventing the reflecting telescope?

- Ans
- 1. Isaac Newton
 - 2. Galileo Galilei
 - 3. Johannes Kepler
 - 4. Christiaan Huygens

Q.15 In 2023, Government of India has proposed to set up 'Central Processing Centre' for faster response to organisations through centralised handling of various forms filed with field offices under the _____.

- Ans
- 1. Sale of Goods Act
 - 2. Contract Act
 - 3. Companies Act
 - 4. Partnership Act

Q.16 Which was the prominent architectural feature of the Indus Valley towns and cities?

- Ans
- 1. Stupas
 - 2. Pyramids
 - 3. False Arch
 - 4. Citadel

Q.17 Select the correct statement.

- Ans
- 1. The pyramid of energy is always upright.
 - 2. The pyramid of mass is always upright.
 - 3. The pyramid of number is always upright.
 - 4. The pyramid of biomass is always inverted.

Q.18 The Beating Retreat Ceremony during Republic Day is held every year at which of the following places?

- Ans
- 1. New Delhi
 - 2. Bengaluru
 - 3. Hyderabad
 - 4. Jaipur

Q.19 The Vienna Convention is related to _____.

- Ans
- 1. Disposing of harmful electronic waste
 - 2. sustainable agriculture
 - 3. protection of ozone layer
 - 4. protection of wild life

Q.20 Select the INCORRECT combination of folk dance and its respective state.

- Ans
- 1. Dollu Kunitha - Karnataka
 - 2. Dandiya Raas- Gujarat
 - 3. Dhangari Gaja - Maharashtra
 - 4. Paika - Kerala

Q.21 Which of the following Indo-Greek kings was mentioned in the Buddhist text Milindapanho as Milinda?

- Ans
- 1. Antiochus II
 - 2. Menander I
 - 3. Demetrius I
 - 4. Strato II

Q.22 Consider the following statements and select the correct option:
i. Marginal Worker is a person who works for less than 183 days (or six months) in a year.
ii. Main Worker is a person who works for atleast 300 days (or ten months) in a year.

- Ans
- 1. Only i is correct.
 - 2. Only ii is correct.
 - 3. Both i and ii are incorrect.
 - 4. Both i and ii are correct.

Q.23 Which of the following was discovered by GN Ramachandran?

- Ans
- 1. Golgi bodies
 - 2. Triple helical structure of collagen
 - 3. Fluid mosaic model of a cell
 - 4. Plasma membrane

Q.24 Identify the Indian musician who is associated with any string instrument.

- Ans
- 1. Krishna Ram Chaudhary
 - 2. Anindo Chatterjee
 - 3. Pandit Ravi Shankar
 - 4. Zakir Hussain

Q.25 On 11 May 2023, the Uttarakhand Chief Minister launched the 'Smart School Smart Block Programme' in the Goralchod auditorium in the state's _____ district.

- Ans
- 1. Dehradun
 - 2. Champawat
 - 3. Almora
 - 4. Bageshwar

Section : Quantitative Aptitude

Q.1 $\triangle PQR$ and $\triangle ABC$ are two congruent triangles. If the area of $\triangle PQR$ is 225 cm^2 , then the area of $\triangle ABC$ is:

- Ans
- 1. 15 cm^2
 - 2. 225 cm^2
 - 3. 112.5 cm^2
 - 4. 25 cm^2

Q.2 Simplify the expression:
 $15 \times 15 \times 15 + 3 \times 15 \times 12 \times 12 - 3 \times 15 \times 15 \times 12 - 12 \times 12 \times 12$

- Ans
- 1. 36
 - 2. 18
 - 3. 27
 - 4. 9

Q.3 Suresh invested a certain sum of money at 5% per annum simple interest. If he receives an interest of ₹69687 after 15 year, the sum (in ₹) he invested is:

- Ans
- 1. 92880
 - 2. 92456
 - 3. 92916
 - 4. 92530

Q4 The strength of a school increases and decreases every alternate year by 20%. It started with an increase in 2018. What is the strength of the school at the start of 2021 as compared to that of 2018?

- Ans
- 1. Increase by 16.2%
 - 2. Increase by 15.2%
 - 3. Decrease by 16.2%
 - 4. Decrease by 15.2%

Q5 If $x + y = 18$ and $xy = 9$, then the value of $\left(\frac{x}{y} + \frac{y}{x}\right)$ will be:

- Ans
- 1. 34
 - 2. 32
 - 3. 36
 - 4. 38

Q6 A vendor buys 20 laptop bags for ₹13,000 and sells them at 15 for ₹10,125. How many laptop bags should be bought and sold to earn a profit of ₹3,225?

- Ans
- 1. 120
 - 2. 129
 - 3. 123
 - 4. 127

Q7 A policeman notices a thief from a distance of 300 m. The thief starts running and the policeman chases him. The thief and the policeman run at the speeds of 10 km/h and 12 km/h, respectively. What will be the distance between them (in m) after 6 minutes?

- Ans
- 1. 80
 - 2. 200
 - 3. 150
 - 4. 100

Q8 The sides of a right-angled triangle, right-angled at B, are 6, 8 and 10 units. C is the vertex opposite to the side with length 8 units. What is the value of $\tan^2 A + \cos^2 C$?

- Ans
- 1. $\frac{325}{400}$
 - 2. $\frac{125}{400}$
 - 3. $\frac{321}{400}$
 - 4. $\frac{369}{400}$

Q9 If $\mu = 60^\circ$, then $\sin \mu + \cos(90 - \mu) =$ _____.

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

Q.10 The third proportional to $(5^2 - 3^2)$ and $(5 - 3)$ is:

- Ans
- ✓ 1. $\frac{1}{4}$
 - ✗ 2. $\frac{1}{2}$
 - ✗ 3. $\frac{1}{8}$
 - ✗ 4. $\frac{1}{3}$

Q.11 The average weight of Rohan and his three friends is 62 kg. If Rohan's weight is 8 kg more than the average weight of his three friends, what is Rohan's weight (in kg)?

- Ans
- ✓ 1. 68
 - ✗ 2. 60
 - ✗ 3. 65
 - ✗ 4. 72

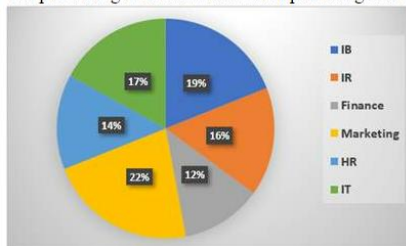
Q.12 The fourth proportional of 64, 80 and 88 is:

- Ans
- ✗ 1. 100
 - ✗ 2. 90
 - ✗ 3. 120
 - ✓ 4. 110

Q.13 An old HP Deskjet printer was bought for ₹4,800 and ₹500 was spent on its repair. If it was sold for ₹6,360, then its profit percentage is:

- Ans
- ✗ 1. 0.12
 - ✗ 2. 0.15
 - ✗ 3. 0.18
 - ✓ 4. 0.2

Q.14 The pie chart given below shows the percentage of 8000 students in terms of the subject of specialisation in MBA.



What is the total number of students specialising in IB?

- Ans
- ✗ 1. 1450
 - ✗ 2. 1625
 - ✓ 3. 1520
 - ✗ 4. 1850

Q.15 If three angles of a triangle are $(18x+6^\circ)$, $(10x+30^\circ)$ and $(15x+15^\circ)$, then the triangle is:

- Ans
- ✗ 1. right angled
 - ✗ 2. scalene
 - ✗ 3. isosceles
 - ✓ 4. equilateral

Q.16 From the following table, find is the average weight (in kg) of the given persons?

Name	Aman	Sudha	Vishal	Sumedha	Sahil	Usha
Weight (kg)	52.7	54	55.2	57.4	58.7	58

- Ans
- ✓ 1. 56.0
 - ✗ 2. 56.33
 - ✗ 3. 55.5
 - ✗ 4. 54.33

Q.17 Nazeer spends 20% of his monthly income on housing, 25% of the remaining on education, and saves 10% of the remaining. If his monthly salary is ₹52,600, how much money does he save every month?

- Ans
- ✓ 1. ₹3,156
 - ✗ 2. ₹2,367
 - ✗ 3. ₹5,260
 - ✗ 4. ₹1,578

Q.18 The number 7918378 is divisible by:

- Ans
- ✗ 1. 4
 - ✗ 2. 11
 - ✗ 3. 9
 - ✓ 4. 13

Q.19 A and B can do a piece of work in 10 days. B and C can do the same work in 12 days. C and A can do the same work in 15 days. If all the three work together, find the number of days required to complete the work.

- Ans
- ✗ 1. 12
 - ✗ 2. 6
 - ✗ 3. 10
 - ✓ 4. 8

Q.20 What least number must be subtracted from 2001 to get a number exactly divisible by 17?

- Ans
- ✗ 1. 11
 - ✓ 2. 12
 - ✗ 3. 13
 - ✗ 4. 14

Q.21 Who among the following scored the maximum overall percentage?

Name	Marks (out of 100)				
	English	Hindi	Maths	Science	IT
Simran	78	65	89	78	66
Sanjana	87	70	95	84	84
Payal	93	73	65	77	85
Bhumika	74	84	88	87	79
Neha	82	87	84	85	89
Jyoti	69	90	93	88	92

- Ans
- ✗ 1. Sanjana
 - ✗ 2. Simran
 - ✓ 3. Jyoti
 - ✗ 4. Bhumika

Q.22 The average monthly income of A and B is ₹5,050, the average monthly income of B and C is ₹6,250, and the average monthly income of A and C is ₹5,200. What is the sum of the monthly incomes (in ₹) of A, B and C?

- Ans
- 1. 16500
 - 2. 18000
 - 3. 11000
 - 4. 19500

Q.23 If $p = 106$, $q = 105$ and $r = 104$, then value of $p^2 + q^2 + r^2 - pq - qr - rp$ is:

- Ans
- 1. 3
 - 2. 2
 - 3. 1
 - 4. 0

Q.24 A tractor manufacturing company sells each tractor for ₹5,00,000. Assuming that KISAN firm buys 50 tractors from them as a part of an annual contract, the company offers a trade discount of 10% to KISAN and an additional 2% discount if the payment is made within 30 days. What will be the amount payable by KISAN within 30 days for the consignment?

- Ans
- 1. ₹22,080,100
 - 2. ₹22,050,000
 - 3. ₹20,051,000
 - 4. ₹24,050,020

Q.25 What is the radius of a sphere having a volume of 38808 cm^3 ?
(Use $\pi = \frac{22}{7}$)

- Ans
- 1. 21 cm
 - 2. 18 cm
 - 3. 27 cm
 - 4. 24 cm

Section : English Language

Q.1 Select the most appropriate ANTONYM of the given word.

Grave

- Ans
- 1. Low
 - 2. Living
 - 3. Belittle
 - 4. Humorous

Q.2 The given sentence has an error. Select the option that contains the error in the given sentence.
We have to be cauti~~us~~ regarding the impact of global warming.

- Ans
- 1. regarding the impact
 - 2. be cauti~~us~~
 - 3. We have to
 - 4. of global warming

Q.3 Select the most appropriate synonym of the given word.
Inertia

- Ans
- 1. Progression
 - 2. Energy
 - 3. Activeness
 - 4. Inactivity

Q4 Select the most appropriate meaning of the underlined idiom.

Many unavoidable situations were avoided only because someone had our back.

- Ans
- 1. In consultation
 - 2. To support
 - 3. Without help
 - 4. Within reach

Q5 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- (A) fell dead in an instant
- (B) stunned the movement
- (C) of the busy Bazaar and
- (D) silenced the cacophony
- (E) suddenly, a ringing blast
- (F) out of the bodies, which

- Ans
- 1. EDCBFA
 - 2. BADFEC
 - 3. CABEDF
 - 4. FACEDB

Q6 Select the option that expresses the given sentence in direct speech.

The teacher orders Mohan not to tear off pages from his note-book.

- Ans
- 1. The teacher says to Mohan, "Don't tear off pages from your notebook."
 - 2. The teacher says to Mohan, "You shouldn't tear off pages from your notebook."
 - 3. The teacher says to Mohan, "Let the pages not be torn off from your notebook."
 - 4. The teacher says to Mohan, "Mustn't tear off pages from your notebook."

Q7 Select the most appropriate ANTONYM of the given word.
Melancholy

- Ans
- 1. Sad
 - 2. Blue
 - 3. Sorrow
 - 4. Cheerful

Q8 Select the option that expresses the given sentence in indirect speech.

"Hurrah! I have topped again," he said. "Congratulations," said I.

- Ans
- 1. He exclaimed that he topped, and I congratulated him.
 - 2. He said that he topped again. I congratulated him.
 - 3. He said to me he had topped again, and I congratulated him.
 - 4. He exclaimed with joy that he had topped again. I congratulated him.

Q9 Parts of the following sentence have been given as options. Select the option that contains an error.

Due to its fragrance, the petals of an rose are often used in perfumes and cosmetics.

- Ans
- 1. Due to its fragrance,
 - 2. the petals of an
 - 3. rose are often used
 - 4. in perfumes and cosmetics.

Q.10 Select the option that expresses the given sentence in passive voice.

Who is looking for a smart advisor?

- Ans
- 1. By whom is a smart advisor being looked for?
 - 2. By whom was a smart advisor looked?
 - 3. By whom is a smart advisor looked for?
 - 4. By whom is a smart advisor looked?

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

The plot of the story affects the character and their growth.

- Ans
- 1. affects the character
 - 2. affect the character's
 - 3. effect the character
 - 4. affect the character

Q.12 The following sentence has been split into four segments. Identify the segment that contains a spelling error.

It seemed that his route / to the covted island / was not to be / an easy one.

- Ans
- 1. was not to be
 - 2. an easy one
 - 3. It seemed that his route
 - 4. to the covted island

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence.

The enigma of quantum mechanics remains inscrutably elusive despite of decades of intensive research by the world's leading physicists.

- Ans
- 1. despite decades with
 - 2. despite of decades to
 - 3. despite of decades in
 - 4. despite decades of

Q.14 Select the option that expresses the given sentence in passive voice.

Mr. Johnson teaches us mathematics.

- Ans
- 1. Mathematics will be taught to us by Mr. Johnson.
 - 2. Mathematics was taught to us by Mr. Johnson.
 - 3. Mathematics is taught to us by Mr. Johnson.
 - 4. Mathematics is being taught to us by Mr. Johnson.

Q.15 Select the most appropriate option to fill in the blank.

A popular theory among critics is that the character Count Dracula is based on the _____ barbaric Vlad III, better known as Vlad the Impaler.

- Ans
- 1. debauched
 - 2. infamously
 - 3. miserably
 - 4. ingloriously

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Student clubs are the place where students can (1)_____ their learning through interaction and discussion. Every activity in the club (2)_____ students to cultivate a different perception of life. The main purpose of the club is to provide a/an (3)_____ to showcase their talents and capabilities. It is the only place where students find time to (4)_____ themselves for their future. These activities not only benefit in shaping their interests and hobbies but also develop their leadership and social skills in a/an (5)_____ way.

SubQuestion No : 16

Q.16 Select the most appropriate option to fill in blank number 1.

- Ans
- 1. reduce
 - 2. adjust
 - 3. calculate
 - 4. improve

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Student clubs are the place where students can (1)_____ their learning through interaction and discussion. Every activity in the club (2)_____ students to cultivate a different perception of life. The main purpose of the club is to provide a/an (3)_____ to showcase their talents and capabilities. It is the only place where students find time to (4)_____ themselves for their future. These activities not only benefit in shaping their interests and hobbies but also develop their leadership and social skills in a/an (5)_____ way.

SubQuestion No : 17

Q.17 Select the most appropriate option to fill in blank number 2.

- Ans
- 1. diminishes
 - 2. confuses
 - 3. simplifies
 - 4. encourages

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Student clubs are the place where students can (1)_____ their learning through interaction and discussion. Every activity in the club (2)_____ students to cultivate a different perception of life. The main purpose of the club is to provide a/an (3)_____ to showcase their talents and capabilities. It is the only place where students find time to (4)_____ themselves for their future. These activities not only benefit in shaping their interests and hobbies but also develop their leadership and social skills in a/an (5)_____ way.

SubQuestion No : 18

Q.18 Select the most appropriate option to fill in blank number 3.

- Ans
- 1. occasion
 - 2. risk
 - 3. opportunity
 - 4. excuse

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Student clubs are the place where students can (1)_____ their learning through interaction and discussion. Every activity in the club (2)_____ students to cultivate a different perception of life. The main purpose of the club is to provide a/an (3)_____ to showcase their talents and capabilities. It is the only place where students find time to (4)_____ themselves for their future. These activities not only benefit in shaping their interests and hobbies but also develop their leadership and social skills in a/an (5)_____ way.

SubQuestion No : 19

Q.19 Select the most appropriate option to fill in blank number 4.

- Ans
- 1. interrupt
 - 2. clean
 - 3. control
 - 4. groom

Comprehension:

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given. Select the most appropriate option for each blank.

Student clubs are the place where students can (1)_____ their learning through interaction and discussion. Every activity in the club (2)_____ students to cultivate a different perception of life. The main purpose of the club is to provide a/an (3)_____ to showcase their talents and capabilities. It is the only place where students find time to (4)_____ themselves for their future. These activities not only benefit in shaping their interests and hobbies but also develop their leadership and social skills in a/an (5)_____ way.

SubQuestion No : 20

Q.20 Select the most appropriate option to fill in blank number 5.

- Ans
- 1. optimistic
 - 2. aggressive
 - 3. dominant
 - 4. pessimistic

Comprehension:

Read the given passage and answer the question that follows.

While some herbal remedies may have proven health benefits, not all herbs are safe. It's important to research and consult with a healthcare professional before using any herbal concoction. While we may use some herbs for minor ailments, such as a cold or headache, others may treat more serious conditions, such as cancer or heart disease. Not all herbal concoctions are natural and organic. Some may contain synthetic ingredients or preservatives, so it's important to read labels and research before using these concoctions. While herbal remedies may have some health benefits, they should not be used as a substitute for traditional medicine.

SubQuestion No : 21

Q.21 Select the most appropriate ANTONYM of the given word in the context of the passage.

Substitute

- Ans
- 1. Perdurable
 - 2. Equivalent
 - 3. Rival
 - 4. Surrogate

Comprehension:

Read the given passage and answer the question that follows. While some herbal remedies may have proven health benefits, not all herbs are safe. It's important to research and consult with a healthcare professional before using any herbal concoction. While we may use some herbs for minor ailments, such as a cold or headache, others may treat more serious conditions, such as cancer or heart disease. Not all herbal concoctions are natural and organic. Some may contain synthetic ingredients or preservatives, so it's important to read labels and research before using these concoctions. While herbal remedies may have some health benefits, they should not be used as a substitute for traditional medicine.

SubQuestion No : 22

Q.22 Identify the tone of the passage.

- Ans
- 1. Sarcastic
 - 2. Cautionary
 - 3. Populist
 - 4. Pedestrian

Comprehension:

Read the given passage and answer the question that follows. While some herbal remedies may have proven health benefits, not all herbs are safe. It's important to research and consult with a healthcare professional before using any herbal concoction. While we may use some herbs for minor ailments, such as a cold or headache, others may treat more serious conditions, such as cancer or heart disease. Not all herbal concoctions are natural and organic. Some may contain synthetic ingredients or preservatives, so it's important to read labels and research before using these concoctions. While herbal remedies may have some health benefits, they should not be used as a substitute for traditional medicine.

SubQuestion No : 23

Q.23 Identify the statement that holds true according to the passage.

- Ans
- 1. Herbal remedies can sometimes contain artificial ingredients.
 - 2. Herbal remedies have no proven health benefits.
 - 3. Herbal remedies can be trusted blindly.
 - 4. Herbal concoctions should not be used for curing minor illnesses.

Comprehension:

Read the given passage and answer the question that follows. While some herbal remedies may have proven health benefits, not all herbs are safe. It's important to research and consult with a healthcare professional before using any herbal concoction. While we may use some herbs for minor ailments, such as a cold or headache, others may treat more serious conditions, such as cancer or heart disease. Not all herbal concoctions are natural and organic. Some may contain synthetic ingredients or preservatives, so it's important to read labels and research before using these concoctions. While herbal remedies may have some health benefits, they should not be used as a substitute for traditional medicine.

SubQuestion No : 24

Q.24 Select the option that best describes the central theme of the passage.

- Ans
- 1. While herbal remedies may have some benefits, these should be used cautiously and in consultation with health professionals.
 - 2. Herbal remedies can cause cancer and heart disease.
 - 3. Herbal remedies can successfully replace all other forms of medication.
 - 4. Herbal remedies are essential for fighting all sorts of modern diseases.

Comprehension:

Read the given passage and answer the question that follows. While some herbal remedies may have proven health benefits, not all herbs are safe. It's important to research and consult with a healthcare professional before using any herbal concoction. While we may use some herbs for minor ailments, such as a cold or headache, others may treat more serious conditions, such as cancer or heart disease. Not all herbal concoctions are natural and organic. Some may contain synthetic ingredients or preservatives, so it's important to read labels and research before using these concoctions. While herbal remedies may have some health benefits, they should not be used as a substitute for traditional medicine.

SubQuestion No : 25

Q.25 Select the most appropriate title for the passage.

- Ans**
- 1. Herbal Remedies
 - 2. Risks with Herbal Remedies
 - 3. The Benefits of Herbal Concoctions
 - 4. Herbal Remedies: A Way of Life

Selection Post Examination Phase XII 2024

Exam Date	26/06/2024
Exam Time	2:30 PM - 3:30 PM
Subject	Selection Post Graduate level

Section : General Intelligence

Q1 Select the number from among the given options that can replace the question mark (?) in the following series.

552, ?, 650, 702, 756

- Ans
- 1. 600
 - 2. 590
 - 3. 625
 - 4. 576

Q2 In a certain code language,

A + B means 'A is the mother of B'

A - B means 'A is the brother of B'

A × B means 'A is the wife of B'

A # B means 'A is the son of B'

Based on the above, how is W related to P if 'W × V # T - R + P'?

- Ans
- 1. Husband's father's sister's daughter
 - 2. Mother's brother's son's wife
 - 3. Mother's brother's son's mother
 - 4. Mother's mother

Q3 If '+' means 'subtraction', '-' means 'multiplication', '÷' means 'addition' and '×' means 'division', then what is the value of the following expression?

$22 - 4 + 72 \times 18 \div 31$

- Ans
- 1. 115
 - 2. 124
 - 3. 118
 - 4. 152

Q4 In a certain code language, 'MOBILES' is written as 'N12Y18O22H' and 'VEHICLE' is written as 'E22S18X15V'. How will 'NEUTRON' be written in the same code language?

- Ans
- 1. M22G712M
 - 2. M22F7112M
 - 3. M23F7L13M
 - 4. M22F8L12M

Q5 Select the option that represents the letters that, when sequentially placed from left to right in the following blanks, will complete the letter series.

Z _ _ O _ _ E _ _ F _ E M _ F

- Ans
- 1. EZFMOZMO
 - 2. EEOFZMZM
 - 3. EMZFMOZO
 - 4. EMFZMOZO

Q.6 In a certain code language, 'he knows spanish' is coded as 'ty fr op' and 'spanish is difficult' is coded as 'fr hg df'. How will 'spanish' be coded in that language?

- Ans
- 1. fr
 - 2. hg
 - 3. df
 - 4. op

Q.7 425 is related to 11 following a certain logic. Following the same logic, 482 is related to 14. Which of the following is related to 16 using the same logic?

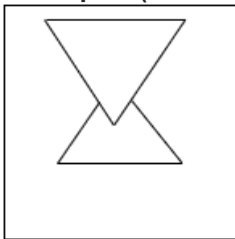
- Ans
- 1. 284
 - 2. 282
 - 3. 286
 - 4. 280

Q.8 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

EMAILS : VILXPB :: JOINED : GBQFRG :: MAKERS : ?

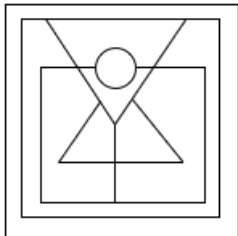
- Ans
- 1. VOCHDJ
 - 2. VOHHDJ
 - 3. VOBHDJ
 - 4. VOHHXJ

Q.9 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

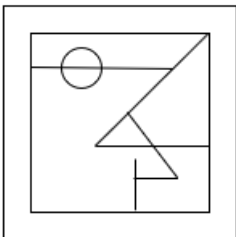


Ans

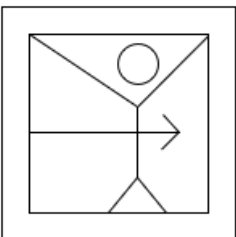
1.



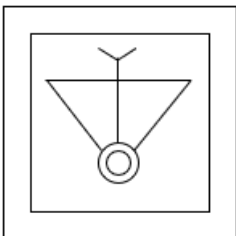
2.



3.



4.



Q.10 Select the option that is related to the third word in the same way as the second word is related to the first word.

(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)

Dermatologist : Skin :: Ophthalmologist : ?

Ans

1. Ears

2. Eyes

3. Bones

4. Teeth

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

sr_ss_s_s_ss

Ans

1. srss

2. ssrs

3. rrss

4. srsr

Q.12 Select the option that is related to the third word in the same way as the second word is related to the first word.
(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)
USA : Dollar :: Bangladesh : ?

- Ans
- 1. Ruble
 - 2. Lira
 - 3. Rupee
 - 4. Taka

Q.13 In a code language, 'MAINTY' is coded as 'SGOTZE' and 'GENIOUS' is coded as 'MKTOUAY'. How will 'POPULAR' be coded in the same language?

- Ans
- 1. VUKARGX
 - 2. KUUARGX
 - 3. KUVARGX
 - 4. VUVARGX

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

Statements:

No code is a knuckle.

No eel is a code.

Some codes are bulldozers.

Conclusions:

(I) Some bulldozers are codes.

(II) Some bulldozers are not knuckles.

(III) Some bulldozers are not eels.

- Ans
- 1. Either conclusion I or conclusion III follows
 - 2. Only conclusion II follows
 - 3. Only conclusion I follows
 - 4. All the conclusions I, II and III follow

Q.15 Select the correct mirror image of the given figure when the mirror is placed at MN as shown.



- Ans
- 1. TOY
 - 2. YOL
 - 3. LOY
 - 4. YOT

Q.16 Select the option that indicates the correct arrangement of the given words in a logical and meaningful order.

1. Rinse
2. Iron
3. Soak
4. Dry
5. Wash

- Ans
- 1. 3, 5, 1, 2, 4
 - 2. 5, 3, 1, 4, 2
 - 3. 3, 1, 5, 4, 2
 - 4. 3, 5, 1, 4, 2

Q.17 Three statements are given, followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

No chess is a can.

Not a single can is a horn.

Every horn is an adapter.

Conclusions:

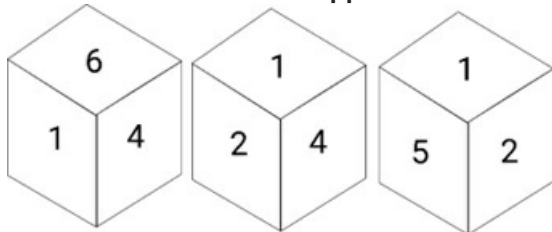
I. Some adapters which are horns are chess as well.

II. No chess is a horn.

III. Some adapters are horns.

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

Q.18 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Three different positions of the same dice are shown. Select the number on the face opposite to the one having 4.



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

Q.19 Select the option that is related to the fifth letter cluster in the same way as the second letter cluster is related to the first letter cluster and the fourth letter cluster is related to the third letter cluster.

COMBINE : MOCENIB :: FURTHER : RUFREHT :: REVERSE : ?

- Ans
- 1. VERESRE
 - 2. VEREERS
 - 3. VERESER
 - 4. VERSERE

Q.20 In a certain code language, 'BELO' is coded as '271217' and 'IGJA' is coded as '117103'. How will 'DUXE' be coded in that language?

- Ans
- 1. 325227
 - 2. 424268
 - 3. 423247
 - 4. 324246

Q.21 In a code language, 'ELASTCY' is coded as 'GNCSVEA' and 'VIRTUAL' is coded as 'XKTTWCN'. How will 'TANGLED' be coded in the same language?

- Ans
- 1. VCPGMGF
 - 2. VCPGMGE
 - 3. VCQGNGF
 - 4. VCPGNGF

Q.22 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

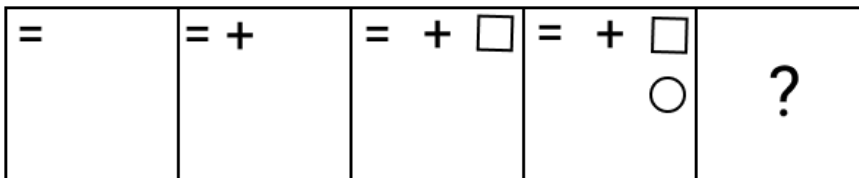
1. Block
2. Province
3. District
4. Country
5. Street
6. Village

- Ans
- 1. 5, 6, 1, 3, 2, 4
 - 2. 5, 6, 1, 2, 3, 4
 - 3. 5, 1, 6, 3, 2, 4
 - 4. 5, 6, 1, 3, 4, 2

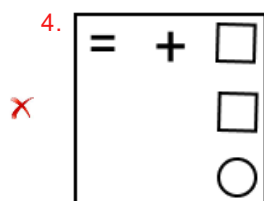
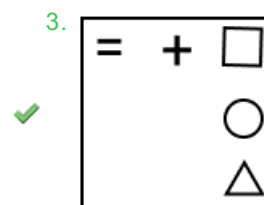
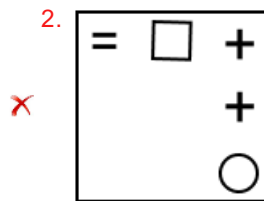
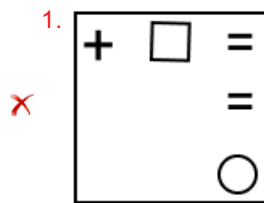
Q.23 In a certain code language, 'YOUR' is coded as '6543' and 'LOAD' is coded as '3129'. What is the code for 'O' in that code language?

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

Q.24 Identify the figure which when put in place of the question mark (?) will logically complete the series.



Ans



Q.25 Pointing towards the photograph of a person, Saksham said, "She is the only daughter of the only daughter of my father". How is Saksham related to the person in the photograph?

- Ans
- ✗ 1. Father
 - ✓ 2. Mother's brother
 - ✗ 3. Father-in-law
 - ✗ 4. Grandfather

Section : General Awareness

Q.1 Which of the following is NOT among the commercial sources of energy?

- Ans
- ✗ 1. Hydropower
 - ✗ 2. Electricity
 - ✓ 3. Fuel wood
 - ✗ 4. Petroleum

Q.2 Atmospheric temperature does NOT depend on _____.

- Ans
- 1. salinity of oceans
 - 2. altitude
 - 3. distance from sea
 - 4. latitude

Q.3 _____ is associated with the production and metabolism of fats and steroid hormones.

- Ans
- 1. Smooth endoplasmic reticulum
 - 2. Nucleus
 - 3. Golgi apparatus
 - 4. Mitochondrion

Q.4 Who elects the Presiding Officer (the speaker) in the State legislature?

- Ans
- 1. Chief Minister
 - 2. Members of Vidhan Sabha
 - 3. Member of Vidhan Parishad
 - 4. Council of Ministers

Q.5 Which ministry started the Pradhan Mantri Rojgar Protsahan Yojana?

- Ans
- 1. Ministry of Rural Development
 - 2. Ministry of Corporate Affairs
 - 3. Ministry of Labour and Employment
 - 4. Ministry of Home Affairs

Q.6 Which of the following government schemes was launched to provide financial assistance to start-ups for proof of concept, prototype development, product trials, market entry and commercialisation on 19 April 2021?

- Ans
- 1. Procurement and Marketing Support (PMS) Scheme
 - 2. Start-up India Seed Fund Scheme (SISFS)
 - 3. Pradhan Mantri Rozgar Yojana (PMRY)
 - 4. Pradhan Mantri MUDRA Yojana (PMMY)

Q.7 In which of the following dance forms is Mati-Akhora used as the basic exercise pattern that facilitates various dance poses?

- Ans
- 1. Manipuri
 - 2. Kathakali
 - 3. Kuchipudi
 - 4. Sattriya

Q.8 Select the correct statement about climax community.

- Ans
- 1. It is an ecological community in which populations of plants or animals, which are very unstable and exist for very few time.
 - 2. It is an ecological community in which populations of plants or animals remain stable and exist in balance with each other and their environment.
 - 3. It is a very first community of ecosystem.
 - 4. It consist of only plant population that makes a new ecological system.

Q.9 Select the INCORRECT statement from among the following.

- Ans
- 1. 'Dhamek Stupa' is situated in Uttar Pradesh.
 - 2. 'Piprahwa Stupa' is situated in Sikkim.
 - 3. 'Bavikonda Stupa' is situated in Andhra Pradesh.
 - 4. 'Sanchi Stupa' is situated in Madhya Pradesh.

Q.10 Which of the following statements is/are true for the recipients of the Sangeet Natak Akademi Awards?

1. Sonal Mansingh was elected as Fellow of Sangeet Natak Akademi in the year 2018.
2. Jatin Goswami was elected as Fellow of Sangeet Natak Akademi in the year 2018.
3. Radha Sridhar received the Sangeet Natak Akademi Award in the year 2018 for her contribution to Kathak.

- Ans
- 1. Both 1 and 3
 - 2. Both 1 and 2
 - 3. Both 2 and 3
 - 4. Only 3

Q.11 How many countries participated in the 2016 South Asian Games?

- Ans
- 1. Eight
 - 2. Five
 - 3. Seven
 - 4. Six

Q.12 Who among the following was conferred with the title of 'Khan-i-Khanan' under Akbar?

- Ans
- 1. Todar Mal
 - 2. Bairam Khan
 - 3. Baz Bahadur
 - 4. Abul Fazl

Q.13 What is the percentage of concession on fares provided to women on HRTC buses under the 'Nari ko Naman' scheme launched by the Chief Minister of Himachal Pradesh in 2022?

- Ans
- 1. 75%
 - 2. 50%
 - 3. 100%
 - 4. 25%

Q.14 Which Article of the Indian Constitution mentions that the President is eligible for re-election?

- Ans
- 1. Article 55
 - 2. Article 56
 - 3. Article 57
 - 4. Article 54

Q.15 Which of the following statements about the Kushana dynasty is INCORRECT?

- Ans
- 1. The First Buddhist Council was organised by Kanishka.
 - 2. Many Kushana rulers also adopted the title 'devaputra', or 'son of god'.
 - 3. The Kushanas were a major ruling group in the post-Mauryan period.
 - 4. Asvaghosha, the author of the Buddhacharita, was the court poet of Kanishka.

Q.16 Who among the following is called 'father of Indian constitution'?

- Ans
- 1. Bhim Rao Ambedkar
 - 2. P Subbarayan
 - 3. Rajendra Prasad
 - 4. Gopinath Bordoloi

Q.17 The novel 'The White Tiger' was written by:

- Ans
- 1. Vikram Chandra
 - 2. Indu Sundaresan
 - 3. Amitav Ghosh
 - 4. Aravind Adiga

Q.18 Geologically, which of the following physiographic divisions of India is supposed to be one of the most stable land blocks?

- Ans
- 1. The Himalayas
 - 2. The Peninsular Plateau
 - 3. The Northern Plains
 - 4. The Indian Desert

Q.19 Mahatma Gandhi National Rural Employment Guarantee Act (2005) provides work for how many days?

- Ans
- 1. 200
 - 2. 125
 - 3. 300
 - 4. 100

Q.20 Which of the following does NOT come under Directive Principles of State Policy?

- Ans
- 1. Promotion of Indian Local Languages
 - 2. Promotion of Cottage Industries
 - 3. Promotion of the Welfare of the People
 - 4. Uniform Civil Code

Q.21 Identify the Indian musician who is associated with wind instrument (played by blowing).

- Ans
- 1. Pandit Ravi Shankar
 - 2. Vishwa Mohan Bhat
 - 3. Pandit Deen Dayal
 - 4. Bismillah Khan

Q.22 Which of the following statements best describes Le Chatelier's Principle?

- A. The law states that the total pressure of a mixture of gases is equal to the sum of the partial pressures of the individual gases.
- B. The principle states that the rate of a chemical reaction is directly proportional to the concentration of reactants.
- C. The principle states that a change in the variables that describe a system at equilibrium causes a shift of the equilibrium position to counteract the change.
- D. The law states that the volume of a gas is inversely proportional to its pressure at constant temperature.

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

Q.23 Who among the following founded the Khudai Khidmatgars or the Red Shirts, a powerful non-violent movement?

- Ans
- 1. Mahatma Gandhi
 - 2. Subhas Chandra Bose
 - 3. BR Ambedkar
 - 4. Khan Abdul Ghaffar Khan

Q.24 Who has taken the oath as the Chief Minister of Meghalaya in March 2023?

- Ans
- 1. Prestone Tynsong
 - 2. Conrad K Sangma
 - 3. Sniawbhalang
 - 4. Thomas A Sangma

Q.25 The Ryotwari system, devised by Thomas Munro, in which peasant cultivators had to pay annual taxes directly to the government, was prevalent in which of the following present-day states/provinces?

- Ans
- 1. Odisha
 - 2. Punjab
 - 3. Rajasthan
 - 4. Tamil Nadu

Section : Quantitative Aptitude

Q.1 If * is a digit such that 7235 * is divisible by 11, then the value of * is:

- Ans
- 1. 8
 - 2. 5
 - 3. 6
 - 4. 9

Q.2 ΔXYZ is an isosceles triangle such that $XY = XZ$. It is given that $YS \perp XZ$ and $ZT \perp XY$. What is the relation between YS and ZT ?

- Ans
- 1. $YS > ZT$
 - 2. $YS < ZT$
 - 3. $YS = 2 ZT$
 - 4. $YS = ZT$

Q.3 30 persons working 10 hours a day can do 5 units of work in 12 days. How many people are required to do 8 units of that work in 16 days if they work for 8 hours a day?

- Ans
- 1. 47
 - 2. 45
 - 3. 38
 - 4. 30

Q.4 A dishonest dealer professes to sell grains at cost price, but he uses a weight of 925 g for 1 kg weight. Find his gain percentage. (Approximate to two decimals.)

- Ans
- 1. 0.085
 - 2. 0.0775
 - 3. 0.0811
 - 4. 0.075

Q.5 A stock portfolio consists of three stocks. Stock A represents 30% of the portfolio and has a return of 5%. Stock B represents 40% of the portfolio and has a return of 10%. Stock C represents the remaining 30% of the portfolio and has a return of 8%. What is the average return of the portfolio?

- Ans
- 1. 7.5%
 - 2. 7.2%
 - 3. 7.9%
 - 4. 8.1%

Q.6 If 12 students can read 4800 pages of a book in 15 days, then how many students can read 7200 pages of the same book in 10 days?

- Ans
- 1. 33
 - 2. 24
 - 3. 27
 - 4. 30

Q.7 An amount will be triple itself in 15 years at a certain rate of simple interest per annum. The rate of interest per annum is:

- Ans
- 1. $14\frac{1}{3}\%$
 - 2. $13\frac{1}{5}\%$
 - 3. $13\frac{1}{3}\%$
 - 4. $11\frac{1}{3}\%$

Q.8 If the average score of a cricketer in three matches is 38 and in two other matches is 23, then what is the average score in all five matches?

- Ans
- 1. 34
 - 2. 32
 - 3. 36
 - 4. 30

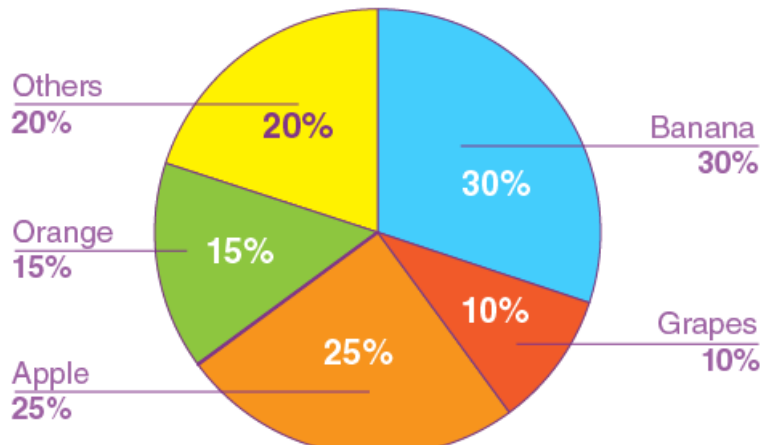
Q.9 On an item there is 8% discount on the marked price of ₹32,000. After giving an additional season's discount, the item is sold for ₹25,000. How much is the season's discount (in %)? (Correct to two places of decimal)

- Ans
- 1. 15.08%
 - 2. 14.08%
 - 3. 12.08%
 - 4. 13.08%

Q.10 On two items of equal prices, T gets 12% profit on one item and incurs 8% loss on other. What is his overall profit or loss percentage?

- Ans
- 1. Profit, 4%
 - 2. Loss, 4%
 - 3. Loss, 2%
 - 4. Profit, 2%

Q.11 The pie-chart below illustrates the different fruit yields from a farmer's land that were sold to a fruit shop during a specific week. study the chart and answer the question that follows.



If a total of 900 kg of fruits were sold that week, find the difference in sales (in kg) between oranges and grapes.

- Ans
- 1. 75
 - 2. 70
 - 3. 45
 - 4. 60

Q.12 If $x + \frac{1}{x} = 15$, then the value of $(x^2 + \frac{1}{x^2})$ is:

- Ans
- 1. 223
 - 2. 225
 - 3. 17
 - 4. 13

Q.13 If $\sin \theta + \operatorname{cosec} \theta = \sqrt{5}$, then the value of $\sin^3 \theta + \operatorname{cosec}^3 \theta$ is:

- Ans
- 1. 0
 - 2. $2\sqrt{5}$
 - 3. $\sqrt{5}$
 - 4. $\frac{1}{\sqrt{5}}$

Q.14 A thief steals an item and escapes, running at 13.5 km/h. A policeman arrives at the spot of the crime after 8 minutes and immediately starts chasing the thief. 28 minutes after the policeman started to chase the thief, there is still a gap of 540 m between the two. At what distance from the spot of the crime would the policeman catch up with the thief, and what is the speed (in km/h) at which the policeman ran?

- Ans
- 1. 11.2 km, 16.4
 - 2. 10.8 km, 16.2
 - 3. 10.4 km, 16
 - 4. 12.96 km, 16.2

Q.15 Which of the following numbers is divisible by 8?

- Ans
- 1. 6006
 - 2. 6124
 - 3. 6816
 - 4. 5006

Q.16 If $\sqrt{1 + \frac{x^3}{9}} = 5$, then the value of x is equal to:

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

Q.17 The lengths of the three sides of a triangle are given as 3 cm, 4 cm and 5 cm. The ratio of their corresponding altitudes to the opposite vertices will be:

- Ans
- 1. 3:4:5
 - 2. 9:8:7
 - 3. 20:15:12
 - 4. 5:4:3

Q.18 A person spends 40% of his salary on food items, 50% of the remaining on transport, and 30% of the remaining on clothes. After spending on food, transport and clothes, he saves ₹1,260 every month, what is his monthly salary?

- Ans
- 1. ₹7,000
 - 2. ₹8,000
 - 3. ₹6,000
 - 4. ₹10,000

Q.19 Vinod and Sanjay were fighting against each other for the post of a village Pradhan. Sanjay got 47.5% votes and lost the election by 270 votes. How many votes did Vinod get (assuming that all the villagers participated in the voting)?

- Ans
- ✗ 1. 2655
 - ✗ 2. 2565
 - ✓ 3. 2835
 - ✗ 4. 2385

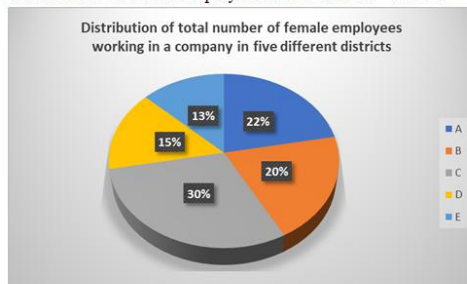
Q.20 Simplify the following expression:

$$(x + y)(x - y)(x^2 + y^2)(x^4 + y^4)(x^8 + y^8)(x^{16} + y^{16})$$

- Ans
- ✗ 1. $x^{256} - y^{28}$
 - ✓ 2. $x^{32} - y^{32}$
 - ✗ 3. $x^{64} - y^{64}$
 - ✗ 4. $x^{128} - y^{128}$

Q.21 The pie chart below shows the distribution of female employees working in a company in five different districts (A, B, C, D and E).

Total number of female employees in five districts = 136000



What is the total number of female employees working in a company in district C and district D?

- Ans
- ✗ 1. 61000
 - ✗ 2. 62290
 - ✗ 3. 62000
 - ✓ 4. 61200

Q.22 The difference between the total surface area and lateral surface area of a cube, if side of the cube is 11 cm (in square cm), is

- Ans
- ✓ 1. 242
 - ✗ 2. 244
 - ✗ 3. 241
 - ✗ 4. 243

Q.23 Four distinct positive numbers, 'a', 'b', 'c' and 'd', in the order given, are in proportion. 'b' is 35 more than 'a' and 'd' is 60 more than 'c'. The product of 'a' and 'c' is 5376. What is the sum of 'a', 'b', 'c' and 'd'?

- Ans
- ✗ 1. 397
 - ✓ 2. 399
 - ✗ 3. 398
 - ✗ 4. 400

Q.24 The marks (out of 150) of five students in different subjects are given in the following table.

Subject/Student	Hindi	English	Physics	Chemistry	Mathematics
Ravi	135	140	132	121	141
Deepak	120	135	139	112	136
Sarita	110	126	120	97	130
Kamal	130	125	98	102	120
Divya	136	130	101	100	115

The percentage of marks scored by Ravi in Mathematics is:

- Ans
- 1. 92
 - 2. 94
 - 3. 91
 - 4. 97

Q.25 If $\cos 2\theta = 0$, where θ is an acute angle, then find the value of $\sin(75^\circ - \theta)$.

- Ans
- 1. $\frac{1}{2}$
 - 2. $\sqrt{2} + 1$
 - 3. $\sqrt{2} - 1$
 - 4. $\frac{1}{\sqrt{2}}$

Section : English Language

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

Intelligible

- Ans
- 1. Dispensable
 - 2. Responsible
 - 3. Impossible
 - 4. Comprehensible

Q.2 Select the most appropriate meaning of the following idiom.

At sixes and sevens

- Ans
- 1. Heavy rains
 - 2. Having dispute
 - 3. In disorder
 - 4. In happy mood

Q.3 A word in the following sentence is INCORRECTLY spelt. Select that word from the given options.

Fungal diseases in the lungs are often similar to other illnesses such as bacterial or viral pneumonia

- Ans
- 1. often
 - 2. illnesses
 - 3. pneumonia
 - 4. fungal

Q.4 Select the most appropriate option to fill in the blank.
We met a lot of people _____ our stay in Ahmedabad.

- Ans
- 1. on
 - 2. in
 - 3. while
 - 4. during

Q5 Select the option that can be used as a one-word substitute for the given group of words.

The arrangement of events or dates in the order of their occurrence.

- Ans
- 1. Plutocracy
 - 2. Topography
 - 3. Allegory
 - 4. Chronology

Q6 Parts of the following sentence have been given as options. Select the option that contains an error.
Generally, a cycle has an seat and handle along with two pedals and a bell, sometimes a carrier too.

- Ans
- 1. with two pedals and
 - 2. seat and handle along
 - 3. Generally, a cycle has an
 - 4. a bell, sometimes a carrier too.

Q7 Select the correct option to substitute the underlined segment in the given sentence. If no substitution is required, select 'No substitution'.

The train left before I reached the station.

- Ans
- 1. left before I have reached
 - 2. had left before I reached
 - 3. No substitution
 - 4. left before I had reached

Q8 Select the option that expresses the given sentence in active voice.
The question is being answered by Sherry.

- Ans
- 1. Sherry answered the question.
 - 2. The question was answered by Sherry.
 - 3. The question was being answered by Sherry.
 - 4. Sherry is answering the question.

Q9 Select the option that correctly expresses the given sentence in direct speech.

The coach asked us when we were planning to begin practice.

- Ans
- 1. "When do you plan to begin practice?", the coach asked us.
 - 2. "When did you planning to begin practice?", the coach asked us.
 - 3. "When are you planning to begin practice?", the coach asked us.
 - 4. "When will you to begin practice?", the coach asked us.

Q.10 Select the most appropriate word opposite in meaning (ANTONYM) to the underlined word in the given sentence.

Human life is transient.

- Ans
- 1. thrifty
 - 2. timid
 - 3. permanent
 - 4. tranquil

Q.11 Select the most appropriate synonym of the given word.
Loathe

- Ans
- 1. Love
 - 2. Esteem
 - 3. Dissipate
 - 4. Hate

Q.12 Select the option that expresses the given sentence in passive voice.
Lift the veil!

- Ans
- ✓ 1. Let the veil be lifted!
 - ✗ 2. Please let the veil be lifted now!
 - ✗ 3. Let the veil had been lifted!
 - ✗ 4. Let the veil have been lifted!

Q.13 A word in the following sentence is INCORRECTLY spelt. Select that word from the given options.

It's better to think about what you are doing right now—without worrying about the unknown.

- Ans
- ✓ 1. worrying
 - ✗ 2. without
 - ✗ 3. about
 - ✗ 4. better

Q.14 Select the option that expresses the given sentence in indirect speech.

They said to him, "Do not jump into the pond today."

- Ans
- ✗ 1. They told him from jumping into the pond the same day.
 - ✓ 2. They told him not to jump into the pond that day.
 - ✗ 3. They told him to jump into the pond the previous day.
 - ✗ 4. They told him not jumped into the pond that day.

Q.15 Parts of the following sentence have been given as options. Select the option that contains an error.

She is enough wise not to interfere in their matter, once being insulted publicly by them.

- Ans
- ✗ 1. their matter, once being
 - ✗ 2. not to interfere in
 - ✗ 3. insulted publicly by them.
 - ✓ 4. She is enough wise

Comprehension:

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

Can we see (1)_____ the earth is a globe? Yes, we can, when we watch a ship that sails out to sea. If we watch closely, we see that the ship begins (2)_____. The bottom of the ship disappears first, and then the ship seems to sink lower and lower, (3) _____ we can only see the top of the ship, and then we see nothing at all. What is hiding the ship from us? It is the earth. Stick a pin most of the way into an orange, and (4) _____ turn the orange away from you. You will see the pin disappear, (5)_____ a ship does on the earth.

SubQuestion No : 16

Q.16 Select the most appropriate option to fill in blank number 1.

- Ans
- ✗ 1. whether
 - ✗ 2. if
 - ✓ 3. that
 - ✗ 4. where

Comprehension:

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

Can we see (1)_____ the earth is a globe? Yes, we can, when we watch a ship that sails out to sea. If we watch closely, we see that the ship begins (2)_____. The bottom of the ship disappears first, and then the ship seems to sink lower and lower, (3) _____ we can only see the top of the ship, and then we see nothing at all. What is hiding the ship from us? It is the earth. Stick a pin most of the way into an orange, and (4) _____ turn the orange away from you. You will see the pin disappear, (5)_____ a ship does on the earth.

SubQuestion No : 17

Q.17 Select the most appropriate option to fill in blank number 2.

- Ans
- 1. to have disappeared
 - 2. being disappeared
 - 3. to be disappeared
 - 4. to disappear

Comprehension:

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

Can we see (1)_____ the earth is a globe? Yes, we can, when we watch a ship that sails out to sea. If we watch closely, we see that the ship begins (2)_____. The bottom of the ship disappears first, and then the ship seems to sink lower and lower, (3) _____ we can only see the top of the ship, and then we see nothing at all. What is hiding the ship from us? It is the earth. Stick a pin most of the way into an orange, and (4) _____ turn the orange away from you. You will see the pin disappear, (5)_____ a ship does on the earth.

SubQuestion No : 18

Q.18 Select the most appropriate option to fill in blank number 3.

- Ans
- 1. after
 - 2. since
 - 3. by the time
 - 4. until

Comprehension:

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

Can we see (1)_____ the earth is a globe? Yes, we can, when we watch a ship that sails out to sea. If we watch closely, we see that the ship begins (2)_____. The bottom of the ship disappears first, and then the ship seems to sink lower and lower, (3) _____ we can only see the top of the ship, and then we see nothing at all. What is hiding the ship from us? It is the earth. Stick a pin most of the way into an orange, and (4) _____ turn the orange away from you. You will see the pin disappear, (5)_____ a ship does on the earth.

SubQuestion No : 19

Q.19 Select the most appropriate option to fill in blank number 4.

- Ans 1. slowly
 2. reluctantly
 3. accidentally
 4. passionately

Comprehension:

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

Can we see (1)_____ the earth is a globe? Yes, we can, when we watch a ship that sails out to sea. If we watch closely, we see that the ship begins (2)_____. The bottom of the ship disappears first, and then the ship seems to sink lower and lower, (3) _____ we can only see the top of the ship, and then we see nothing at all. What is hiding the ship from us? It is the earth. Stick a pin most of the way into an orange, and (4) _____ turn the orange away from you. You will see the pin disappear, (5)_____ a ship does on the earth.

SubQuestion No : 20

Q.20 Select the most appropriate option to fill in blank number 5.

- Ans 1. just as
 2. alike
 3. by the way
 4. the same

Comprehension:

Read the given passage and answer the question that follows.

Judicial activism in India has been a topic of great significance and debate. The judiciary, particularly the Supreme Court, has played a proactive role in shaping and interpreting laws to ensure justice and protect fundamental rights. Through landmark judgements, the court has expanded the scope of constitutional principles and acted as a check on the executive and legislative branches. However, this activism has sparked discussions about the limits of judicial power and the need to strike a balance between activism and restraint. Critics argue that excessive judicial intervention can encroach upon the domain of the other branches, while proponents see it as a necessary tool to safeguard democracy, uphold constitutional values and advance social justice. The evolution of judicial activism continues to influence the dynamics of governance in India.

SubQuestion No : 21

Q.21 Select the most appropriate title of the passage.

- Ans 1. The Constitutional Principles in India
 2. The Role of the Supreme Court
 3. The Preamble of India
 4. The Debate over Judicial Activism

Comprehension:

Read the given passage and answer the question that follows. Judicial activism in India has been a topic of great significance and debate. The judiciary, particularly the Supreme Court, has played a proactive role in shaping and interpreting laws to ensure justice and protect fundamental rights. Through landmark judgements, the court has expanded the scope of constitutional principles and acted as a check on the executive and legislative branches. However, this activism has sparked discussions about the limits of judicial power and the need to strike a balance between activism and restraint. Critics argue that excessive judicial intervention can encroach upon the domain of the other branches, while proponents see it as a necessary tool to safeguard democracy, uphold constitutional values and advance social justice. The evolution of judicial activism continues to influence the dynamics of governance in India.

SubQuestion No : 22

Q.22 Identify the central theme of the passage.

- Ans**
- 1. The evolution of governance in India
 - 2. The role and impact of judicial activism in India
 - 3. Division of power into executive, legislature and judiciary
 - 4. The constitutional rights of judiciary in India

Comprehension:

Read the given passage and answer the question that follows. Judicial activism in India has been a topic of great significance and debate. The judiciary, particularly the Supreme Court, has played a proactive role in shaping and interpreting laws to ensure justice and protect fundamental rights. Through landmark judgements, the court has expanded the scope of constitutional principles and acted as a check on the executive and legislative branches. However, this activism has sparked discussions about the limits of judicial power and the need to strike a balance between activism and restraint. Critics argue that excessive judicial intervention can encroach upon the domain of the other branches, while proponents see it as a necessary tool to safeguard democracy, uphold constitutional values and advance social justice. The evolution of judicial activism continues to influence the dynamics of governance in India.

SubQuestion No : 23

Q.23 What can be inferred about the Supreme Court's role in shaping laws?

- Ans**
- 1. It is solely responsible for legislative actions.
 - 2. It has expanded the scope of constitutional principles.
 - 3. It has no authority to check the executive branch.
 - 4. It has a limited role in interpreting laws.

Comprehension:

Read the given passage and answer the question that follows. Judicial activism in India has been a topic of great significance and debate. The judiciary, particularly the Supreme Court, has played a proactive role in shaping and interpreting laws to ensure justice and protect fundamental rights. Through landmark judgements, the court has expanded the scope of constitutional principles and acted as a check on the executive and legislative branches. However, this activism has sparked discussions about the limits of judicial power and the need to strike a balance between activism and restraint. Critics argue that excessive judicial intervention can encroach upon the domain of the other branches, while proponents see it as a necessary tool to safeguard democracy, uphold constitutional values and advance social justice. The evolution of judicial activism continues to influence the dynamics of governance in India.

SubQuestion No : 24

Q.24 Find the correct ANTONYM of the following word from the passage. Proactive

- Ans
- 1. Prompt
 - 2. Provident
 - 3. Accomplish
 - 4. Careless

Comprehension:

Read the given passage and answer the question that follows. Judicial activism in India has been a topic of great significance and debate. The judiciary, particularly the Supreme Court, has played a proactive role in shaping and interpreting laws to ensure justice and protect fundamental rights. Through landmark judgements, the court has expanded the scope of constitutional principles and acted as a check on the executive and legislative branches. However, this activism has sparked discussions about the limits of judicial power and the need to strike a balance between activism and restraint. Critics argue that excessive judicial intervention can encroach upon the domain of the other branches, while proponents see it as a necessary tool to safeguard democracy, uphold constitutional values and advance social justice. The evolution of judicial activism continues to influence the dynamics of governance in India.

SubQuestion No : 25

Q.25 According to the passage, what do critics argue regarding judicial activism?

- Ans
- 1. It encroaches on the domains of other branches.
 - 2. It is necessary for safeguarding democracy.
 - 3. It has no impact on constitutional values.
 - 4. It ensures a balanced exercise of power.

Selection Post Examination Phase XII 2024

Exam Date	26/06/2024
Exam Time	5:15 PM - 6:15 PM
Subject	Selection Post Graduate level

Section : General Intelligence

Q1 In a certain code language, 'INSTITUTE' is written as 'JOTUKWXWH' and 'OPPRESSOR' is written as 'PQQSGVVRU'. How will 'TRANSFORM' be written in the same code language?

- Ans
- 1. USBOUIRUP
 - 2. USCOUIRUP
 - 3. UBSOUIRUP
 - 4. UTBOUIRVP

Q2 What will come in place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $25 \div 5 - 918 \times 9 + 4 = ?$

- Ans
- 1. 321
 - 2. 112
 - 3. 142
 - 4. 223

Q3 Select the option that represents the letters that, when sequentially placed from left to right in the following blanks, will complete the letter series.

_ K _ I W _ J _ W _ _ I _ K J _

- Ans
- 1. WJKIKJWI
 - 2. WIJKIKJW
 - 3. WWJKIKJ
 - 4. WKJIKJWI

Q4 Select the option that is related to the third word in the same way as the second word is related to the first word
 Oology : Eggs :: Conchology : ?

- Ans
- 1. Algae
 - 2. Skulls
 - 3. Shells
 - 4. Kidneys

Q5 In a certain code language,

'A + B' means 'A is the mother of B',

'A - B' means 'A is the brother of B',

'A × B' means 'A is the wife of B',

'A ÷ B' means 'A is the father of B'.

Based on the above information, how is Q related to S if 'P + Q ÷ R × S - T'?

- Ans
- 1. Wife's father
 - 2. Wife's mother
 - 3. Wife's brother
 - 4. Wife's sister

Q.6 In a code language, 'LIBERTY' is coded as 'NKDETVA' and 'TONIGHT' is coded as 'VQPIIJV'. How will 'AUCTION' be coded in the same language?

- Ans
- 1. CWESKQP
 - 2. CWETKQP
 - 3. CEATKQP
 - 4. CXETKQP

Q.7 10 is related to 6 following a certain logic. Following the same logic, 22 is related to 12. 28 is related to which of the following using the same logic?

- Ans
- 1. 15
 - 2. 30
 - 3. 32
 - 4. 26

Q.8 Three statements are given, followed by Three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:

No chart is a casket.

Not a single casket is a house.

Every house is an adapter.

Conclusions:

I. Some adapters which are houses are charts as well.

II. No chart is a house.

III. Some adapters are houses.

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

Q.9 A woman said to a man, "Your mother's husband's father is my husband". How is the woman related to the man?

- Ans
- 1. Mother
 - 2. Grandson
 - 3. Grandmother
 - 4. Wife

Q.10 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

Some crocodiles are tubes.

All tubes are socks.

No sock is a menu.

Conclusions:

(I) Some menus are not socks.

(II) No sock is a crocodile.

(III) Some tubes are menus.

- Ans
- 1. All the conclusions I, II and III follow
 - 2. Only conclusion I follows
 - 3. Only conclusion II follows
 - 4. Either conclusion I or conclusion III follows

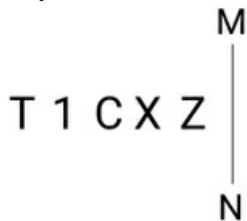
Q.11 In a certain code language, 'sing of thee' is written as 'jd fy yh', and 'does she sing' is coded as 'fy ug sc'. How will 'sing' be coded in that language?

- Ans
- 1. fy
 - 2. ug
 - 3. yh
 - 4. jd

Q.12 Each of the letters in the word MASONRY are arranged in alphabetical order. How many letters are there in the English alphabetical series between the letter that is third from the left and the one that is second from the right in the new letter cluster thus formed?

- Ans
- 1. 5
 - 2. 6
 - 3. 7
 - 4. 4

Q.13 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown below.



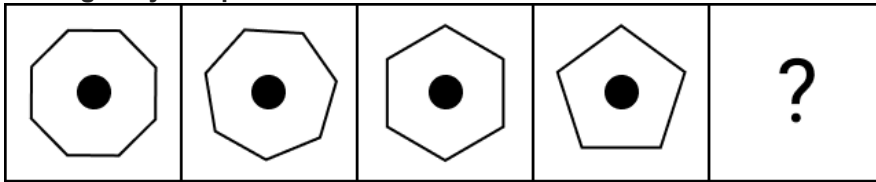
- Ans
- 1. Σ X O 1 T
 - 2. Σ X C 1 T
 - 3. Σ X O 1 T
 - 4. Σ X O 1 L

Q.14 Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.

PERFECT: TCEFREP:: UPDATES:SETADPU::UNKNOWN : ?

- Ans
- 1. NWONKNU
 - 2. OWNUNKN
 - 3. UNWNKNO
 - 4. KNOUNWN

Q.15 Identify the figure which when put in place of the question mark (?) will logically complete the series.



Ans

- 1.
- 2.
- 3.
- 4.

Q.16 In a certain code language, 'HWET' is coded as '205238' and 'RBKX' is coded as '2411218'. How will 'ICPZ' be coded in that language?

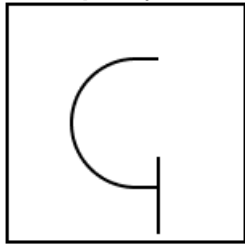
- 1. 241128
- 2. 261639
- 3. 251526
- 4. 271532

Q.17 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.

_ww_xw_xx_wx_wwx

- 1. wwxxw
- 2. xxwwx
- 3. xwxwx
- 4. wwxxx

Q.18 Select the option figure in which the given figure (X) is embedded as its part (rotation is NOT allowed).

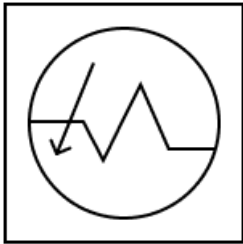


(X)

Ans

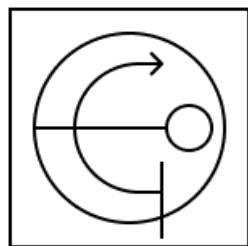
1.

✗



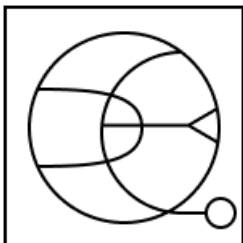
2.

✓



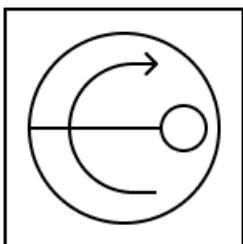
3.

✗



4.

✗



Q.19 In a certain code language, 'DENT' is coded as '3856' and 'LINK' is coded as '7392'. What is the code for 'N' in that language?

Ans

✗ 1. 9

✗ 2. 2

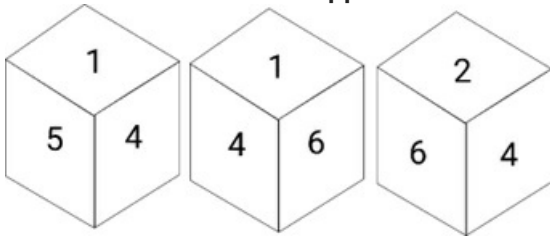
✓ 3. 3

✗ 4. 5

Q.20 Which of the following term will replace the question mark (?) in the given series
7, 3, 6, 7, 5, 11, ?

- Ans
- 1. 22
 - 2. 44
 - 3. 55
 - 4. 4

Q.21 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Three different positions of the same dice are shown. Select the number on the face opposite to the one having 5.



- Ans
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 6

Q.22 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Bacteria
2. Butterfly
3. Mosquito
4. Vulture
5. Sparrow

- Ans
- 1. 1, 2, 3, 5, 4
 - 2. 1, 3, 2, 4, 5
 - 3. 1, 3, 5, 2, 4
 - 4. 1, 3, 2, 5, 4

Q.23 In a code language, 'ACTING' is coded as 'ZXGRMT' and 'CABALS' is coded as 'XZYZOH'. How will 'EAGLET' be coded in the same language?

- Ans
- 1. VZTPVG
 - 2. VGTOVG
 - 3. VZSOVG
 - 4. VZTOVG

Q.24 Select the option that is related to the third word in the same way as the second word is related to the first word.

(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)

Teeth : Dentist :: Bones : ?

- Ans
- 1. Orthodontist
 - 2. Cardiologist
 - 3. Dermatologist
 - 4. Orthopaedic

Q.25 Select the option that is related to the third word in the same way as the second word is related to the first word.
(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)
India : Rupee :: Bahrain : ?

- Ans
- 1. Dollar
 - 2. Dinar
 - 3. Yen
 - 4. Euro

Section : General Awareness

Q.1 Pandit Ram Narayan, who was awarded the Pandit Bhimsen Joshi Lifetime Achievement Award for 2015–2016, is a _____ player.

- Ans
- 1. sarangi
 - 2. violin
 - 3. flute
 - 4. sarod

Q.2 _____ is the science and art of cultivating fruits, vegetables, flowers and ornamental plants.

- Ans
- 1. Sericulture
 - 2. Floriculture
 - 3. Viniculture
 - 4. Horticulture

Q.3 Which Article of the Indian Constitution mentions that 'No person shall be prosecuted and punished for the same offence more than once'?

- Ans
- 1. Article 20(1)
 - 2. Article 20(4)
 - 3. Article 20(3)
 - 4. Article 20(2)

Q.4 Which physicist is best known for his experiments on generating and confirming the existence of electromagnetic waves?

- Ans
- 1. Heinrich Rudolf Hertz
 - 2. Isaac Newton
 - 3. JJ Thomson
 - 4. Albert Einstein

Q.5 The Great Bath was found in:

- Ans
- 1. Ropar
 - 2. Mohenjo-daro
 - 3. Rakhigarhi
 - 4. Alamgirpur

Q.6 Allah Rakha was associated with which of the following musical instruments?

- Ans
- 1. Sitar
 - 2. Shehnai
 - 3. Tabla
 - 4. Sarod

Q.7 Which of the following union territories has the least literacy rate according to the Census of India 2011?

- Ans
- 1. Andaman and Nicobar Island
 - 2. Lakshadweep
 - 3. Dadra and Nagar Haveli
 - 4. Daman and Diu

Q.8 Which of the following items has a high fibre content?

- Ans
- 1. Fish
 - 2. Whole grain
 - 3. Milk
 - 4. Eggs

Q.9 Under which account heading has the funding for the Kashi Yatra Scheme been approved in India for the year 2022-23?

- Ans
- 1. Assistance to Manasa Sarovara pilgrims
 - 2. Assistance to Char Dham Yatra pilgrims
 - 3. Assistance to Kumbh Mela pilgrims
 - 4. Assistance to Amarnath Yatra pilgrims

Q.10 The transfer of heat through horizontal movement of air is called _____.

- Ans
- 1. convection
 - 2. advection
 - 3. conduction
 - 4. variation

Q.11 Sanskrit College at Benaras was founded by _____.

- Ans
- 1. William Jones
 - 2. James Mill
 - 3. Thomas Munro
 - 4. Jonathan Duncan

Q.12 Which Article of the Indian Constitution mentions that any person to become the President of India has to be a citizen of India?

- Ans
- 1. Article 58
 - 2. Article 60
 - 3. Article 57
 - 4. Article 59

Q.13 In which of the following animals are the stinging capsules located around the mouth and on the tentacles?

- Ans
- 1. Ascaris
 - 2. Adamsia
 - 3. Nereis
 - 4. Taenia

Q.14 Who was the designer of India's national flag?

- Ans
- 1. Pingali Venkayya
 - 2. KM Munshi
 - 3. Prem Behari Narain Raizada
 - 4. BN Rau

Q.15 In which year was Aatmanirbhar Bharat Rojgar Yojana launched?

- Ans
- 1. 2017
 - 2. 2020
 - 3. 2019
 - 4. 2018

Q.16 In 2023, Government of India has proposed to launch the 'Pradhan Mantri Kaushal Vikas Yojana' _____ to skill lakhs of youth within the next three years covering new age courses like coding, AI, robotics, mechatronics, IOT, 3D printing, drones and soft skills.

- Ans
- 1. 2.0
 - 2. 4.0
 - 3. 3.0
 - 4. 1.0

Q.17 The Vijayanagara empire included people from different cultural regions. Which of the following regions was NOT a part of it?

- Ans
- 1. Karnataka
 - 2. Telugu
 - 3. Maratha
 - 4. Tamil

Q.18 Who among the following authored the book 'Unbreakable'?

- Ans
- 1. Mary Kom
 - 2. Shantanu Naidu
 - 3. Indra Nooyi
 - 4. Kapil Dev

Q.19 With which game is the CK Nayudu Trophy associated?

- Ans
- 1. Football
 - 2. Cricket
 - 3. Basketball
 - 4. Handball

Q.20 Jaita is the main dance form of which state?

- Ans
- 1. Karnataka
 - 2. Uttar Pradesh
 - 3. Madhya Pradesh
 - 4. Rajasthan

Q.21 Gandhiji gave his slogan of 'Do or Die' during which of the following Movements/Satyagrahas?

- Ans
- 1. Quit India
 - 2. Kheda Satyagraha
 - 3. Champaran Satyagraha
 - 4. Civil Disobedience

Q.22 Which of the following rulers is considered as the greatest king of Satavahana dynasty and is described as the destroyer of the Sakas, Yavanas and Pahlavas?

- Ans
- 1. Simuka
 - 2. Hala
 - 3. Yajna Sri Satakarni
 - 4. Gautamiputra Satakarni

Q.23 _____ is the proper management of a natural resource to prevent its exploitation, destruction or degradation.

- Ans
- 1. Protection
 - 2. Preservation
 - 3. Degradation
 - 4. Conservation

Q.24 As of July 2023, who is the Chief Minister of Assam?

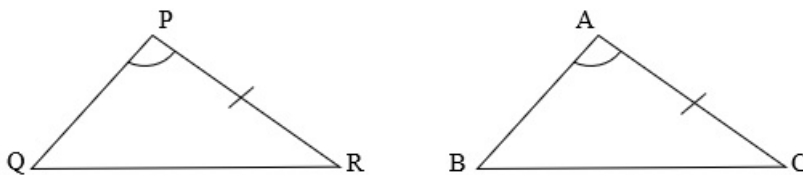
- Ans
- 1. MK Stalin
 - 2. Arvind Kejriwal
 - 3. Himanta Biswa Sarma
 - 4. Hemant Soren

Q.25 Which Article of the Indian Constitution mentions that an election to fill a vacancy caused by the expiration of the term of office of the President shall be completed before the expiration of the term?

- Ans
- 1. Article 59
 - 2. Article 60
 - 3. Article 61
 - 4. Article 62

Section : Quantitative Aptitude

Q.1 In the following figure, $\angle A = \angle P$ and $AC = PR$.



Which of the following options needs to be satisfied for ΔPQR and ΔABC to be congruent?

- Ans
- 1. $BC = QR$ by SSA criteria
 - 2. $AB = PQ$ by SAS criteria
 - 3. $AB = PQ$ by SSA criteria
 - 4. $BC = QR$ by ASS criteria

Q.2 The annual profit percentage earned by a telephone company during the period 2015-2020 is given in the following table. The profit percentage is calculated by the difference between income and expenditure over expenditure. Study the table and answer the question that follows.

Year	2015	2016	2017	2018	2019	2020
Profit in percentage	40%	55%	45%	65%	70%	60%

If the income in 2018 was Rs.330 crores, then what was the expenditure in 2018?

- Ans
- 1. Rs.160 crores
 - 2. Rs.200 crores
 - 3. Rs.145 crores
 - 4. Rs.104 crores

Q3 Simplify the following expression:

$$\frac{((32)^4 - 1)}{33 \times 31 \times (2^{10} + 1)}$$

- Ans
- 1. -2
 - 2. -1
 - 3. 2
 - 4. 1

Q4 The sum of the four numbers A, B, C and D is 875. If the ratio of A to B is 1 : 2, the ratio of B to C is 3 : 1 and the ratio of C to D is 2 : 3, find the value of C.

- Ans
- 1. 130
 - 2. 135
 - 3. 125
 - 4. 120

Q5 Half the perimeter of a rectangular garden, whose length is 8 cm more than its width, is 42 cm. Find the area of the rectangular garden.

- Ans
- 1. 425 cm²
 - 2. 254 cm²
 - 3. 542 cm²
 - 4. 524 cm²

Q6 The volume of a cube is 64 cm³. The total surface area of the cube is:

- Ans
- 1. 16 cm²
 - 2. 128 cm²
 - 3. 64 cm²
 - 4. 96 cm²

Q7 P sells a Laptop to Q at a loss of 25% and Q sells the laptop to R at a profit of 20%. If R purchased the laptop for ₹22,500, then what was the cost (in ₹) of the laptop for P?

- Ans
- 1. 25000
 - 2. 23800
 - 3. 23200
 - 4. 24800

Q8 A shopkeeper offers the following three schemes:

I. Buy 9 get 1 free

II. Buy 7 get 8

III. Two successive discounts of 20% and 15%

Which scheme has the lowest discount percentage (all articles have the same marked price)?

- Ans
- 1. Scheme III
 - 2. Scheme I
 - 3. Scheme II
 - 4. All are equal

Q.9 The selling price of y items is equal to the cost price of 540 items. If the profit made is 44%, then find the value of y .

- Ans
- 1. 375
 - 2. 380
 - 3. 400
 - 4. 360

Q.10 If $3 \sec^4\theta + 8 = 10 \sec^2\theta$, then then value of $\tan\theta$ can be:

- Ans
- 1. $1, \sqrt{3}$
 - 2. $1, \frac{1}{\sqrt{3}}$
 - 3. $2, \sqrt{3}$
 - 4. $2, \frac{1}{\sqrt{3}}$

Q.11 A person travels two-fifth of a distance at a speed of 40 km/h and the remaining at a speed of 60 km/h. What is his average speed (in km/h) in the entire journey?

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

Q.12 A motorboat, whose speed is 15 km/h in still water goes 20 km downstream and comes back in a total of 4 hours. The speed of the stream (in km/h) is:

- Ans
- 1. $4\sqrt{3}$
 - 2. $6\sqrt{3}$
 - 3. $5\sqrt{3}$
 - 4. $7\sqrt{3}$

Q.13 If the radius of the right circular cone is increased by 20% and its height is decreased by 25%, then the volume of the right circular cone will be increased by:

- Ans
- 1. 10%
 - 2. 15%
 - 3. 8%
 - 4. 12%

Q.14 Which of the following recorded the highest growth rate in manufacturing units from the year 2021 to the year 2022?

Plant	Units manufactured in	
	2021	2022
A	150	175
B	225	269
C	300	315
D	130	169
E	150	172

- Ans
- 1. D
 - 2. E
 - 3. B
 - 4. A

Q.15 A bag contains rupee, 50-paise and 25-paise coins in the ratio 3 : 4 : 6. If the total amount is ₹143, the number of 50-paise coins is:

- Ans
- 1. 66
 - 2. 90
 - 3. 132
 - 4. 88

Q.16 A and B can do a piece of work separately in 10 days and 8 days, respectively. If they work alternately and A begins the work, in how many days will the work be completed?

- Ans
- 1. 9
 - 2. 8
 - 3. 10
 - 4. 12

Q.17 The simple interest on a sum of money is $\frac{9}{45}$ of the sum. If the number of years is numerically 5 times of rate per cent per annum, then find the rate per cent per annum.

- Ans
- 1. 5%
 - 2. 2%
 - 3. 7%
 - 4. 3%

Q.18 In $\triangle ABC$, $AB=9$ cm and $AC=13$ cm, then the length of BC could be:

- Ans
- 1. 4 cm
 - 2. 22 cm
 - 3. 20 cm
 - 4. 2 cm

Q.19 The average of 25 integers is zero. What is the maximum possible number of positive integers?

- Ans
- 1. 20
 - 2. 13
 - 3. 24
 - 4. 12

Q.20 Find the smallest non-zero value of k so that 7-digit number $48397k5$ is divisible by 9.

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

Q.21 The following table gives the number of post-graduate students enrolled in 4 different colleges A, B, C, and D in a city over the years 2015-2018 and also the number of students who passed the final examination during these years. Study the table carefully and answer the question.

Year / College	2015 enrolled	2015 passed	2016 enrolled	2016 passed	2017 enrolled	2017 passed	2018 enrolled	2018 passed
A	720	680	650	600	850	800	900	860
B	700	650	720	680	800	750	850	780
C	800	720	850	780	900	850	950	870
D	850	760	900	850	1000	900	1020	950

Find the percentage of students who passed from college C over all the years put together to the number of students enrolled in college A over all the years (rounded off to 2 decimal places).

- Ans
- 1. 1.0112
 - 2. 1.0021
 - 3. 1.0212
 - 4. 1.0321

Q.22 If $x = 7 - 4\sqrt{3}$, then find the value of $\left(x^2 + \frac{1}{x^2}\right)$.

- Ans
- 1. 194
 - 2. 196
 - 3. 195
 - 4. 197

Q.23 The number of toys manufactured by a machine in 2018 was 25,000, which increased by 20% in 2019. In 2020, the production was hindered by strike and it fell by 15%. How many total toys were manufactured in three years by the machine?

- Ans
- 1. 25500
 - 2. 80000
 - 3. 80500
 - 4. 89500

Q.24

If $P \sin 60^\circ = Q \operatorname{cosec} 45^\circ$, then the value of $\frac{P^2 + Q^2}{P^2 - Q^2}$ is equal to:

Ans

1. $\frac{11}{7}$

2. $\frac{7}{11}$

3. $\frac{5}{11}$

4. $\frac{11}{5}$

Q.25 Find the largest number which should replace P in the 7- digit number 87893P4 to make the number divisible by 4.

Ans

1. 9

2. 2

3. 8

4. 0

Section : English Language

Q.1 Select the option that expresses the given sentence in passive voice.

The child was testing the patience of her mother.

Ans

1. The patience of her mother was being tested by the child.

2. The patience of her mother had been tested by the child.

3. Her mother was tested by the patient child.

4. The patience of her mother was tested by the child.

Q.2 Select the correct active voice of the given sentence
Why was such a letter written by Rupesh?

Ans

1. Why has Rupesh writes such a letter?

2. Why did Rupesh wrote such a letter?

3. Why is Rupesh write such a letter?

4. Why did Rupesh write such a letter?

Q.3 Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

She met my cousin, whose she later married

Ans

1. whom she later married

2. she later married

3. No substitution required

4. which she later married

Q4 Select the option that expresses the given sentence in indirect speech.

Shanky said, 'I'll be disposing of the old iPhone next Wednesday'.

- Ans
- 1. Shanky said that he would have been disposing of the old iPhone the following Wednesday.
 - 2. Shanky said that he will have been disposing off the old iPhone the following Wednesday.
 - 3. Shanky said that he would be disposing off the old iPhone the following Wednesday.
 - 4. Shanky said that he would be disposing of the old iPhone the following Wednesday.

Q5 Select the most appropriate option to fill in the blank.

One answer to the _____ of air pollution is to build a car that does not pollute.

- Ans
- 1. problem
 - 2. measure
 - 3. resolution
 - 4. basis

Q6 Select the most appropriate meaning of the given idiom.

Midhuna was nineteen years old, too young to buy the farm

- Ans
- 1. Own a property
 - 2. Possess anything
 - 3. Spend money
 - 4. Stop living

Q7 Parts of the following sentence have been given as options. Select the option that contains an error.

Netaji, a hero of Modern India, is remembered for his contribution in the establishment of Indian Army.

- Ans
- 1. Netaji, a hero of Modern
 - 2. his contribution in the
 - 3. establishment of Indian Army.
 - 4. India, is remembered for

Q8 Select the most appropriate synonym of the given word.

Efficacy

- Ans
- 1. Efficiency
 - 2. Conspiracy
 - 3. Ecstasy
 - 4. Urgency

Q9 Select the most appropriate synonym of the given word.
Confiscate

- Ans
- 1. Yield
 - 2. Release
 - 3. Sprint
 - 4. Seize

Q.10 Select the most appropriate ANTONYM of the underlined word in the following sentence.

The film actor and director were accused of indulging imepotism.

- Ans
- 1. Favouritism
 - 2. Partiality
 - 3. Impartiality
 - 4. Inclination

Q.11 Select the sentence that has NO spelling errors.

- Ans
- 1. Despite his youthfull appearance, the wise old man possessed a wealth of knowledge and experience.
 - 2. Despite his youthful apearance, the wise old man possessed a wealth of knowledge and experince.
 - 3. Despite his youthfull apearance, the wise old man possessed a wealth of knowledge and experience.
 - 4. Despite his youthful appearance, the wise old man possessed a wealth of knowledge and experience.

Q.12 Select the option that expresses the given sentence in direct speech.

Rekha asked me what I was doing.

- Ans
- 1. Rekha said to me, "What were you doing?"
 - 2. Rekha said to me, "What was you doing?"
 - 3. Rekha said to me, "What are I doing?"
 - 4. Rekha said to me, "What are you doing?"

Q.13 Select the sentence that has NO spelling errors.

- Ans
- 1. The clear blue waters of the lagoon called to me, inviting me to dive into its peaceful embrace.
 - 2. The clear blue waters of the laggon called to me, inviting me to dieve into its peaceful embrece.
 - 3. The clear blue waters of the lagoon caled to me, inviting me to dieve into its peacefull embrace.
 - 4. The clear blue waters of the lagon called to me, inviting me to dive into its peacefull embrece.

Q.14 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- A. Lying in bed waiting
- B. For the postman to bring
- C. Him news of a legacy
- D. Luck keeps on

- Ans
- 1. ADBC
 - 2. DABC
 - 3. BDCA
 - 4. BDAC

Q.15 Select the most appropriate option to fill in the blank.

Shraddha wandered through the labyrinth of thoughts, seeking clarity ____ chaos.

- Ans
- 1. down
 - 2. for
 - 3. upstairs
 - 4. amidst

Comprehension:

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

The silk routes are a good example of vibrant pre-modern trade and cultural links between _____1_____ parts of the world. The name 'silk routes' points to the _____2_____ of West-bound Chinese silk cargoes along this route. Historians have identified several silk routes, over land and by sea, knitting together vast regions of Asia, and _____3_____ Asia with Europe and northern Africa. They are known to have existed since before the Christian Era and _____4_____ almost till the fifteenth century. But Chinese pottery also _____5_____ the same route, as did textiles and spices from India and Southeast Asia.

SubQuestion No : 16

Q.16 Select the most appropriate option to fill in blank number 1.

- Ans
- 1. indirect
 - 2. distant
 - 3. further
 - 4. indifferent

Comprehension:

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

The silk routes are a good example of vibrant pre-modern trade and cultural links between _____1_____ parts of the world. The name 'silk routes' points to the _____2_____ of West-bound Chinese silk cargoes along this route. Historians have identified several silk routes, over land and by sea, knitting together vast regions of Asia, and _____3_____ Asia with Europe and northern Africa. They are known to have existed since before the Christian Era and _____4_____ almost till the fifteenth century. But Chinese pottery also _____5_____ the same route, as did textiles and spices from India and Southeast Asia.

SubQuestion No : 17

Q.17 Select the most appropriate option to fill in blank number 2.

- Ans
- 1. importance
 - 2. insignificance
 - 3. consequence
 - 4. emphasis

Comprehension:

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

The silk routes are a good example of vibrant pre-modern trade and cultural links between _____1_____ parts of the world. The name 'silk routes' points to the _____2_____ of West-bound Chinese silk cargoes along this route. Historians have identified several silk routes, over land and by sea, knitting together vast regions of Asia, and _____3_____ Asia with Europe and northern Africa. They are known to have existed since before the Christian Era and _____4_____ almost till the fifteenth century. But Chinese pottery also _____5_____ the same route, as did textiles and spices from India and Southeast Asia.

SubQuestion No : 18

Q.18 Select the most appropriate option to fill in blank number 3.

- Ans 1. collecting
 2. linking
 3. sharing
 4. dividing

Comprehension:

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

The silk routes are a good example of vibrant pre-modern trade and cultural links between _____1_____ parts of the world. The name 'silk routes' points to the _____2_____ of West-bound Chinese silk cargoes along this route. Historians have identified several silk routes, over land and by sea, knitting together vast regions of Asia, and _____3_____ Asia with Europe and northern Africa. They are known to have existed since before the Christian Era and _____4_____ almost till the fifteenth century. But Chinese pottery also _____5_____ the same route, as did textiles and spices from India and Southeast Asia.

SubQuestion No : 19

Q.19 Select the most appropriate option to fill in blank number 4.

- Ans 1. radiated
 2. languished
 3. thrived
 4. retreated

Comprehension:

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

The silk routes are a good example of vibrant pre-modern trade and cultural links between _____1_____ parts of the world. The name 'silk routes' points to the _____2_____ of West-bound Chinese silk cargoes along this route. Historians have identified several silk routes, over land and by sea, knitting together vast regions of Asia, and _____3_____ Asia with Europe and northern Africa. They are known to have existed since before the Christian Era and _____4_____ almost till the fifteenth century. But Chinese pottery also _____5_____ the same route, as did textiles and spices from India and Southeast Asia.

SubQuestion No : 20

Q.20 Select the most appropriate option to fill in blank number 5.

- Ans 1. stayed
 2. migrated
 3. walked
 4. travelled

Comprehension:

Read the given passage carefully and answer the question that follows.

Once, an old farmer named John lived in a village. Despite the arrival of young farmers with modern techniques, John stuck to traditional methods, believing in hard work and patience. One day, a group of young farmers came to the village and started using modern farming techniques and equipment. They boasted about their high yields and profits, and many of the villagers were impressed. Over time, the young farmers struggled while John's farm thrived, showcasing healthy crops and well-cared-for animals. Recognising his wisdom, the villagers sought John's guidance, and he became a respected elder. He taught them the importance of respecting nature, working with it, and embodying values like perseverance and hard work. John's farm became a model for sustainable and ethical practices, leaving a lasting legacy. He was remembered as a wise and humble man who dedicated his life to the land and community.

SubQuestion No : 21

Q.21 What did the young farmers do when they came to the village?

- Ans
- 1. They started a new business in the village.
 - 2. They started using modern farming techniques and equipment.
 - 3. They started using traditional farming methods.
 - 4. They left the village soon after arriving.

Comprehension:

Read the given passage carefully and answer the question that follows.

Once, an old farmer named John lived in a village. Despite the arrival of young farmers with modern techniques, John stuck to traditional methods, believing in hard work and patience. One day, a group of young farmers came to the village and started using modern farming techniques and equipment. They boasted about their high yields and profits, and many of the villagers were impressed. Over time, the young farmers struggled while John's farm thrived, showcasing healthy crops and well-cared-for animals. Recognising his wisdom, the villagers sought John's guidance, and he became a respected elder. He taught them the importance of respecting nature, working with it, and embodying values like perseverance and hard work. John's farm became a model for sustainable and ethical practices, leaving a lasting legacy. He was remembered as a wise and humble man who dedicated his life to the land and community.

SubQuestion No : 22

Q.22 What was the name of the old farmer in the story?

- Ans
- 1. Jack
 - 2. Joe
 - 3. John
 - 4. James

Comprehension:

Read the given passage carefully and answer the question that follows.

Once, an old farmer named John lived in a village. Despite the arrival of young farmers with modern techniques, John stuck to traditional methods, believing in hard work and patience. One day, a group of young farmers came to the village and started using modern farming techniques and equipment. They boasted about their high yields and profits, and many of the villagers were impressed. Over time, the young farmers struggled while John's farm thrived, showcasing healthy crops and well-cared-for animals. Recognising his wisdom, the villagers sought John's guidance, and he became a respected elder. He taught them the importance of respecting nature, working with it, and embodying values like perseverance and hard work. John's farm became a model for sustainable and ethical practices, leaving a lasting legacy. He was remembered as a wise and humble man who dedicated his life to the land and community.

SubQuestion No : 23

Q.23 What can we infer about John's character from the story?

- Ans
- 1. He was arrogant and stubborn.
 - 2. He was lazy and unproductive.
 - 3. He was wise and humble.
 - 4. He was dishonest and deceitful.

Comprehension:

Read the given passage carefully and answer the question that follows.

Once, an old farmer named John lived in a village. Despite the arrival of young farmers with modern techniques, John stuck to traditional methods, believing in hard work and patience. One day, a group of young farmers came to the village and started using modern farming techniques and equipment. They boasted about their high yields and profits, and many of the villagers were impressed. Over time, the young farmers struggled while John's farm thrived, showcasing healthy crops and well-cared-for animals. Recognising his wisdom, the villagers sought John's guidance, and he became a respected elder. He taught them the importance of respecting nature, working with it, and embodying values like perseverance and hard work. John's farm became a model for sustainable and ethical practices, leaving a lasting legacy. He was remembered as a wise and humble man who dedicated his life to the land and community.

SubQuestion No : 24

Q.24 What would be an appropriate title for this story?

- Ans
- 1. The Wisdom of Traditional Farming
 - 2. The War Between Old and New Farmers
 - 3. The Rise of Modern Farming Techniques
 - 4. The Importance of Patience in Farming

Comprehension:

Read the given passage carefully and answer the question that follows.

Once, an old farmer named John lived in a village. Despite the arrival of young farmers with modern techniques, John stuck to traditional methods, believing in hard work and patience. One day, a group of young farmers came to the village and started using modern farming techniques and equipment. They boasted about their high yields and profits, and many of the villagers were impressed. Over time, the young farmers struggled while John's farm thrived, showcasing healthy crops and well-cared-for animals. Recognising his wisdom, the villagers sought John's guidance, and he became a respected elder. He taught them the importance of respecting nature, working with it, and embodying values like perseverance and hard work. John's farm became a model for sustainable and ethical practices, leaving a lasting legacy. He was remembered as a wise and humble man who dedicated his life to the land and community.

SubQuestion No : 25

Q.25 Why did John remain steadfast in his traditional farming methods?

- Ans**
- 1. He didn't have enough money to invest in modern equipment.
 - 2. He believed that hard work and patience were the keys to success.
 - 3. He was too old to learn new techniques.
 - 4. He was afraid of changing and could not invest.
-