

## Selection Post Examination Phase XII 2024

Exam Date	20/06/2024
Exam Time	11:45 AM - 12:45 PM
Subject	Selection Post Higher Secondary level

### Section : General Intelligence

**Q1** Select the number from among the given options that can replace the question mark (?) in the following series.

4, 14, 34, 64, ?, 154

- Ans
- 1. 94
  - 2. 104
  - 3. 114
  - 4. 124

**Q2** In a certain code language,  
'A + B' means 'A is the father of B',  
'A - B' means 'A is the brother of B',  
'A × B' means 'A is the daughter of B',  
'A ÷ B' means 'A is the sister of B'  
Based on the above, how is J related to T if 'T - M + H ÷ K × J'?

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

**Q3** 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.

CASTLE : SCALET :: PRIMED : IPREDM :: PHONES : ?

- Ans
- 1. OPHESN
  - 2. OHPSEN
  - 3. OPHSEN
  - 4. OHPESN

**Q4** In this question, 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 follows/follow from the statements.

Statements:

All mangoes are fruits.

Some mangoes are pears.

All pears are vegetables.

Conclusions:

I. Some mangoes are vegetables.

II. Some fruits are vegetables.

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

Q5 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:

Only a few ladders are walls.

Some ladders are vans.

All vans are cans.

Conclusions:

I. Some cans are ladders.

II. All walls being cans is a possibility.

III. No vans can be walls.

- Ans
- 1. Both conclusions II and III follow
  - 2. Both conclusions I and II follow
  - 3. Both conclusions I and III follow
  - 4. All conclusions, I, II and III, follow

Q6 In a certain code language. 'JAMB' is written as 'SBPA' and 'BOAT' is written as 'ANBI'. How will 'JERK' be written in that language?

- Ans
- 1. SXKR
  - 2. SXRK
  - 3. SRKX
  - 4. SKRX

Q7 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)

Eye : See :: Skin : ?

- Ans
- 1. Touch
  - 2. Hard
  - 3. Hot
  - 4. Soft

Q8 'M \$ N' means 'M is the son of N',  
 'M + N' means 'M is the daughter-in-law of N',  
 'M ÷ N' means 'M is the husband of N',  
 'M & N' means 'M is the wife of N',  
 'M = N' means 'M is the brother of N'.  
 If 'G \$ C = A ÷ B + D & E', then how is E related to C?

- Ans
- 1. Father
  - 2. Brother
  - 3. Son
  - 4. Father's brother

Q.9 The numbers in each set are related to each other in a certain way.  
(2, 8, 4), (7, 343, 49), (4, 64, ?)  
Based on the relationship among the numbers in the first two sets,  
select the number that can replace the question mark (?) in the third  
set.

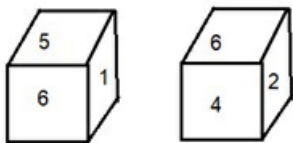
- Ans
- 1. 32
  - 2. 12
  - 3. 8
  - 4. 16

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

1. Peril
2. Perfume
3. Permission
4. Perform
5. Period
6. Perplex

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

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



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

Q.12 Select the option that represents the correct order of the given  
words as they would appear in an English dictionary.

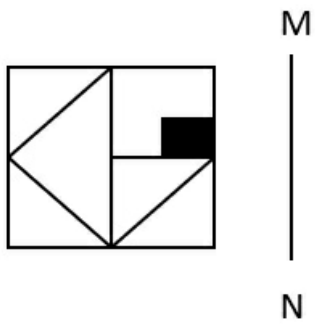
1. Grouping
2. Grotesque
3. Grovel
4. Ground
5. Groundless

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

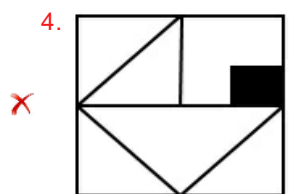
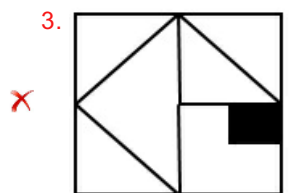
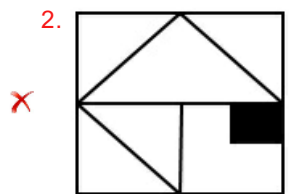
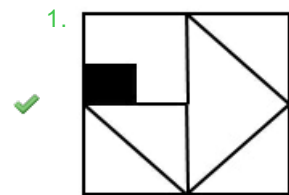
Q.13 In a certain code language, 'BLOW' is coded as '3517' and 'LIFE' is  
coded as '4258'. What is the code for 'L' in that language?

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

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



Ans



Q.15 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

\_\_ J R \_ J R \_ J \_ R \_ RR\_

- Ans
- 1. JRRJJRJ
  - 2. JJRRJRJ
  - 3. RJRRJJ
  - 4. RRRRJJ

Q.16 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

\_UG\_HU\_EH\_GE\_\_G\_

- Ans
- 1. HGEUGHE
  - 2. GEHUEHU
  - 3. EHUGHGE
  - 4. HEGUHUE

Q.17 In a certain code language, 'BONE' is written as '619189', and 'CASH' is written as '752312'. How will 'DAWN' be written in that language?

- Ans
- 1. 851518
  - 2. 751517
  - 3. 751615
  - 4. 852718

Q.18 If '+' means 'division', '-' means 'multiplication', '÷' means 'addition' and '×' means 'subtraction', then what is the value of the following expression?

$$19 - 6 \div 306 + 17 \times 9$$

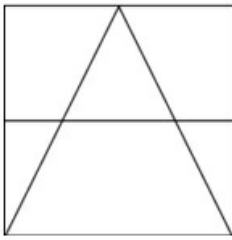
- Ans
- 1. 123
  - 2. 218
  - 3. 212
  - 4. 126

Q.19 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 P related to V if 'R + P × Q ÷ S - T × V'?

- Ans
- 1. Son's daughter
  - 2. Son's mother
  - 3. Wife's mother
  - 4. Daughter's husband

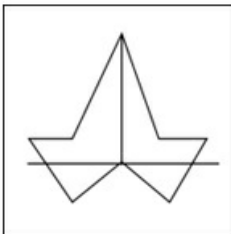
Q.20 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).



Ans

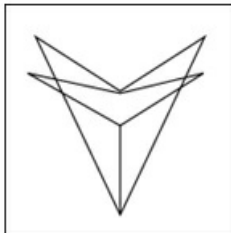
1.

✗



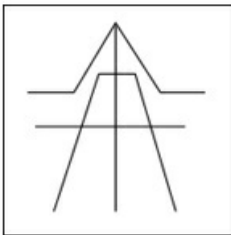
2.

✗



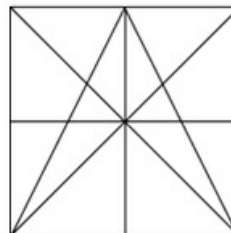
3.

✗



4.

✓



Q.21 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Manufacturing
2. Raw material
3. Consumption
4. Material processing
5. Distribution

Ans

✗ 1. 4, 5, 2, 1, 3

✗ 2. 4, 2, 1, 5, 3

✗ 3. 2, 1, 4, 5, 3

✓ 4. 2, 4, 1, 5, 3

Q22 In this question, 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 follows/follow from the statements.

Statements:

All socks are clothes.

All clothes are shoes.

Some shoes are gloves.

Conclusions:

I. Some shoes are socks.

II. Some gloves are clothes.

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

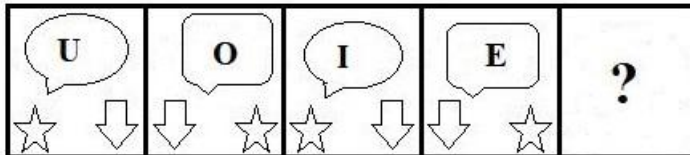
Q23 Select the option that is related to the third word in the same way as the second word is related to the first word.

(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)

Snake : Bite :: Bee : ?

- Ans
- ✓ 1. Sting
  - ✗ 2. Hive
  - ✗ 3. Honey
  - ✗ 4. Buzz

Q24 Select the figure from among the given options that can replace the question mark (?) in the following series.



- Ans
- 1. ✗
  - 2. ✗
  - 3. ✗
  - 4. ✓

Q25 In a certain code language, 'BROWSE' is written as 'ZJMEIW' and 'ROAD' is written as 'JMAX'. How will 'BUDGET' be written in that language?

- Ans
- 1. ZGXUHW
  - 2. ZGXWHU
  - 3. ZGXUWH
  - 4. ZGXHWU

Section : General Awareness

Q1 Which of the following duties is mentioned as the 11th Fundamental Duty in the Indian Constitution?

- Ans
- 1. To develop a scientific temper
  - 2. To cherish and preserve the rich national heritage of our culture
  - 3. To protect the integrity and unity of India
  - 4. To provide opportunities for education to children between 6-14 years of age

Q2 Which of the following is a poor conductor of electricity?

- Ans
- 1. Water from pond
  - 2. Tap water
  - 3. Distilled water
  - 4. Water from hand pump

Q3 The Salary, Allowances and Pension of Members of Parliament (Amendment) ordinance, 2020 reduced the salary of Members of Parliament by \_\_\_\_\_ for a period of one year commencing from 1 April 2020 to meet the exigencies arising out of COVID-19.

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

Q4 The Karbi tribe, which celebrates the cultural festival 'Rongker', belongs to the Indian state of \_\_\_\_\_.

- Ans
- 1. Assam
  - 2. Uttarakhand
  - 3. Kerala
  - 4. Maharashtra

Q5 Who among the following wrote the book 'Straight from the Heart'?

- Ans
- 1. Sachin Tendulkar
  - 2. Milkha Singh
  - 3. Mary Kom
  - 4. Kapil Dev

Q6 The census operations of India had been carried out in \_\_\_\_\_ phases according to census 2011.

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



Q.7 Which of the following schemes was launched by the Chhattisgarh Government on the occasion of the International Day of Forests in 2023?

- Ans
- 1. Krishi Vikas Yojana
  - 2. Mukhya Mantri Krishi Yojana
  - 3. Farmer income scheme
  - 4. Mukhya Mantri Vriksha Sampada Yojana

Q.8 Harisena, the author of Prayag Prashasti, was the court poet of which of the following Gupta emperors?

- Ans
- 1. Kumaragupta I
  - 2. Skandagupta
  - 3. Samudraguta
  - 4. Ramagupta

Q.9 Ricky Kej, a globally acclaimed musician from India, won the 57th Grammy Award for which of the following albums?

- Ans
- 1. Winds of Samsara
  - 2. Mountain Dreams
  - 3. Mystic Mountains
  - 4. Divine Tides

Q.10 Sea ice helps determine Earth's climate. According to this, what percentage of the sunlight falling on sea ice is reflected back into space?

- Ans
- 1. 80%
  - 2. 85%
  - 3. 75%
  - 4. 70%

Q.11 Which of the following dynasties of Delhi Sultanate founded Agra city?

- Ans
- 1. Khalji dynasty
  - 2. Sayyid dynasty
  - 3. Tughluq dynasty
  - 4. Lodi dynasty

Q.12 Anantha R Krishnan is associated with which musical instrument?

- Ans
- 1. Drums
  - 2. Mridangam
  - 3. Tabla
  - 4. Violin

Q.13 \_\_\_\_\_ is a state of deprivation that reflects the inability of an individual to satisfy basic needs for a sustained, healthy and reasonably productive living.

- Ans
- 1. Poverty
  - 2. Bondage
  - 3. Illiteracy
  - 4. Ignorance

Q.14 According to the Carbon Brief Review 2019 data, India is the world's \_\_\_\_\_ largest emitter of greenhouse gases (GHGs).

- Ans
- 1. fifth
  - 2. ninth
  - 3. seventh
  - 4. third

Q.15 Which of the following bacteria grow in milk and convert it to curd?

- Ans
- 1. Lactic acid bacteria
  - 2. Salmonella typhi
  - 3. Salmonella lactae
  - 4. E. curdae

Q.16 Which option is NOT correct in case of appointment of a Governor?

- Ans
- 1. Citizen of India
  - 2. Should be at least 35 years
  - 3. Cannot hold any office of profit during his tenure
  - 4. Appointed for six years

Q.17 At which of the following places in the Indus valley civilisation a brick structure has been identified as a dockyard meant for berthing ships and handling cargo?

- Ans
- 1. Mohanjodaro
  - 2. Lothal
  - 3. Rakhigarhi
  - 4. Dhaulavira

Q.18 Which of the following Acts abolished the East India Company's monopoly of trade with China?

- Ans
- 1. Charter Act of 1853
  - 2. Charter Act of 1793
  - 3. Government of India Act 1858
  - 4. Charter Act of 1833

Q.19 Which Indian award was established in the year 1982, to promote and encourage scientific efforts in the field of environment and ecology?

- Ans
- 1. Sanjay Gandhi Award for Environment and Ecology
  - 2. B P Pal National Environment Fellowship Award for Biodiversity
  - 3. Indira Gandhi Paryavaran Puraskar
  - 4. Pitambar Pant National Environment Fellowship Award

Q.20 Who has been appointed as the new Chairman of the National Highways Authority of India (NHAI) in December 2022?

- Ans
- 1. Gajender Sharma
  - 2. Anshul Mishra
  - 3. Dinesh Menon
  - 4. Santosh Kumar Yadav

Q.21 When a non-minister proposes a bill, it is called:

- Ans
- 1. Government Bill
  - 2. Money Bill
  - 3. Private Member's Bill
  - 4. Non-Money Bill

Q.22 Which is the world's largest PV Solar Park located in one of the Indian states?

- Ans
- 1. Harshad Solar Park
  - 2. Pavagada Solar Park
  - 3. Bhadla Solar Park
  - 4. Dholera Solar Park

Q.23 By the Act of \_\_\_\_\_, the Governor General in Council was given the power to legislate for the whole of the British territories in India.

- Ans
- 1. Charter Act of 1853
  - 2. Charter Act of 1793
  - 3. Charter Act of 1833
  - 4. Charter Act of 1813

Q.24 On whose advice does the Governor appoint the ministers?

- Ans
- 1. Chief Minister
  - 2. President
  - 3. Vice-President
  - 4. Prime Minister

Q.25 The National Youth Day or the 'Yuwa Diwas' is celebrated on which day in India?

- Ans
- 1. 26 November
  - 2. 26 January
  - 3. 14 April
  - 4. 12 January

Section : Quantitative Aptitude

Q.1 A bus covers 1200 km in 30 hours. What is its average speed in m/s?

- Ans
- 1.  $12\frac{1}{3}$
  - 2.  $13\frac{1}{9}$
  - 3.  $12\frac{1}{9}$
  - 4.  $11\frac{1}{9}$

Q.2 The radius of a circle is increased in such a way that its circumference increases by 7%. As a result, the area of the circle also increases by:

- Ans
- 1. 14.49%
  - 2. 12.20%
  - 3. 18.69%
  - 4. 10.28%

Q.3 In an election between two candidates, the first gets 75% of the total valid votes. If 20% votes are invalid among 2,48,000 votes, then how many votes were cast in the favour of the other candidate?

- Ans
- 1. 56600
  - 2. 53800
  - 3. 49600
  - 4. 46800

Q4 The following table shows the production of washing machines (in thousands) in different factories in different years.

Factory/Year	2001	2002	2003	2004	2005
P	28	23	27	31	29
Q	14	18	25	22	30
R	31	29	33	30	23
S	23	28	36	35	27

In which year was the production of washing machines in Factory Q more than that in Factory R?

- Ans
- 1. 2003
  - 2. 2005
  - 3. 2002
  - 4. 2004

Q5 If the vertical angle of an isosceles triangle is  $42^\circ$ , then the measure of the other two angles will be:

- Ans
- 1.  $69^\circ$  and  $69^\circ$
  - 2.  $59^\circ$  and  $59^\circ$
  - 3.  $89^\circ$  and  $89^\circ$
  - 4.  $79^\circ$  and  $79^\circ$

Q6 Evaluate  $7\left(\frac{\operatorname{cosec} 24^\circ}{\sec 66^\circ}\right)^3 + 8\left(\frac{\cot 37^\circ}{\tan 53^\circ}\right)^4 - \left(2\frac{\sec 14^\circ}{\operatorname{cosec} 76^\circ}\right)^2 + \left(-3\frac{\tan 82^\circ}{\cot 8^\circ}\right)^3$ .

- Ans
- 1. -16
  - 2. 40
  - 3. 2
  - 4. 10

Q7 Sahil covers a distance of 96 km at the speed of 16 km/h and covers another distance at the speed of 21 km/h in 5 hours. What is his average speed (in km/h)? (Rounded off to 2 decimal places)

- Ans
- 1. 18.27
  - 2. 19.45
  - 3. 17.47
  - 4. 18.50

Q8 The dimensions of a rectangular field when extended by 6 metres are in the ratio of 4 : 3 and when decreased by 6 metres are in the ratio of 2 : 1. Find the dimensions of the field.

- Ans
- 1. 18 metres, 12 metres
  - 2. 10 metres, 6 metres
  - 3. 16 metres, 12 metres
  - 4. 14 metres, 10 metres

Q9 P and Q can complete a job in 4 days and 12 days, respectively. They work on alternate days with P starting the job. In how many days will the job be completed?

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

Q.10 The radii of the two concentric circles are 27 cm and 18 cm. The area (in  $\text{cm}^2$ ) of the closed figure bounded by the boundaries of the circle is:

- Ans
- 1.  $405\pi$
  - 2.  $505\pi$
  - 3.  $288\pi$
  - 4.  $504\pi$

Q.11 The marked price of a grinder was ₹3,000, and the dealer offered successive discounts of 20% and 15% on it. For how much did he sell the grinder?

- Ans
- 1. ₹2,000
  - 2. ₹2,040
  - 3. ₹2,200
  - 4. ₹2,400

Q.12 A six-digit number is divisible by 33. If 21 is added to the number, then the new number which formed is also divisible by:

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

Q.13 How many times does the hour hand and minute hand of a clock coincide in half a day?

- Ans
- 1. 11
  - 2. 55
  - 3. 22
  - 4. 44

Q.14 A retailer buys 220 chocolates from a wholesaler for the marked price of 198 items. He then sells each chocolate at a discount of 3.7%. What is his profit percentage?

- Ans
- 1. 7%
  - 2. 7.2%
  - 3. 6.3%
  - 4. 6%

Q.15 If  $x^2 + \frac{1}{x^2} = 119$  ( $x > 0$ ), then the value of  $\left(x^3 + \frac{1}{x^3}\right)$  is:

- Ans
- 1. 1125
  - 2. 1331
  - 3. 1298
  - 4. 1920

Q.16 The dimensions of a cuboid are 8 cm, 12 cm and 14 cm. Find the total surface area.

- Ans
- 1.  $751 \text{ cm}^2$
  - 2.  $754 \text{ cm}^2$
  - 3.  $753 \text{ cm}^2$
  - 4.  $752 \text{ cm}^2$

Q.17 Pooja, Chameli and Anju have a total of ₹450 in their purses. Pooja has ₹50 more than Chameli. Anju has two times what Pooja has. How much do Pooja, Chameli and Anju, respectively, have in their purses?

- Ans
- ✓ 1. ₹125, ₹75 and ₹250
  - ✗ 2. ₹100, ₹50 and ₹300
  - ✗ 3. ₹150, ₹75 and ₹225
  - ✗ 4. ₹125, ₹50 and ₹275

Q.18 Simplify :  $25^3 - 75^3 + 50^3$

- Ans
- ✗ 1. -281450
  - ✗ 2. 281350
  - ✓ 3. -281250
  - ✗ 4. 271250

Q.19 Anita saves 20% of her income. If her income is increased by 30% and she saves 25% of the new income, by what percentage will her actual savings increase?

- Ans
- ✗ 1. 65.20%
  - ✗ 2. 70%
  - ✓ 3. 62.50%
  - ✗ 4. 83%

Q.20 If 8 men or 16 women or 32 boys can do a piece of work in 8 months, then in how many months can 4 men, 4 women and 4 boys together complete the work?

- Ans
- ✗ 1.  $8\frac{2}{7}$
  - ✗ 2.  $10\frac{5}{7}$
  - ✓ 3.  $9\frac{1}{7}$
  - ✗ 4.  $6\frac{3}{7}$

Q.21 In a division sum, the divisor is 13 times the quotient and 6 times the remainder. If the remainder is 39, then the dividend is:

- Ans
- ✗ 1. 4,800
  - ✗ 2. 4,240
  - ✗ 3. 4,576
  - ✓ 4. 4,251

Q.22 Find the area of an equilateral triangle whose sides are 16 cm each.

- Ans
- ✓ 1.  $64\sqrt{3} \text{ cm}^2$
  - ✗ 2.  $60\sqrt{3} \text{ cm}^2$
  - ✗ 3.  $62\sqrt{3} \text{ cm}^2$
  - ✗ 4.  $66\sqrt{3} \text{ cm}^2$

Q.23 A bus covers the first 70 km of its journey in 40 minutes and the remaining 60 km in 30 minutes. The average speed of the bus, in km/h, is:

Ans  1.  $109\frac{3}{7}$

2.  $91\frac{2}{7}$

3.  $111\frac{3}{7}$

4.  $106\frac{5}{7}$

Q.24 What annual instalment will discharge a debt of Rs.3,658 due in four years at 12% simple interest per annum?

Ans  1. Rs.775

2. Rs.725

3. Rs.825

4. Rs.750

Q.25 Two numbers are in the ratio 4 : 5. If 3 is added to the smaller and 7 is subtracted from the larger number, they are in the ratio 1 : 1. Find the numbers.

Ans  1. 40, 50

2. 55, 44

3. 20, 25

4. 60, 75

Section : English Language

Q.1 Select the option that expresses the given sentence in passive voice.

Jim will translate it.

Ans  1. It would translate by Jim.

2. It is translated by Jim.

3. It will be translated by Jim.

4. It will be translate by Jim.

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

A person in charge of the old people's home or a hostel

Ans  1. Warden

2. Warder

3. Watchman

4. Guard

Q.3 Select the most appropriate meaning of the given idiom.  
Call it a day

Ans  1. Start working on something

2. Start a day badly

3. Stop working on something

4. The time at the end of the day

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

We must try and incorporate positive thinking in our lives to \_\_\_\_\_ countless benefits it has to offer.

- Ans
- 1. derive
  - 2. release
  - 3. contain
  - 4. ignore

Q5 Select the option that expresses the given sentence in indirect speech.

I said to Amit, "I am not participating in the annual function."

- Ans
- 1. I said Amit that I was not participating in the annual function.
  - 2. I told to Amit that I was not participating in the annual function.
  - 3. I told Amit that I was not participating in the annual function.
  - 4. I told Amit that he was not participating in the annual function.

Q6 Select the most appropriate ANTONYM of the given word.  
Miserable

- Ans
- 1. Cheerful
  - 2. Depressing
  - 3. Decorated
  - 4. Wealthy

Q7 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

He has been (1) watered the plants (2) for one hour. (3) No error

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

Q8 Select the option that expresses the given sentence in active voice.  
The novel was being read by many people.

- Ans
- 1. Many people had read the novel.
  - 2. The novel was read by many people.
  - 3. The novel is being read by many people.
  - 4. Many people were reading the novel.

Q9 Select the most appropriate idiom to fill in the blank.  
The imposition of lock down proved to be a \_\_\_\_\_ for many students who were not prepared for the examinations.

- Ans
- 1. feather in cap
  - 2. piece of cake
  - 3. blessing in disguise
  - 4. chip on their shoulder

Q10 Select the correct spelling of the underlined word in the following sentence.

I like drinking lamonade.

- Ans
- 1. Lemonade
  - 2. Lemonaid
  - 3. Lemenade
  - 4. Limonade



Q.11 Select the most appropriate meaning of the given idiom.

**Gift of the gab**

- Ans
- 1. Very beautiful
  - 2. Talent for speaking
  - 3. Attached to God
  - 4. Someone's precious gift

Q.12 Select the INCORRECTLY spelt word.

- Ans
- 1. Parallel
  - 2. Occurence
  - 3. Grateful
  - 4. Immediately

Q.13 Parts of the following sentence have been given as options. Select the option that contains an error.

**The toast was raised in honour of the chairman yesterday at hall.**

- Ans
- 1. yesterday at hall.
  - 2. The toast was
  - 3. raised in honour
  - 4. of the chairman

Q.14 Select the option that expresses the following sentence in active voice.

**About 200 birds were driven out of their habitats by the City Council based on a Health Department recommendation.**

- Ans
- 1. About 200 birds is driven out of their habitats based on a Health Department recommendation.
  - 2. A Health Department recommendation was the basis for the City Council to drive out 200 birds from their habitats.
  - 3. The City Council has driven about 200 birds out of their habitats based on a Health Department recommendation.
  - 4. The City Council drove about 200 birds out of their habitats, based on a Health Department recommendation.

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

**An absolute government by one man**

- Ans
- 1. Supremacy
  - 2. Aristocracy
  - 3. Autocracy
  - 4. Communism

**Comprehension:**

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

Tim Wright knows all about making companies more efficient. His firm, Check-up, sends 'secret shoppers' into retail and leisure companies in order to make sure that customers are receiving good service. After (1)\_\_\_\_\_ visit, the secret shoppers prepare a report for the company to let them know how the service was. "Companies like to know", says Mr Wright, "that (2)\_\_\_\_\_ customers go into a store just a few minutes before closing time, they will still get good service."

Check-up (3)\_\_\_\_\_ set up in the west of England and after two years moved to London so it could offer a nationwide service. (4)\_\_\_\_\_ the last three years, Check-up's profits have increased dramatically as companies have come to realise the great importance of good customer service. Last week, an important new contract was (5)\_\_\_\_\_ with a major supermarket chain.

**SubQuestion No : 16**

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

- Ans
- 1. there
  - 2. our
  - 3. his
  - 4. their

**Comprehension:**

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

Tim Wright knows all about making companies more efficient. His firm, Check-up, sends 'secret shoppers' into retail and leisure companies in order to make sure that customers are receiving good service. After (1)\_\_\_\_\_ visit, the secret shoppers prepare a report for the company to let them know how the service was. "Companies like to know", says Mr Wright, "that (2)\_\_\_\_\_ customers go into a store just a few minutes before closing time, they will still get good service."

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**SubQuestion No : 17**

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

- Ans
- 1. as
  - 2. while
  - 3. when
  - 4. then

**Comprehension:**

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

Tim Wright knows all about making companies more efficient. His firm, Check-up, sends 'secret shoppers' into retail and leisure companies in order to make sure that customers are receiving good service. After (1)\_\_\_\_\_ visit, the secret shoppers prepare a report for the company to let them know how the service was. "Companies like to know", says Mr Wright, "that (2)\_\_\_\_\_ customers go into a store just a few minutes before closing time, they will still get good service."

Check-up (3)\_\_\_\_\_ set up in the west of England and after two years moved to London so it could offer a nationwide service. (4)\_\_\_\_\_ the last three years, Check-up's profits have increased dramatically as companies have come to realise the great importance of good customer service. Last week, an important new contract was (5)\_\_\_\_\_ with a major supermarket chain.

**SubQuestion No : 18**

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

- Ans
- 1. are
  - 2. has
  - 3. is
  - 4. was

**Comprehension:**

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

Tim Wright knows all about making companies more efficient. His firm, Check-up, sends 'secret shoppers' into retail and leisure companies in order to make sure that customers are receiving good service. After (1)\_\_\_\_\_ visit, the secret shoppers prepare a report for the company to let them know how the service was. "Companies like to know", says Mr Wright, "that (2)\_\_\_\_\_ customers go into a store just a few minutes before closing time, they will still get good service."

Check-up (3)\_\_\_\_\_ set up in the west of England and after two years moved to London so it could offer a nationwide service. (4)\_\_\_\_\_ the last three years, Check-up's profits have increased dramatically as companies have come to realise the great importance of good customer service. Last week, an important new contract was (5)\_\_\_\_\_ with a major supermarket chain.

**SubQuestion No : 19**

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

- Ans
- 1. Until
  - 2. During
  - 3. For
  - 4. From

**Comprehension:**

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

Tim Wright knows all about making companies more efficient. His firm, Check-up, sends 'secret shoppers' into retail and leisure companies in order to make sure that customers are receiving good service. After (1)\_\_\_\_\_ visit, the secret shoppers prepare a report for the company to let them know how the service was. "Companies like to know", says Mr Wright, "that (2)\_\_\_\_\_ customers go into a store just a few minutes before closing time, they will still get good service."

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**SubQuestion No : 20**

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

- Ans**
- ✓ 1. signed
  - ✗ 2. sign
  - ✗ 3. have signed
  - ✗ 4. signing

**Comprehension:**

Read the given passage and answer the questions that follow.

Seeking to move towards a cashless economy, the government has proposed income tax benefits for people making payments through credit or debit cards, besides doing away with transaction charges on the purchase of petrol, gas and rail tickets with plastic money. This is the first serious effort to tackle the predominance of cash in India's economy. India is a hugely cash-dependent economy. The RBI and commercial banks annually spend around Rupees 21,000 crore in currency operations costs while the citizens of Delhi alone spend Rupees 9.1 crore and 60 lakh hours in collecting cash.

The scale of this burden is unique to India considering that it is among the most cash-intensive economies with a cash-to-GDP ratio of 12%, almost four times as much as other markets such as Brazil (3.93%), Mexico (5.3%) and South Africa (3.73%). Moreover, cash transactions and black money are directly linked, since a cash trail is nigh impossible to track. As such, electronic transactions and the ease of audit they afford should make the government's job much easier in terms of curbing illegal transactions.

What the switchover to payments by credit and debit cards means is that the payer must have money in the bank. This can be facilitated through a greater recourse to direct cash transfer of subsidies to banks. But, those who avail of this may not belong to the section that pays income tax. Given that less than three per cent of our population pays income tax, transactions by plastic cards may not amount to much. But, the scene is changing. For instance, payments by mobiles have grown from just 860 transactions in November 2010 to 4.4 million in August 2014. With the spread of Internet and expansion of e-commerce, online payments are fast catching on among the middle class. These are mostly cashless transactions. It is also necessary to remember that a move towards a cashless economy will eliminate the cost of printing and distributing cash. If to these expenses are added the cost of storage and maintaining the currencies in the over 60,000 ATMs, the outlay becomes prohibitive. The answer is a buoyant economy that will reduce the numbers of those who still regard cash as the only reliable legal tender.

**SubQuestion No : 21**

**Q.21 How does the spread of the internet and expansion of e-commerce help people?**

- Ans**
- 1. Online payments are slow catching.
  - 2. Online payments don't attract people at all.
  - 3. Online payments are fast catching.
  - 4. Online payments are expensive.

**Comprehension:**

Read the given passage and answer the questions that follow.

Seeking to move towards a cashless economy, the government has proposed income tax benefits for people making payments through credit or debit cards, besides doing away with transaction charges on the purchase of petrol, gas and rail tickets with plastic money. This is the first serious effort to tackle the predominance of cash in India's economy. India is a hugely cash-dependent economy. The RBI and commercial banks annually spend around Rupees 21,000 crore in currency operations costs while the citizens of Delhi alone spend Rupees 9.1 crore and 60 lakh hours in collecting cash.

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**SubQuestion No : 22**

**Q.22 Which of the following statements is INCORRECT according to the passage?**

- Ans**
- ✓ 1. Less than 4% of our population pays income tax.
  - ✗ 2. The RBI and commercial banks annually spend around Rupees 21,000 crore in currency operations costs.
  - ✗ 3. Citizens of Delhi alone spend Rupees 9.1 crore and 60 lakh hours in collecting cash.
  - ✗ 4. Payments by mobiles have grown from 860 transactions in 2010 to 4.4 million in 2014.

**Comprehension:**

Read the given passage and answer the questions that follow.

Seeking to move towards a cashless economy, the government has proposed income tax benefits for people making payments through credit or debit cards, besides doing away with transaction charges on the purchase of petrol, gas and rail tickets with plastic money. This is the first serious effort to tackle the predominance of cash in India's economy. India is a hugely cash-dependent economy. The RBI and commercial banks annually spend around Rupees 21,000 crore in currency operations costs while the citizens of Delhi alone spend Rupees 9.1 crore and 60 lakh hours in collecting cash.

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**SubQuestion No : 23**

**Q.23 How would e-transactions help the Government of India?**

- Ans**
- ✓ 1. Curbing illegal transactions
  - ✗ 2. Increasing the cash transportation charges at government level
  - ✗ 3. Increasing the paperwork of the government
  - ✗ 4. Increasing the audit work at government level

**Comprehension:**

Read the given passage and answer the questions that follow.

Seeking to move towards a cashless economy, the government has proposed income tax benefits for people making payments through credit or debit cards, besides doing away with transaction charges on the purchase of petrol, gas and rail tickets with plastic money. This is the first serious effort to tackle the predominance of cash in India's economy. India is a hugely cash-dependent economy. The RBI and commercial banks annually spend around Rupees 21,000 crore in currency operations costs while the citizens of Delhi alone spend Rupees 9.1 crore and 60 lakh hours in collecting cash.

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**SubQuestion No : 24**

**Q.24 According to the author of the passage, which of the following is directly linked?**

- Ans**
- 1. Cash and credit transactions
  - 2. Credit transaction and black money
  - 3. Black and white money
  - 4. Cash transactions and black money



**Comprehension:**

Read the given passage and answer the questions that follow.

Seeking to move towards a cashless economy, the government has proposed income tax benefits for people making payments through credit or debit cards, besides doing away with transaction charges on the purchase of petrol, gas and rail tickets with plastic money. This is the first serious effort to tackle the predominance of cash in India's economy. India is a hugely cash-dependent economy. The RBI and commercial banks annually spend around Rupees 21,000 crore in currency operations costs while the citizens of Delhi alone spend Rupees 9.1 crore and 60 lakh hours in collecting cash.

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**SubQuestion No : 25**

**Q.25 According to the author of the passage, what type of economy exists in India?**

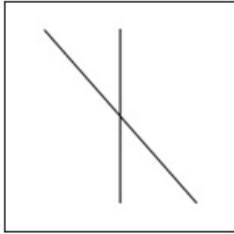
- Ans**
- ✓ 1. Cash-intensive economy
  - ✗ 2. Labour intensive economy
  - ✗ 3. Dependent economy
  - ✗ 4. Developed economy

**Selection Post Examination Phase XII 2024**

Exam Date	21/06/2024
Exam Time	11:45 AM - 12:45 PM
Subject	Selection Post Higher Secondary level

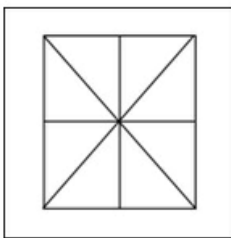
Section : General Intelligence

Q.1 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).

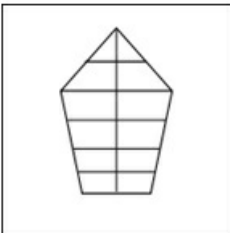


Ans

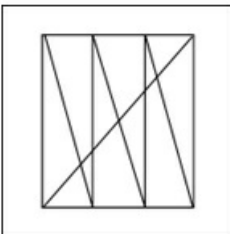
1.



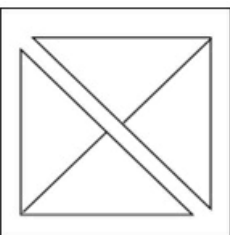
2.



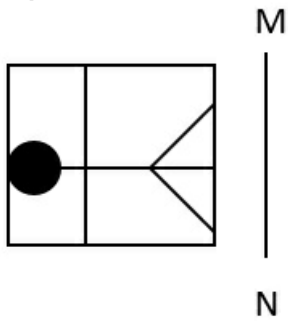
3.



4.



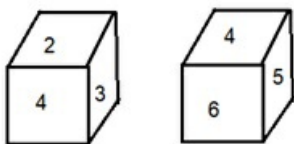
Q2 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



Ans

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

Q3 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Two positions of this dice are shown in the following figure. Find the number on the face opposite to 2.



Ans

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

Q4 In a certain code language,  
 'A \$ B' means 'A is the mother of B',  
 'A # B' means 'A is the father of B',  
 'A ! B' means 'A is the sister 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 husband of B',  
 'A % B' means 'A is the father-in-law of B',  
 'A ^ B' means 'A is the mother-in-law of B'.  
 Based on the above, how is U related to A if  
 a) 'P > Q \$ R > S ! T',  
 b) 'U # T',  
 c) 'R # A'?

Ans  1. Mother's brother  
 2. Mother's father  
 3. Father  
 4. Son

Q5 In a certain code language, 'QUOD' is written as 'GCIT' and 'CRY' is written as 'UFY'. How will 'QUIP' be written in that language?

Ans  1. GCOH  
 2. GHCO  
 3. GCHO  
 4. GHOC

Q6 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

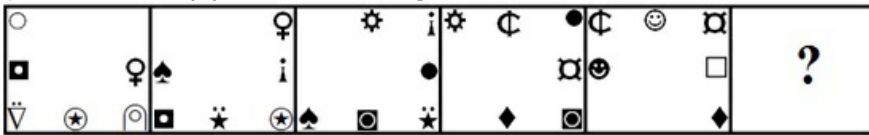
1. Autorickshaw
2. Car
3. Train
4. Bicycle
5. Bus

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

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.  
 ONGOING : HOIOHOO :: PROJECT : UDEKOSQ :: REPORTS : ?

Ans  1. TUSOQFS  
 2. TUSPQFS  
 3. TUSOQES  
 4. TUSPQES

Q8 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

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

Q9 In a code language, some statements are coded as follows:

- 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 "Growth"?

Ans

- 1.  77
- 2.  64
- 3.  55
- 4.  42

Q10 In a certain code language, 'DESTROY' is written as 'DYORTSE' and 'EFFECTS' is written as 'ESTCEFF'. How will 'FOUNDED' be written in that language?

Ans

- 1.  FOEDDNU
- 2.  DFOUNDE
- 3.  DEDNUOF
- 4.  FDEDNUO

Q11 A and C are sisters. A is the daughter of D. D is the mother of B. How is A related to B?

Ans

- 1.  Mother
- 2.  Grand Mother
- 3.  Sisters
- 4.  Aunt

Q.12 Radha visits her brother Rohan, who stays with their father Prasant, mother Sarala and grandfather Raghuvir. Rohan has two children, Binny and Champak. Binny's husband is Keshab, and Champak's wife is Tina. Tina's daughter helped Radha to find their home. How is Tina's daughter related to Rohan?

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

Q.13 Which two signs should be interchanged to make the given equation correct?

$$36 + 8 \times 184 - 23 \div 10 = 90$$

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

Q.14 The position of how many letters will change if each of the letters in the word CUSHION is arranged in alphabetical order?

- Ans
- 1. Five
  - 2. Two
  - 3. Six
  - 4. Three

Q.15 In this question, 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 follows/follow from the statements.

Statements:

All boxes are squares.

All squares are rectangles.

All rectangles are figures.

Conclusions:

I. All boxes are figures.

II. All squares are figures.

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

Q.16 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)

Cat : Kitten :: Lion : ?

- Ans
- 1. Cub
  - 2. Infant
  - 3. Shoal
  - 4. Fawn

Q.17 Select the number from among the given options that can replace the question mark (?) in the following series.  
3, 14, 20, 31, ?, 48

- Ans
- 1. 41
  - 2. 37
  - 3. 40
  - 4. 39

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

\_AT\_RLA\_ERL\_ \_E\_ \_A\_ER

- Ans
- 1. TLERLTLR
  - 2. LTERRLET
  - 3. TTRLETLR
  - 4. LETATRLT

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.

PORTRAY : YARTROP :: CONCEPT : TPECNOC :: REGULAR : ?

- Ans
- 1. RRALUGE
  - 2. RALUGER
  - 3. RAULGER
  - 4. RALUEGR

Q.20 Select the option that represents the letters that when sequentially placed in the blanks below will complete the letter series.

S \_ P \_ \_ G \_ I S G \_ I \_ \_ P I

- Ans
- 1. GIPSSPG
  - 2. GISPPSG
  - 3. SISPPSG
  - 4. SISSSPG

Q.21 In this question, 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 follows/follow from the statements.

Statements:

- I. All tables are charts.
- II. Some charts are graphs.
- III. Some graphs are pies.

Conclusions:

- I. No table is a graph.
- II. Some pies are charts.

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

Q.22 In this question, 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 follows/follow from the statements.

Statements:

- I. Some tables are chairs.
- II. All desks are chairs.
- III. No chair is a fan.

Conclusions:

- I. Some desks are tables.
- II. Some fans are desks.

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

Q.23 The numbers in each set are related to each other in a certain way.

(2, 8, 100), (7, 2, 81), (4, 7, ?)

Based on the relationship among the numbers in the first two sets, select the number that can replace the question mark (?) in the third set.

- Ans
- 1. 112
  - 2. 98
  - 3. 124
  - 4. 121

Q.24 Arrange the following countries according to world map from East to West.

1. Canada 2. Japan 3. India 4. Uzbekistan 5. Germany 6. Malaysia

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

Q.25 In a certain code language, 'FEATURE' is coded as 1001010 and 'CANDID' is coded as 101101. How will 'HOLIDAY' be coded in the same language?

- Ans
- 1. 1010101
  - 2. 1010100
  - 3. 1011001
  - 4. 1001101



Q.1 The famous musician Vishnu Govind Jog is primarily associated with which of the following musical instruments?

- Ans
- 1. Violin
  - 2. Flute
  - 3. Veena
  - 4. Tabla

Q.2 Who among the following wrote the book 'Long Walk to Freedom'?

- Ans
- 1. Nelson Mandela
  - 2. Mother Teresa
  - 3. Barack Obama
  - 4. Winston Churchill

Q.3 If the recipient of Employee provident Fund (EPF) withdrawal does not provide his PAN, TDS on the withdrawal will be \_\_\_\_\_, instead of the maximum marginal rate as per new budget of 2023.

- Ans
- 1. 20%
  - 2. 40%
  - 3. 30%
  - 4. 51%

Q.4 Who among the following was chosen by Shahjahan as his successor to the Mughal throne?

- Ans
- 1. Aurangzeb
  - 2. Dara Shikoh
  - 3. Shah Shuja
  - 4. Murad Bakhsh

Q.5 Who was the first speaker of the Lok Sabha after India's Independence?

- Ans
- 1. MA Ayyangar
  - 2. M Ananthasayanam
  - 3. Meira Kumar
  - 4. Ganesh V Mavalankar

Q.6 Rickets is caused by deficiency of:

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

Q.7 Which of the following statements are true regarding the Ravana Phadi cave at Aihole.

1. Nataraja is the important structure at this site.
2. This Nataraja image is surrounded on the right by four large saptamatrikas and on the left by three large ones.
3. The figures have slim, graceful bodies with long oval faces.
4. The temple shows a distinct feature of Pandya architecture of mixing and incorporation of several styles.

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

Q.8 \_\_\_\_\_ unemployment refers to the time lag between jobs when an individual is searching for a new job or is switching between jobs.

- Ans
- 1. Frictional
  - 2. Technological
  - 3. Structural
  - 4. Seasonal

Q.9 Which metallic element is called 'ferromagnetic' because of its strong attraction?

- Ans
- 1. Iron
  - 2. Aluminium
  - 3. Gold
  - 4. Molybdenum

Q.10 In which of the following cities is the Agera festival celebrated?

- Ans
- 1. Kolkata
  - 2. Lucknow
  - 3. Mumbai
  - 4. Chennai

Q.11 The Greek ambassador Megasthenes was sent to the court of Chandra Gupta Maurya by which of the following Greek kings?

- Ans
- 1. Antigonus
  - 2. Antiochus
  - 3. Seleucus I Nicator
  - 4. Alexander

Q.12 Under Phase I of Mission COVID Suraksha, the Government of India had sanctioned an amount of \_\_\_\_\_, in November 2020.

- Ans
- 1. ₹1,000 crores
  - 2. ₹800 crores
  - 3. ₹900 crores
  - 4. ₹700 crores

Q.13 Which glands help in digestion in the stomach?

- Ans
- 1. Thyroid
  - 2. Pineal
  - 3. Pituitary
  - 4. Gastric glands

Q.14 A western disturbance is the extra-tropical storm that brings rainfall over northeast India during winter. From which ocean does this disturbance originate?

- Ans
- 1. East Siberian Sea
  - 2. Arabian Sea
  - 3. Coral Sea
  - 4. Mediterranean Sea

Q.15 In the context of British rule in India, who among the following Governor-Generals created a professional cadre of company servants making provisions for them for generous salaries?

- Ans
- 1. Lord Mayo
  - 2. Warren Hastings
  - 3. Lord Cornwallis
  - 4. Lord Dalhousie

Q.16 Who has been appointed as the new Chairperson of the New Delhi International Arbitration Centre in December 2022?

- Ans
- 1. Justice Krishnendra Pratap Singh
  - 2. Justice Vinod G Khandare
  - 3. Justice Hemant Gupta
  - 4. Justice Ajay Kumar

Q.17 Which of the following is NOT a directive principle of international peace and security?

- Ans
- 1. Encourage settlements of international disputes
  - 2. Respect for international laws and treaty obligations
  - 3. Create opportunities of employment for foreigners
  - 4. Promotion of international peace and security

Q.18 How many Lok Sabha seats are there for the state of Meghalaya?

- Ans
- 1. One
  - 2. Three
  - 3. Two
  - 4. Four

Q.19 McMahon Line is the boundary line between India and \_\_\_\_\_.

- Ans
- 1. Sri Lanka
  - 2. Pakistan
  - 3. China
  - 4. Nepal

Q.20 Sriharikota island is located in which of the following states?

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

Q.21 In the context of British rule in India, who among the following became the first Governor-General after the post of Governor was elevated to Governor-General of Bengal?

- Ans
- 1. Lord William Bentinck
  - 2. Lord Canning
  - 3. Lord Cornwallis
  - 4. Warren Hastings

Q.22 'Sacred Games' is a novel written by which of the following writers?

- Ans
- 1. Chetan Bhagat
  - 2. Rohinton Mistry
  - 3. Vikram Chandra
  - 4. Amitav Ghosh

Q.23 The Finance Commission of India consists of \_\_\_\_\_.

- Ans
- 1. a Chairperson and five other members
  - 2. a Chairperson and two other members
  - 3. a Chairperson and three other members
  - 4. a Chairperson and four other members

Q.24 Who unfurls the flag at Rajpath on the Republic Day?

- Ans
- 1. The Prime Minister of India
  - 2. The Chief of Defence Staff
  - 3. The Chief Minister of Delhi
  - 4. The President of India

Q.25 Which of the following is NOT one of the Rabi crops?

- Ans
- 1. Mustard
  - 2. Wheat
  - 3. Barley
  - 4. Cucumber

Section : Quantitative Aptitude

Q.1 The selling price of 84 items is equal to the cost price of 105 items. What is the percentage of profit gained in the transaction?

- Ans
- 1. 21%
  - 2. 20%
  - 3. 28%
  - 4. 25%

Q.2 The following table shows the % of marks obtained by three students in three different subjects in a school exam. (The maximum marks in each subject are shown in the table at the top)

Student\Subject	English (120)	Science (150)	Mathematics (200)
Yogesh	81	67	52
Varun	64	70	63
Seema	70	56	72

Find the total marks obtained by Varun and Seema together in Science.

- Ans
- 1. 178
  - 2. 126
  - 3. 145
  - 4. 189

Q.3 If  $x^3 = 184 + y^3$  and  $x = 4 + y$ , then the value of  $(x + y)$  is (given that  $x > 0$  and  $y > 0$ ):

- Ans
- 1.  $-2\sqrt{14}$
  - 2.  $-2\sqrt{11}$
  - 3.  $2\sqrt{14}$
  - 4.  $2\sqrt{11}$

Q.4 In a parallelogram ABCD, if vertices are in respective order and diagonals AC and BD intersect at O, then which of the following is NOT always correct?

- Ans
- 1.  $\triangle ABC \cong \triangle ADC$
  - 2.  $\triangle BOC \cong \triangle AOD$
  - 3.  $\triangle AOB \cong \triangle COD$
  - 4.  $\triangle AOD \cong \triangle COD$

Q.5  $\triangle ABC$  is inscribed in a circle with centre O. If  $AB = 35$  cm,  $BC = 12$  cm and  $AC = 37$  cm, then what is the circumradius of a triangle?

- Ans
- 1. 18.5 cm
  - 2. 14.5 cm
  - 3. 13.5 cm
  - 4. 16.5 cm

Q.6 The price of an AC increases and decreases in every alternate year by  $1\frac{3}{5}\%$ . It started with an increase in 2004. The price of the AC in 2007, as compared to that in 2004 (correct to two places of decimals):

- Ans
- 1. decreased by 2.57%
  - 2. increased by 1.57%
  - 3. increased by 2.57%
  - 4. decreased by 1.57%

Q.7 Rashi travelled a distance of 400 km at an average speed of 50 km/h. She covers the first half distance in the first lag in 2 hours, while she covers another lag at half the speed of that of the first lag in 1 hour. What is the speed (in km/h) of the remaining distance?

- Ans
- 1. 45
  - 2. 50
  - 3. 30
  - 4. 60

Q.8 Two articles were sold for Rs.3,000 each, with no loss and profit in the entire transaction. If one was sold at a profit of 25%, then the loss incurred on the second article is \_\_\_\_\_.

- Ans
- 1.  $16\frac{2}{3}\%$
  - 2. 10%
  - 3.  $15\frac{2}{3}\%$
  - 4.  $18\frac{2}{3}\%$

Q.9 What is the mean proportional of  $45x$  and  $5y^2$ ?

- Ans
- 1.  $45x^2y^2$
  - 2.  $15x^2y$
  - 3.  $5x^2y$
  - 4.  $25x^4y$

Q.10 3 men can finish a work in 10 days, 4 women can finish it in 12 days and 10 qualified workers can finish it in 6 days. In how many days is the work finished by 4 men, 4 women and 4 qualified workers, working together every day?

Ans  1.  $\frac{60}{19}$

2.  $\frac{30}{19}$

3.  $\frac{60}{17}$

4.  $\frac{45}{17}$

Q.11 A person, while trading the shares of a particular company, observes that its price has gone down by 10% from the previous day. In anticipation of increment on the next day, he holds it for the next day. But the share price further falls down by another 8% of the previous day. Then he sells his shares and gets ₹12,420. How much could he have saved had he sold it the previous day?

Ans  1. ₹1,260

2. ₹1,220

3. ₹1,080

4. ₹1,140

Q.12 Simplify the following.  
 $(x - 3y)^3 + 27(y^3 - xy^2)$

Ans  1.  $x^3 - 27y^3 - 9x^2y$

2.  $x^3 - 3x^2y$

3.  $x^3 - 9x^2y$

4.  $x^3 - 27y^3 - 9x^2y + 27xy^2 + 27y^2 - 27y^2$

Q.13 The following table shows the expenditure of a school (in ₹ lakh) per annum on different heads over the given years.

Year/Expenditure Head	Salary	Fuel & Transport	Bonus	Taxes
2001	238	45	3.00	25
2002	327	75	3.50	53
2003	357	95	4.00	79
2004	398	112	4.50	95

What was the fuel & transport expenditure (in ₹ lakh) of the school in the year 2003?

Ans  1. 112

2. 95

3. 75

4. 45

Q.14 The ages of A and B are in the ratio 4 : 7, respectively. After 8 years, the ratio of their ages will be 2 : 3. What is the sum of the ages of A and B (in years)?

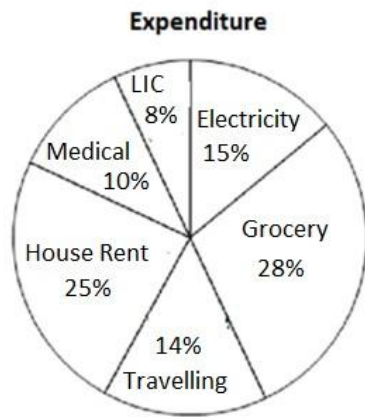
Ans  1. 38

2. 42

3. 44

4. 36

- Q.15 The pie chart shows the expenditure of a family in percentage. Read the chart and answer the question that follows. The total monthly income is ₹32,000.



After the deduction of House Rent and Electricity, find the total income that remains.

- Ans  1. ₹19,220  
 2. ₹19,230  
 3. ₹19,210  
 4. ₹19,200
- 
- Q.16 On a machine there is 12% trade discount on the marked price of ₹2,56,000, but the machine is sold for ₹2,05,000 after giving a cash discount. How much is this cash discount (in %)? (Rounded to the nearest whole number)

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

- Q.17 P drives a car for 5 hours and after every hour he doubles the speed. In the fifth hour, his speed is 128 km/h. What is his average speed of the journey in km/h?

- Ans  1. 55.6  
 2. 49.6  
 3. 62.6  
 4. 52.6

- Q.18 The number 1254216 is divisible by which of the following numbers?

- Ans  1. 5  
 2. 16  
 3. 11  
 4. 8

- Q.19 If  $8 \tan A = 5$ , what is the value of  $\frac{8\sin A - 7\cos A}{8\sin A + 11\cos A}$ ?

- Ans  1.  $-\frac{1}{6}$   
 2.  $\frac{1}{8}$   
 3.  $\frac{1}{19}$   
 4.  $-\frac{1}{8}$

Q.20 Pipes A and B can fill a tank in 18 hours and 27 hours, respectively, whereas pipe C can empty the full tank in 54 hours. All three pipes are opened together, but pipe C is closed after 12 hours. In how much time (in minutes) will the one-third of the remaining part of the tank be filled by A and B together?

- Ans
- 1. 36
  - 2. 24
  - 3. 15
  - 4. 30

Q.21 Find the surface area of a ball of radius 21 mm. (Use  $\pi = \frac{22}{7}$ )

- Ans
- 1. 5540 mm<sup>2</sup>
  - 2. 5544 mm<sup>2</sup>
  - 3. 5542 mm<sup>2</sup>
  - 4. 5546 mm<sup>2</sup>

Q.22 Veena and Karmesh were at different places in Delhi. They fixed a meeting point to meet to settle some issue. Veena started her journey at 8:00 a.m. from place A and reached place B at 4:00 p.m. and Karmesh started moving from place B 2 hours later than the time Veena started and could reach place A at 5:00 p.m. the same day, via the same route. At what time will Karmesh and Veena meet each other?

- Ans
- 1. 1:24 p.m.
  - 2. 12:48 p.m.
  - 3. 1:46 p.m.
  - 4. 1:00 p.m.

Q.23 What is the average of the first 10 prime numbers?

- Ans
- 1. 12.1
  - 2. 12.9
  - 3. 13.1
  - 4. 13.9

Q.24 The difference between the simple interest on a sum of money for  $3\frac{1}{2}$  years at the rate of 12% per annum and simple interest on the same sum of money for  $4\frac{1}{2}$  years at 10% per annum is ₹360. Find the sum (in ₹).

- Ans
- 1. 14,000
  - 2. 10,000
  - 3. 16,000
  - 4. 12,000

Q.25 Which of the following numbers is divisible by 36 ?

- Ans
- 1. 8840
  - 2. 55512
  - 3. 1542
  - 4. 96272



Q.1 Select the most appropriate option that can substitute the underlined word in the following sentence with its ANTONYM.

The teacher filled the students' minds with pessimistic thoughts about their futures.

- Ans
- 1. discouraging
  - 2. cynical
  - 3. bright
  - 4. desperate

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

Liable to be easily broken

- Ans
- 1. Brittle
  - 2. Amateur
  - 3. Tenacious
  - 4. Precious

Q.3 Select the most appropriate option to substitute the underlined segment.

Ruby fell victim to the green eyed monster.

- Ans
- 1. flattery
  - 2. jealousy
  - 3. hatred
  - 4. love

Q.4 Select the INCORRECTLY spelt word.

- Ans
- 1. Weird
  - 2. Vacuum
  - 3. Seperate
  - 4. Receive

Q.5 Select the option that expresses the given sentence in passive voice.

Have they broken the car?

- Ans
- 1. Have they been broken by the car?
  - 2. Has they been broken by the car?
  - 3. Have the car been broken by them?
  - 4. Has the car been broken by them?

Q.6 Select the most appropriate article to fill in the blank.  
Ratan doesn't like \_\_\_\_\_ tea.

- Ans
- 1. an
  - 2. No article required
  - 3. the
  - 4. a

Q.7 Select the most appropriate meaning of the underlined idiom.  
The boss of our organisation is considered a jack of all trades

- Ans
- 1. Doing several different jobs instead of specialising in one
  - 2. Innocence about everything
  - 3. Knowing nothing but boasting
  - 4. Engaged in gambling

Q.8 Select the option that expresses the given sentence in indirect speech.

Anita said, "I am happy."

- Ans
- 1. Anita was happy she said.
  - 2. Anita said that she was happy.
  - 3. She was happy said Anita.
  - 4. I am happy said Anita.

Q.9 Select the sentence that does NOT have a spelling error.

- Ans
- 1. Meet me in my office tommorrow.
  - 2. Meet me in my office tomorrow.
  - 3. Meet me in my office tomorrow.
  - 4. Meet me in my office tommorow.

Q.10 Sentences of a paragraph—labelled A, B, C, D—are given below in jumbled order. Select the option that arranges the sentences in the correct logical order to form a meaningful and coherent paragraph.

A. "A brilliant story about death and the fear of death," said the original jacket blurb on Don DeLillo's 1985 novel, *White Noise*, adding that the book "is a comedy, of course."

B. The writer that inspired Netflix's latest hit, *White Noise*, is a dazzling chronicler of modern America, and one of the country's legendary novelists.

C. So this feels like a good time to look again at *White Noise*'s author, and consider why Don DeLillo is one of the great novelists of our time.

D. This month, Noah Baumbach's Netflix film, *White Noise*, dazzles its way on to our screens, and we're promised 'a fascinating, invigorating spectacle', a 'thrillingly original' blast of cinematic lustre.

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

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

Tara's painting was stolen from the museum.

- Ans
- 1. Tara's painting has been stolen from the museum.
  - 2. Someone has stolen Tara's painting from the museum.
  - 3. Someone stole Tara's painting from the museum.
  - 4. Someone from the museum stole Tara's painting.

Q.12 Select the correct option to form a meaningful sentence.

Did / offences / know / you / that men / four times / commit / driving / as many / women do? / as

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k)

- Ans
- 1. a, d, c, e, f, i, h, g, k, j, b
  - 2. a, d, e, k, f, i, h, b, g, j, c
  - 3. a, d, b, e, f, i, h, c, g, k, j
  - 4. a, d, c, e, g, f, i, h, b, k, j

Q.13 Identify the error in the verb form in the following sentence and choose the correct sentence from the given options (Present Tense).

Earth revolve around the sun.

- Ans
- 1. Earth are revolve around the sun.
  - 2. Earth revolved around the sun.
  - 3. Earth revolves around the sun.
  - 4. Earth has revolve around the sun.

Q.14 Select the idiom that means the same as the underlined segment in the given sentence.

She forgot to apply for her internship abroad due to the ongoing marriage preparations she had to help with and now that opportunity is lost .

- Ans
- 1. Beat about the bush
  - 2. Treading on thin ice
  - 3. Missing the boat
  - 4. Burning the midnight oil

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

Jack loves the Christmas break.

- Ans
- 1. The Christmas break is loved by Jack.
  - 2. The Christmas break was loved by Jack.
  - 3. The Christmas break is being loved by Jack.
  - 4. The Christmas break would loved by Jack.

### Comprehension:

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

A new clothing company is hoping to create as (1)\_\_\_\_\_ as 500 jobs in its factory and nationwide chain of stores. The company, New Trend was set up by Peter Dalton, a 36-year-old businessman (2)\_\_\_\_\_ Liverpool. The company, which is due to start production early next year, will provide employment for 300 people in its factory on the edge of Liverpool. In 12 months' time, (3)\_\_\_\_\_ will be a further 200 jobs, as the company begins opening shops in towns in all parts of Britain. Peter Dalton is also (4)\_\_\_\_\_ to open a shop in new York. "This project has (5)\_\_\_\_\_ me over four years to finalise," says Peter Dalton.

### SubQuestion No : 16

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

- Ans
- 1. lot
  - 2. more
  - 3. many
  - 4. much

### Comprehension:

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

A new clothing company is hoping to create as (1)\_\_\_\_\_ as 500 jobs in its factory and nationwide chain of stores. The company, New Trend was set up by Peter Dalton, a 36-year-old businessman (2)\_\_\_\_\_ Liverpool. The company, which is due to start production early next year, will provide employment for 300 people in its factory on the edge of Liverpool. In 12 months' time, (3)\_\_\_\_\_ will be a further 200 jobs, as the company begins opening shops in towns in all parts of Britain. Peter Dalton is also (4)\_\_\_\_\_ to open a shop in new York. "This project has (5)\_\_\_\_\_ me over four years to finalise," says Peter Dalton.

### SubQuestion No : 17

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

- Ans
- 1. in
  - 2. from
  - 3. to
  - 4. up

**Comprehension:**

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

A new clothing company is hoping to create as (1)\_\_\_\_\_ as 500 jobs in its factory and nationwide chain of stores. The company, New Trend was set up by Peter Dalton, a 36-year-old businessman (2)\_\_\_\_\_ Liverpool. The company, which is due to start production early next year, will provide employment for 300 people in its factory on the edge of Liverpool. In 12 months' time, (3)\_\_\_\_\_ will be a further 200 jobs, as the company begins opening shops in towns in all parts of Britain. Peter Dalton is also (4)\_\_\_\_\_ to open a shop in new York. "This project has (5)\_\_\_\_\_ me over four years to finalise," says Peter Dalton.

**SubQuestion No : 18**

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

- Ans
- 1. it
  - 2. they
  - 3. here
  - 4. there

**Comprehension:**

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

A new clothing company is hoping to create as (1)\_\_\_\_\_ as 500 jobs in its factory and nationwide chain of stores. The company, New Trend was set up by Peter Dalton, a 36-year-old businessman (2)\_\_\_\_\_ Liverpool. The company, which is due to start production early next year, will provide employment for 300 people in its factory on the edge of Liverpool. In 12 months' time, (3)\_\_\_\_\_ will be a further 200 jobs, as the company begins opening shops in towns in all parts of Britain. Peter Dalton is also (4)\_\_\_\_\_ to open a shop in new York. "This project has (5)\_\_\_\_\_ me over four years to finalise," says Peter Dalton.

**SubQuestion No : 19**

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

- Ans
- 1. been planning
  - 2. plans
  - 3. planning
  - 4. planned

**Comprehension:**

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

A new clothing company is hoping to create as (1)\_\_\_\_\_ as 500 jobs in its factory and nationwide chain of stores. The company, New Trend was set up by Peter Dalton, a 36-year-old businessman (2)\_\_\_\_\_ Liverpool. The company, which is due to start production early next year, will provide employment for 300 people in its factory on the edge of Liverpool. In 12 months' time, (3)\_\_\_\_\_ will be a further 200 jobs, as the company begins opening shops in towns in all parts of Britain. Peter Dalton is also (4)\_\_\_\_\_ to open a shop in new York. "This project has (5)\_\_\_\_\_ me over four years to finalise," says Peter Dalton.

**SubQuestion No : 20**

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

- Ans
- 1. took
  - 2. taking
  - 3. taken
  - 4. been taking

**Comprehension:**

Read the given passage and answer the questions that follow.

Climate change is one of the most pressing issues facing the world today. It is a phenomenon that has been caused by human activities, primarily the burning of fossil fuels such as coal, oil, and gas. This has led to an increase in the concentration of greenhouse gases, primarily carbon dioxide, in the atmosphere. The consequences of climate change are far-reaching and can be felt in many different ways.

One of the most significant impacts of climate change is the rise in global temperatures. The average temperature of the Earth's surface has increased by 1.1 degrees Celsius since the pre-industrial era, and this rise is expected to continue in the coming years. This increase in temperature is causing a range of changes in the Earth's climate, including more frequent and intense heatwaves, droughts, and floods. Another consequence of climate change is the loss of biodiversity. As temperatures rise and weather patterns change, many species of plants and animals are struggling to adapt. This is leading to a decline in biodiversity, which is essential for maintaining the balance of ecosystems. Climate change is also having a significant impact on human societies. Rising sea levels, for example, are putting millions of people at risk of flooding and displacement. In addition, changes in weather patterns are leading to crop failures and food shortages, particularly in developing countries where many people rely on subsistence agriculture.

To address the issue of climate change, there needs to be a concerted effort at the global level. Governments, businesses, and individuals all have a role to play in reducing greenhouse gas emissions and adapting to the changes that are already taking place.

One of the most important steps that can be taken is to transition to renewable energy sources. This means reducing our dependence on fossil fuels and investing in technologies such as wind, solar, and hydropower. Governments can incentivise the adoption of renewable energy by providing subsidies and tax breaks, while businesses can invest in new technologies and sustainable practices.

Individuals can also play a role in reducing their carbon footprint. This can be achieved by using public transport instead of driving, reducing meat consumption, and reducing energy consumption at home. Small changes in individual behaviour can add up to make a significant difference in reducing greenhouse gas emissions.

In conclusion, climate change is a complex issue that requires a global response. The consequences of inaction are severe, and urgent action is needed to mitigate its impact. By working together, we can reduce greenhouse gas emissions, protect biodiversity, and create a more sustainable future for generations to come.

**SubQuestion No : 21**

**Q.21 What is one of the most important steps that can be taken to address climate change?**

- Ans**
- 1. Burning more fossil fuels.
  - 2. Investing in new coal power plants.
  - 3. Reducing dependence on fossil fuels and investing in renewable energy.
  - 4. Increasing meat consumption.

**Comprehension:**

Read the given passage and answer the questions that follow.

Climate change is one of the most pressing issues facing the world today. It is a phenomenon that has been caused by human activities, primarily the burning of fossil fuels such as coal, oil, and gas. This has led to an increase in the concentration of greenhouse gases, primarily carbon dioxide, in the atmosphere. The consequences of climate change are far-reaching and can be felt in many different ways.

One of the most significant impacts of climate change is the rise in global temperatures. The average temperature of the Earth's surface has increased by 1.1 degrees Celsius since the pre-industrial era, and this rise is expected to continue in the coming years. This increase in temperature is causing a range of changes in the Earth's climate, including more frequent and intense heatwaves, droughts, and floods. Another consequence of climate change is the loss of biodiversity. As temperatures rise and weather patterns change, many species of plants and animals are struggling to adapt. This is leading to a decline in biodiversity, which is essential for maintaining the balance of ecosystems. Climate change is also having a significant impact on human societies. Rising sea levels, for example, are putting millions of people at risk of flooding and displacement. In addition, changes in weather patterns are leading to crop failures and food shortages, particularly in developing countries where many people rely on subsistence agriculture.

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**SubQuestion No : 22**

**Q.22 Which of the following is NOT a potential consequence of climate change, discussed in the passage?**

- Ans**
- ✓ 1. Reduction in greenhouse gas emissions from human activities.
  - ✗ 2. Increased frequency and intensity of extreme weather events.
  - ✗ 3. Rise in global temperatures.
  - ✗ 4. Disruption of agricultural systems.

**Comprehension:**

Read the given passage and answer the questions that follow.

Climate change is one of the most pressing issues facing the world today. It is a phenomenon that has been caused by human activities, primarily the burning of fossil fuels such as coal, oil, and gas. This has led to an increase in the concentration of greenhouse gases, primarily carbon dioxide, in the atmosphere. The consequences of climate change are far-reaching and can be felt in many different ways.

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**SubQuestion No : 23**

**Q.23 How can individuals contribute to reducing their carbon footprint?**

**Ans** ✓ 1. By reducing energy consumption at home

✗ 2. By increasing meat consumption

✗ 3. By using private transportation instead of public transport

✗ 4. By not recycling waste products

**Comprehension:**

Read the given passage and answer the questions that follow.

Climate change is one of the most pressing issues facing the world today. It is a phenomenon that has been caused by human activities, primarily the burning of fossil fuels such as coal, oil, and gas. This has led to an increase in the concentration of greenhouse gases, primarily carbon dioxide, in the atmosphere. The consequences of climate change are far-reaching and can be felt in many different ways.

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**SubQuestion No : 24**

**Q.24** What is the central theme of the passage?

- Ans**
- 1. The importance of reducing meat consumption.
  - 2. The impact of climate change on biodiversity.
  - 3. The role of governments in reducing greenhouse gas emissions.
  - 4. The need for a global response to climate change.



**Comprehension:**

Read the given passage and answer the questions that follow.

Climate change is one of the most pressing issues facing the world today. It is a phenomenon that has been caused by human activities, primarily the burning of fossil fuels such as coal, oil, and gas. This has led to an increase in the concentration of greenhouse gases, primarily carbon dioxide, in the atmosphere. The consequences of climate change are far-reaching and can be felt in many different ways.

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**SubQuestion No : 25**

**Q.25 Which of the following is the most appropriate title for the passage?**

- Ans**
- 1. The Importance of Renewable Energy
  - 2. The Impact of Climate Change
  - 3. Biodiversity Loss and Climate Change
  - 4. Strategies for Adapting to Climate Change

## Selection Post Examination Phase XII 2024

Exam Date	24/06/2024
Exam Time	11:45 AM - 12:45 PM
Subject	Selection Post Higher Secondary level

### Section : General Intelligence

**Q1** What will come in place of the question mark (?) in the following equation if '+' means 'x', 'x' means '-', '-' means '÷' and '÷' means '+'?

$$18 \div 4 + 3 \times 2 - 2 = ?$$

- Ans
- 1. 19
  - 2. 30
  - 3. 29
  - 4. 28

**Q2** Select the option that represents the letters that when sequentially placed in the blanks below will complete the letter series.

U \_ G \_ F \_ K \_ M G \_ F N \_ U \_ G

- Ans
- 1. MLNULKM
  - 2. NLMKULM
  - 3. MKLNULM
  - 4. NKNMULM

**Q3** In a certain code language,

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

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

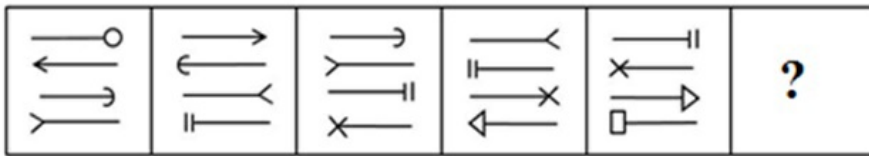
A × B means 'A is the wife of B',

A ÷ B means 'A is the father of B'.

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

- Ans
- 1. Daughter's daughter
  - 2. Mother's father
  - 3. Son's daughter
  - 4. Mother's mother

Q4 Select the figure from among the given options that can replace the question mark (?) in the following series.



Ans

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

Q5 In a certain code language, 'DWELL' is written as 'UBTMM' and 'OVER' is written as 'JCTG'. How will 'DYAD' be written in that language?

- Ans
- 1.  UZXU
  - 2.  XUZX
  - 3.  UXZU
  - 4.  ZUXU

Q6 The position of how many letters will remain unchanged if each of the letters in the word SCRAMBLE is arranged in alphabetical order?

- Ans
- 1.  Three
  - 2.  One
  - 3.  None
  - 4.  Two

Q7 In a certain code language,

- 'A + B' means 'A is the son of B';
- 'A - B' means 'A is the daughter of B';
- 'A × B' means 'A is the husband of B' and
- 'A ÷ B' means 'A is the sister of B'.

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

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

Q.8 Select the option that represents the correct order of the given words as they would appear in an English dictionary?

1. Rush
2. Roven
3. Rumpus
4. Royal
5. Rugged

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

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.

BASIC : GEVKD :: TABLE : YEENF :: COULD : ?

- Ans
- 1. HSYNE
  - 2. ITYMF
  - 3. HSXNE
  - 4. HRXNE

Q.10 In a certain code language, 'MERRY' is written as 'QYLLE' and 'OVEN' is written as 'OHYP'. How will 'MESIAL' be written in that language?

- Ans
- 1. QYKUCR
  - 2. QYKURC
  - 3. QKYUCR
  - 4. QYKRCU

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

G \_ INGGO \_ N \_ G \_ IN \_ GOI \_ \_

- Ans
- 1. OIGOGNG
  - 2. IOOGONG
  - 3. GOGINIG
  - 4. IOGNGOI

Q.12 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:

All figs are twigs.

Some twigs are trees.

Some ants are trees

Conclusions:

I. Some ants are twigs.

II. Some trees are figs.

- Ans
- 1. Only conclusion II follows
  - 2. Only conclusion I follows
  - 3. Either conclusion I or II follows
  - 4. Neither conclusion I nor II follows

Q.13 In a certain code language,  
 'A + B' means 'A is the daughter of B',  
 'A - B' means 'A is the brother of B',  
 'A × B' means 'A is the mother of B'.  
 Based on the above, how is K related to O if 'K - L × M - N + O'?

- Ans
- 1. Brother
  - 2. Mother's brother
  - 3. Father
  - 4. Wife's brother

Q.14 Select the number from among the given options that can replace the question mark (?) in the following series.  
 48, ?, 12, 6, 3, 1.5

- Ans
- 1. 16
  - 2. 24
  - 3. 12
  - 4. 48

Q.15 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:

All p are r.

Some r are c.

All c are d.

Conclusions:

I. Some d are p.

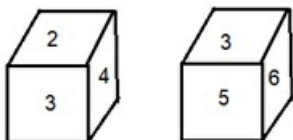
II. Some c are p.

- Ans
- 1. Either conclusion I or II follows
  - 2. Neither conclusion I nor II follows
  - 3. Only conclusion II follows
  - 4. Only conclusion I follows

Q.16 In a certain code language, 'THORP' is written as 'EQJGI' and 'HEART' is written as 'QTXGE'. How will 'TENDER' be written in that language?

- Ans
- 1. ETKUGT
  - 2. ETKUTG
  - 3. ETKGTU
  - 4. ETKTGU

Q.17 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Two positions of this dice are shown in the following figure. Find the number on the face opposite to 4.



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

Q.18 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)  
Socket : Plug :: Nut : ?

- Ans
- 1. Screw-Driver
  - 2. Bolt
  - 3. Eat
  - 4. Monkey

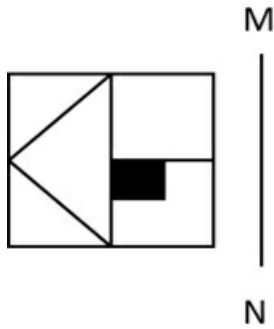
Q.19 Select the option that is related to the third word in the same way as the second word is related to the first word.  
(The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word)  
India : Delhi :: United Kingdom : ?

- Ans
- 1. London
  - 2. Tottenham
  - 3. Manchester
  - 4. Liverpool

Q.20 The numbers in each set are related to each other in a certain way.  
(6, 64, 2), (8, 225, 7), (3, ?, 9)  
Based on the relationship among the numbers in the first two sets, select the number that can replace the question mark (?) in the third set.

- Ans
- 1. 148
  - 2. 124
  - 3. 146
  - 4. 144

Q.21 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown below.



Ans

1.
2.
3.
4.

Q.22 In this question, 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 follows/follow from the statements.

Statements:

Some tables are chairs.

Some chairs are beds.

All beds are wardrobes.

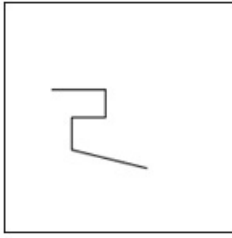
Conclusions:

I. No table is a wardrobe.

II. All tables are wardrobes.

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

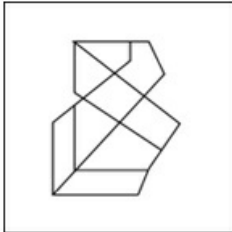
Q.23 Select the option figure in which the given figure is embedded (rotation is NOT allowed).



Ans

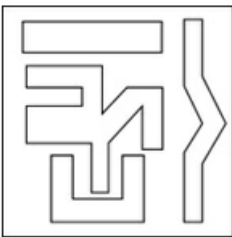
1.

✗



2.

✗



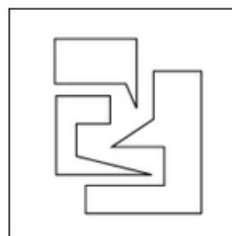
3.

✗



4.

✓





Q.24 In a certain code language, 'HUNTER' is coded as 80 and 'TRIAL' is coded as 55. How will 'BURNT' be coded in the same language?

- Ans
- 1. 75
  - 2. 70
  - 3. 80
  - 4. 65

Q.25 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Building
2. City
3. State
4. Country
5. Apartment

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

Section : General Awareness

Q.1 '2 States' is a novel written by whom among the following authors?

- Ans
- 1. Ayan Gogoi Gohain
  - 2. Chetan Bhagat
  - 3. Kiran Desai
  - 4. Arundhati Roy

Q.2 What does CJI stand for?

- Ans
- 1. Chief Justice of Income Tax
  - 2. Controller Justice of India
  - 3. Council Judges of India
  - 4. Chief Justice of India

Q.3 In Harappa, the granary had rows of \_\_\_\_\_ brick platforms for threshing the grains.

- Ans
- 1. diagonal
  - 2. spherical
  - 3. circular
  - 4. rectangular

Q.4 Who is best known for his testimony on climate change to congressional committees in the 1980s, which helped raise wider awareness of the global warming issue?

- Ans
- 1. Shen Kuo
  - 2. James Hansen
  - 3. Joseph Fourier
  - 4. Svante Arrhenius

Q.5 Indian Renewable Energy Development Agency (IREDA) has signed a loan agreement with SJVN Green Energy for financing over ₹4,000 crores for the 1000 MW solar power project at Bikaner, Rajasthan. Who is the current chairman and managing director of Indian Renewable Energy Development Agency (IREDA) in 2023?

- Ans
- 1. CL Guleria
  - 2. Pradip Kumar Das
  - 3. Dinesh Menon
  - 4. Anshul Mishra

Q.6 \_\_\_\_\_ is an example of acoelomate.

- Ans
- 1. Echinoderms
  - 2. Platyhelminthes
  - 3. Arthropods
  - 4. Molluscs

Q.7 Who among the following is associated with the Theosophical Society?

- Ans
- 1. Savitri Bai Phule
  - 2. Sarojini Naidu
  - 3. Tarabai Shinde
  - 4. Annie Besant

Q.8 \_\_\_\_\_ is NOT part of the Union Executive.

- Ans
- 1. The Council of Ministers
  - 2. The President of India
  - 3. The Prime Minister of India
  - 4. The Supreme Court of India

Q.9 Which is the oldest and most widespread industry in India?

- Ans
- 1. Textile
  - 2. Mining
  - 3. Fertiliser
  - 4. Food processing

Q.10 Mohan Shyam Sharma is a famous musician associated with the :

- Ans
- 1. Sarod
  - 2. Pakhawaj
  - 3. Drums
  - 4. Tabla

Q.11 Which of the following pairs is/are INCORRECTLY matched?

- A. Separation of Executive from the Judiciary – Article 50
- B. Organisation of the village panchayats and endow them with powers – Article 40
- C. Promote justice, on a basis of equal opportunity, and to provide free legal aid to the poor – Article 39A
- D. Organise agriculture and animal husbandry on modern and scientific lines – Article 45

- Ans
- 1. C and D only
  - 2. B, C and D only
  - 3. D only
  - 4. A, B and C only

Q.12 Whom among the following cricketers has co-written the book named '281 and beyond'?

- Ans
- 1. Rahul Dravid
  - 2. Ajay Jadeja
  - 3. Saurav Ganguly
  - 4. VVS Laxman

Q.13 Which of the following is the proposed successor to the Information Technology Act, 2000?

- Ans
- 1. Cyber India Bill
  - 2. Multimedia Bill
  - 3. Digital India Bill
  - 4. Optical India Bill

Q.14 The word \_\_\_\_\_ means a body of persons that looks after the implementation of rules and regulations in actual practice.

- Ans
- 1. Judiciary
  - 2. Bureaucracy
  - 3. Legislature
  - 4. Executive

Q.15 Which of the following cities was the capital of the Pallavas?

- Ans
- 1. Orugallu
  - 2. Rameshwaram
  - 3. Hampi
  - 4. Kanchipuram

Q.16 In which of the following states of India is Chethiyagiri Vihara festival celebrated?

- Ans
- 1. Madhya Pradesh
  - 2. Kerala
  - 3. Meghalaya
  - 4. Bihar

Q.17 The likelihood of a neutral atom gaining an electron is known as:

- Ans
- 1. electron affinity
  - 2. electro attraction
  - 3. electronegativity
  - 4. electro positivity

Q.18 Which of the following states has the lowest female literacy rate as per Census of India 2011?

- Ans
- 1. Orissa
  - 2. Tamil Nadu
  - 3. Rajasthan
  - 4. Uttarakhand

Q.19 When is the Constitution Day observed in India?

- Ans
- 1. 26 November
  - 2. 26 January
  - 3. 12 January
  - 4. 31 October

Q.20 Who among the following was the founder of the Indian Association for the Cultivation of Science in 1876, an institution, devoted to the pursuit of fundamental research in the frontier areas of basic sciences?

- Ans
- 1. Dr. Mahendra Lal Sircar
  - 2. Mokshagundam Visvesvaraya
  - 3. Chandrasekhara Venkata Raman
  - 4. Har Gobind Khorana

Q.21 What is the literacy rate for Scheduled Tribe Population as per the 2011 Census?

- Ans
- 1. 59%
  - 2. 65%
  - 3. 66%
  - 4. 55%

Q.22 Who among the following was the founder of the Gurjara-Pratihara dynasty in the region of Malwa in the eighth century?

- Ans
- 1. Mahendrapala I
  - 2. Vatsaraja
  - 3. Nagabhatta I
  - 4. Mihira Bhoja

Q.23 What is the adulterant of hot paprika?

- Ans
- 1. Sudan dye
  - 2. Saw dust
  - 3. Starch powder
  - 4. Chalk powder

Q.24 What is the name of the highest peak of Indian Garhwal Himalayas located in Chamoli district of Uttarakhand state with a height of 7,816 metres?

- Ans
- 1. Mukut Parbat
  - 2. Hardeol
  - 3. Nanda Devi
  - 4. Trisul

Q.25 Which of the following statements are true regarding Indian Antarctic Bill, 2022?

1. The Indian Antarctic Bill, 2022 was introduced in Lok Sabha on 1 Dec 2022.
2. The Bill seeks to give effect to the Antarctic Treaty, the Convention on the Conservation of Antarctic Marine Living Resources and the Protocol on Environmental Protection to the Antarctic Treaty.
3. It also seeks to protect the Antarctic environment and regulate activities in the region.
4. The provisions of the Bill will apply to any person, vessel or aircraft that is a part of an Indian expedition to Antarctica under a permit issued under the Bill.

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

Section : Quantitative Aptitude

Q.1 If for a non-zero  $x$ ,  $7x^2 + 5x + 7 = 0$ , then the  $x^3 + \frac{1}{x^3}$  is \_\_\_\_\_.

- Ans
- 1.  $\frac{420}{343}$
  - 2.  $\frac{610}{343}$
  - 3.  $\frac{343}{610}$
  - 4.  $\frac{610}{420}$

Q.2 If  $x^2 + y^2 + z^2 = xy + yz + zx$ , then the value of  $\left(\frac{17x^4 + 9y^4 + 16z^4}{8x^2y^2 + 6y^2z^2 + 10z^2x^2}\right)$  is:

- Ans
- 1. 1.75
  - 2. 2.00
  - 3. 2.50
  - 4. 3.25

Q3 In a circular race of 950 m length, A and B start with speeds of 18 km/h and 36 km/h, respectively, in the same direction, at the same time, from the same point. After how many seconds will they meet for the first time at the starting point?

- Ans
- 1. 195
  - 2. 90
  - 3. 190
  - 4. 95

Q4 The wages of 10 workers for a six-day week are ₹1,200. What is the one-day wage of one worker?

- Ans
- 1. ₹16
  - 2. ₹24
  - 3. ₹28
  - 4. ₹20

Q5 The monthly income of Reena was ₹75,200 and her monthly expenditure was ₹22,500. Next year, her income increased by 25% and her expenditure by 14%. Find the percentage increase in her savings (rounded off to 2 decimal places).

- Ans
- 1. 28.25%
  - 2. 30.75%
  - 3. 29.70%
  - 4. 34.80%

Q6 Which of the following numbers is divisible by 11?

- Ans
- 1. 956127
  - 2. 258913
  - 3. 958749
  - 4. 294621

Q7 The average weight of 5 boys is increased by 9 kg when one of them, whose weight is 39 kg, is replaced by another boy. What is the weight (in kg) of the new boy?

- Ans
- 1. 69
  - 2. 70
  - 3. 84
  - 4. 65

Q8 The following table shows the number of eggs produced by five farms A, B, C, D and E over the given years.

Year	Farm				
	A	B	C	D	E
2017	560	418	630	740	580
2018	710	390	460	530	620
2019	845	765	480	515	640
2020	455	555	746	418	545

What was the average number of eggs produced by Farm B over the given years?

- Ans
- 1. 540
  - 2. 532
  - 3. 552
  - 4. 575

Q.9 A single discount equivalent to three successive discounts of 10%, 12% and 15% is:

- Ans
- 1. 30.87%
  - 2. 31.87%
  - 3. 32.68%
  - 4. 33.55%

Q.10 Find the fourth proportion of the following numbers:  $\frac{1}{3}$  rd of 27,  $\frac{4}{5}$  th of 30,  $\frac{3}{7}$  th of 35.

- Ans
- 1. 45
  - 2. 40
  - 3. 38
  - 4. 35

Q.11 The one-day work of 2 men is equal to the one-day work of 4 women or the one-day work of 8 qualified workers. 10 qualified workers can finish a work in 8 days. If a man, a woman and a qualified worker work in the same order on three different days, the work is finished in \_\_\_\_ days.

- Ans
- 1.  $\frac{131}{4}$
  - 2.  $\frac{203}{6}$
  - 3.  $\frac{135}{4}$
  - 4.  $\frac{166}{5}$

Q.12 The average temperature of a city for the first four days of the week is 25°C, and the average temperature for the last four days is 30°C. If the average temperature for the entire week is 27°C, then what is the temperature on the fourth day?

- Ans
- 1. 28°C
  - 2. 29°C
  - 3. 30°C
  - 4. 31°C

Q.13 In  $\Delta ABC$ , D is the mid-point of BC and G is the centroid. If GD = 10 cm, then the length of AD is \_\_\_\_\_.

- Ans
- 1. 20 cm
  - 2. 15 cm
  - 3. 30 cm
  - 4. 10 cm

Q.14 A hemispherical bowl has a 21 cm radius. It is to be painted inside as well as outside. The cost of painting it at the rate of ₹0.05 per  $\text{cm}^2$  and assuming that the thickness of the bowl is negligible, is: (Use  $\pi = \frac{22}{7}$ )

- Ans
- 1. ₹388.20
  - 2. ₹277.20
  - 3. ₹410.10
  - 4. ₹188.30

Q.15 If 70 is subtracted from 70% of a number, the remainder is 70. What is the number?

- Ans
- 1. 400
  - 2. 200
  - 3. 300
  - 4. 100

Q.16 The selling price of 80 items is equal to the cost price of 72 items. What is the percentage of loss incurred in the transaction?

- Ans
- 1.  $11\frac{1}{9}\%$
  - 2. 12%
  - 3. 10%
  - 4. 9%

Q.17 In a triangle ABC, P is the midpoint of BC. If  $AB = (2x + 4)$  cm,  $AC = 6$  cm and  $AP \perp BC$ , then the value of x is:

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

Q.18 Find the simple interest (in ₹) on ₹9,900 at 9% per annum in 3 years.

- Ans
- 1. 2,673
  - 2. 2,512
  - 3. 2,683
  - 4. 2,582

Q.19 Which of the following is NOT a correct formula?

- Ans
- 1.  $\sec A \sin A = \tan A$
  - 2.  $\operatorname{cosec}^2 A - \cot^2 A = 1$
  - 3.  $\frac{1 + \tan^2 A}{\tan^2 A} = \sin^2 A$
  - 4.  $\cos^2 A \cot^2 A = \cot^2 A - \cos^2 A$

Q.20 The following table shows the percentage of marks obtained by five students in four subjects in an examination.

Student/Subject	Percentage of Marks in Subjects			
	Maths	Physics	Chemistry	Computer Science
A	90%	65%	76%	64%
B	67%	93%	55%	56%
C	85%	61%	70%	80%
D	59%	75%	84%	91%
E	94%	48%	99%	99%

How many students scored more than 60% of marks in all the four subjects?

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

Q.21 A group of 25 tourists consume 5 containers of food in 8 days in a hotel. How many containers will be required for 10 tourists to eat for 16 days?

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

Q.22 A dealer advertises that he sales his goods at cost price. But he uses 950 gm for 1 kg weight. Find his gain or loss percentage.

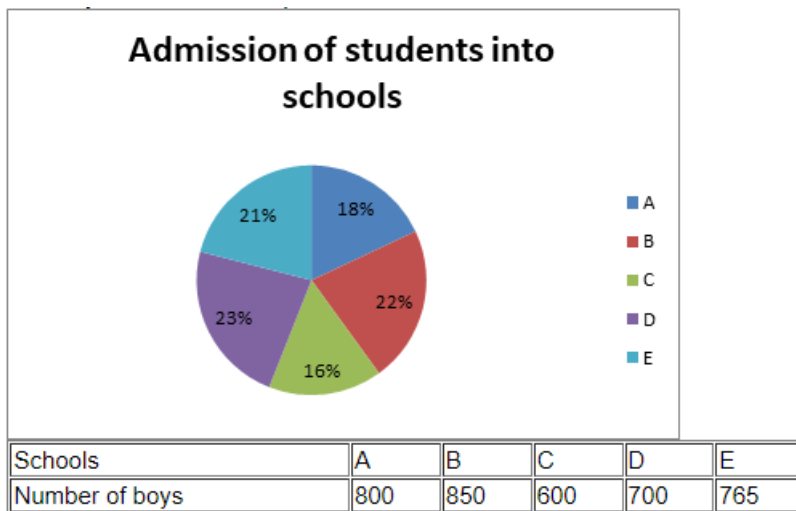
- Ans
- 1. Loss  $\frac{46}{19}\%$
  - 2. Gain  $\frac{46}{19}\%$
  - 3. Loss  $\frac{100}{19}\%$
  - 4. Gain  $\frac{100}{19}\%$

Q.23 Find the sum of  $3 + 3^2 + 3^3 + \dots + 3^8$ .

- Ans
- 1. 9840
  - 2. 3280
  - 3. 6560
  - 4. 6561



Q.24 The given pie-chart shows the number of students admitted into various schools, A, B, C, D, E, in a town. The total number of students is 6500. The number of boys in each school is given by the table. Study the pie-chart and the table carefully and answer the question that follows.



The total number of boys in schools A, C, D is what percentage of the total number of girls in schools B, C, E (rounded to 2 decimal places)?

- Ans
- 1. 1.2062
  - 2. 1.2662
  - 3. 1.2963
  - 4. 1.2863

Q.25 The speed of a boat in still water is 6 km/h and the speed of the stream is 1.5 km/h. In going from point A to point B and returning to A, the boatman takes 2 hours 40 min. Find the distance between points A and B.

- Ans
- 1. 8.5 km
  - 2. 8 km
  - 3. 7.5 km
  - 4. 7 km

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

A person who physically travels in space.

- Ans
- 1. Astrologer
  - 2. Anarchist
  - 3. Pilot
  - 4. Astronaut

Q.2 Select the most appropriate ANTONYM of the given word.

Counterfeit

- Ans
- 1. Fake
  - 2. Imitation
  - 3. Authentic
  - 4. Unreal

Q.3 Select the most appropriate meaning of the underlined idiom.  
The employees made a noticeable hue and cry to get their demands raised to the board of Directors.

- Ans
- 1. Celebrate an event
  - 2. Participate in sports
  - 3. Lie lifeless
  - 4. Protest something

Q.4 Parts of the following sentence have been given as options. Select the option that contains an error.  
Hiking across an Himalayas is going to be a tough task for a beginner.

- Ans
- 1. going to be a tough
  - 2. Hiking across
  - 3. task for a beginner.
  - 4. an Himalayas is

Q.5 Select the sentence that does NOT have a spelling error.

- Ans
- 1. A verietiy of languages are spoken in India.
  - 2. A varity of languages are spoken in India.
  - 3. A variety of languages are spoken in India.
  - 4. A vareity of languages are spoken in India.

Q.6 Select the correct form of the past tense to fill in the blank.

I \_\_\_\_\_ a headache earlier, but I feel fine now.

- Ans
- 1. am having
  - 2. was having
  - 3. had
  - 4. have

Q.7 Select the INCORRECTLY spelt word.

- Ans
- 1. Resonate
  - 2. Integrity
  - 3. Dependence
  - 4. Obstain

Q.8 Select the correct option to form a meaningful sentence.

I can't / to / see / of / dogs / rehomed / bear / pictures / rescued / waiting / to be

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k)

Ans ✗ 1. a, b, h, i, e, j, k, f, g, c, d

✓ 2. a, g, b, c, h, d, i, e, j, k, f

✗ 3. a, j, b, c, d, i, e, k, g, f, h

✗ 4. a, k, b, h, d, i, j, g, f, c, e

Q.9 Select the option that expresses the given sentence in passive voice.

Close the curtains!

Ans ✗ 1. Let the curtains be close!

✓ 2. Let the curtains be closed!

✗ 3. Let the curtains fall close!

✗ 4. Let the curtains become closed!

Q.10 Select the most appropriate meaning of the given idiom.  
Break a leg

Ans ✗ 1. Wish bad luck

✓ 2. Wish good luck

✗ 3. Sprain a leg

✗ 4. Hurt yourself

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

No longer in existence or use

Ans ✓ 1. Obsolete

✗ 2. Outpour

✗ 3. Omnipotent

✗ 4. Obscure

Q.12 Select the option that expresses the following sentence in passive voice.

The teacher praised the students for their excellent performance.

Ans ✗ 1. The students are praised by the teacher for their excellent performance.

✗ 2. The students had been praised by the teacher for their excellent performance.

✗ 3. The students were being praised by the teacher for their excellent performance.

✓ 4. The students were praised by the teacher for their excellent performance.

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

Would you repair the bike?

Ans ✗ 1. Would you be repaired by the bike?

✓ 2. Would the bike be repaired by you?

✗ 3. Would have the bike repaired by you?

✗ 4. Would the bike repaired by you?

Q.14 Select the option that expresses the given sentence in indirect speech.

The principal said, "A biometric device will be installed from the next week."

- Ans
- 1. The principal said that a biometric device will be installed the next week.
  - 2. The principal said that a biometric device would be installed the for following week.
  - 3. The principal said that a biometric device would have been installed the following week.
  - 4. The principal said that a biometric device would be installed from the following week.

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

Book written by an author on his own life

- Ans
- 1. Autobiography
  - 2. Biography
  - 3. Anthology
  - 4. Historiography

### 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 road to success is not \_\_\_1\_\_\_; there is a curve called failure, a loop called confusion, speed bumps called friends, caution-lights called family, and you \_\_\_2\_\_\_ have flats called jobs. But \_\_\_3\_\_\_ you have a spark called determination, an engine called perseverance, insurance called faith, and a driver called God, you will make it \_\_\_4\_\_\_ a place called success!

In spite of all our planning and preparation, \_\_\_5\_\_\_ challenges are certain to arise.

### SubQuestion No : 16

Q.16

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

- Ans
- 1. straight
  - 2. perpendicular
  - 3. even
  - 4. parallel

**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 road to success is not \_\_\_1\_\_\_; there is a curve called failure, a loop called confusion, speed bumps called friends, caution-lights called family, and you \_\_\_2\_\_\_ have flats called jobs. But \_\_\_3\_\_\_ you have a spark called determination, an engine called perseverance, insurance called faith, and a driver called God, you will make it \_\_\_4\_\_\_ a place called success!

In spite of all our planning and preparation, \_\_\_5\_\_\_ challenges are certain to arise.

**SubQuestion No : 17**

Q.17

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

- Ans
- 1. will
  - 2. should
  - 3. ought to
  - 4. dare

**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 road to success is not \_\_\_1\_\_\_; there is a curve called failure, a loop called confusion, speed bumps called friends, caution-lights called family, and you \_\_\_2\_\_\_ have flats called jobs. But \_\_\_3\_\_\_ you have a spark called determination, an engine called perseverance, insurance called faith, and a driver called God, you will make it \_\_\_4\_\_\_ a place called success!

In spite of all our planning and preparation, \_\_\_5\_\_\_ challenges are certain to arise.

**SubQuestion No : 18**

Q.18

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

- Ans
- 1. whether
  - 2. and
  - 3. if
  - 4. so

**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 road to success is not \_\_\_1\_\_\_; there is a curve called failure, a loop called confusion, speed bumps called friends, caution-lights called family, and you \_\_\_2\_\_\_ have flats called jobs. But \_\_\_3\_\_\_ you have a spark called determination, an engine called perseverance, insurance called faith, and a driver called God, you will make it \_\_\_4\_\_\_ a place called success!

In spite of all our planning and preparation, \_\_\_5\_\_\_ challenges are certain to arise.

**SubQuestion No : 19**

Q.19

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

- Ans
- 1. until
  - 2. to
  - 3. although
  - 4. through

**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 road to success is not \_\_\_1\_\_\_; there is a curve called failure, a loop called confusion, speed bumps called friends, caution-lights called family, and you \_\_\_2\_\_\_ have flats called jobs. But \_\_\_3\_\_\_ you have a spark called determination, an engine called perseverance, insurance called faith, and a driver called God, you will make it \_\_\_4\_\_\_ a place called success!

In spite of all our planning and preparation, \_\_\_5\_\_\_ challenges are certain to arise.

**SubQuestion No : 20**

Q.20

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

- Ans
- 1. uneasy
  - 2. unsatisfactory
  - 3. ungracious
  - 4. unexpected

**Comprehension:**

Read the given passage and answer the questions that follow.

Hunger is an emotive word. Most of us reading this are fortunate to have enough to eat. We find the idea that the other people live in hunger deeply unsettling. Hence, it is also unsettling that the well-publicised 2022 Global Hunger Index has ranked India at 107 out of 121 countries. It has ranked India behind North Korea, Ethiopia, Sudan, Rwanda, Nigeria and Congo. This doesn't seem to make much sense. But people don't really like digging through the actual reports and methodology. They read the headline and comment on that and move on.

The GHI report is jointly released by Concern Worldwide and Welthungerhilfe, non-government organisations from Ireland and Germany, respectively. Both are good organisations with long and reputed track records. The report is a 60-page beautiful PDF document, with its heart in the right place. The formatting and language are perfect. It has beautiful pictures, such as of African farm women holding vegetables.

At the same time, its rankings are highly questionable. Four criteria are used to determine the final index: prevalence of undernourishment, child stunting rate, child wasting rate, and child mortality. Thus, three of the four criteria are related to children. Child stunting rate is defined as the percentage of children that are two standard deviations below the reference height for a 5-year-old. Child wasting rate is defined as the percentage of children that are two standard deviations below the reference weight for a 5-year-old. The argument is that if our children are not tall enough or do not weigh enough, it is an indicator of national hunger. It is in these parameters that India scored poorly, hence the slippage in rank.

The GHI report takes India's data from our own National Family Health Survey 2019-21. This in turn is prepared by the health and family welfare ministry, by surveying a sizable sample of over 61 lakh households. In this 700-plus page survey report also, there is data for India's child stunting and child wasting rates. It says 36% of Indian kids are stunted and 19% of the children are wasted. These are some of the highest values in the world. Plug these into the GHI criteria spreadsheet, India ranks low, behind even North Korea. We are a starving nation!

**SubQuestion No : 21**

Q.21 Select the correct summary of the given passage.

- Ans
- 1. The organisations prepared GHI with unquestionable criteria taken all the things into consideration.
  - 2. Child growth is important though india is trying hard to combat the problem. When it is addressed, India will not be a hunger country
  - 3. The GHI report is good with perfect language, but the pictures are not beautiful and colourful.
  - 4. Primarily based on the children's height and weight, the nation's GHI 2022 was calculated, so India's place was 107 which is questionable.

**Comprehension:**

Read the given passage and answer the questions that follow.

Hunger is an emotive word. Most of us reading this are fortunate to have enough to eat. We find the idea that the other people live in hunger deeply unsettling. Hence, it is also unsettling that the well-publicised 2022 Global Hunger Index has ranked India at 107 out of 121 countries. It has ranked India behind North Korea, Ethiopia, Sudan, Rwanda, Nigeria and Congo. This doesn't seem to make much sense. But people don't really like digging through the actual reports and methodology. They read the headline and comment on that and move on.

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**SubQuestion No : 22**

**Q.22 Select the tone of the last line 'We are a starving nation!'**

- Ans
- 1. Pathetic
  - 2. Religious
  - 3. Ironic
  - 4. Realistic

**Comprehension:**

Read the given passage and answer the questions that follow.

Hunger is an emotive word. Most of us reading this are fortunate to have enough to eat. We find the idea that the other people live in hunger deeply unsettling. Hence, it is also unsettling that the well-publicised 2022 Global Hunger Index has ranked India at 107 out of 121 countries. It has ranked India behind North Korea, Ethiopia, Sudan, Rwanda, Nigeria and Congo. This doesn't seem to make much sense. But people don't really like digging through the actual reports and methodology. They read the headline and comment on that and move on.

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#### SubQuestion No : 23

Q.23 Which of the following CANNOT be accepted by the general public in India regarding GHI?

- Ans
- 1. The GHI report takes India's data from our own National Family Health Survey.
  - 2. 19% of Indian children are wasted.
  - 3. If our children are not tall enough or do not weigh enough, it is an indicator of national hunger.
  - 4. One of the two organisations that prepare GHI is from Ireland.



**Comprehension:**

Read the given passage and answer the questions that follow.

Hunger is an emotive word. Most of us reading this are fortunate to have enough to eat. We find the idea that the other people live in hunger deeply unsettling. Hence, it is also unsettling that the well-publicised 2022 Global Hunger Index has ranked India at 107 out of 121 countries. It has ranked India behind North Korea, Ethiopia, Sudan, Rwanda, Nigeria and Congo. This doesn't seem to make much sense. But people don't really like digging through the actual reports and methodology. They read the headline and comment on that and move on.

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**SubQuestion No : 24**

**Q.24 In which country is the organisation Welthungerhilfe based?**

- Ans
- 1. Australia
  - 2. India
  - 3. Germany
  - 4. Ireland

**Comprehension:**

Read the given passage and answer the questions that follow.

Hunger is an emotive word. Most of us reading this are fortunate to have enough to eat. We find the idea that the other people live in hunger deeply unsettling. Hence, it is also unsettling that the well-publicised 2022 Global Hunger Index has ranked India at 107 out of 121 countries. It has ranked India behind North Korea, Ethiopia, Sudan, Rwanda, Nigeria and Congo. This doesn't seem to make much sense. But people don't really like digging through the actual reports and methodology. They read the headline and comment on that and move on.

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**SubQuestion No : 25**

**Q.25 Which of the following countries is NOT mentioned as better than India in GHI?**

- Ans**
- ✓ 1. South Arica
  - ✗ 2. Sudan
  - ✗ 3. North Korea
  - ✗ 4. Ethiopia

## Selection Post Examination Phase XII 2024

Exam Date	25/06/2024
Exam Time	5:15 PM - 6:15 PM
Subject	Selection Post Higher Secondary level

### Section : General Intelligence

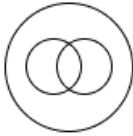
**Q1** Select the Venn diagram that best illustrates the relationship between the following classes.

Lion, Dog, Elephant

Ans

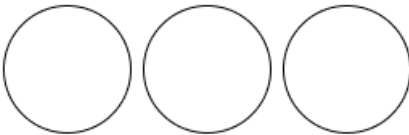
1.

✗



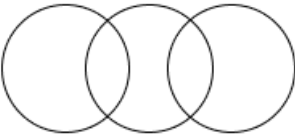
2.

✓



3.

✗



4.

✗



**Q2** 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 : Bull :: Mare : ?

Ans

✓ 1. Stallion

✗ 2. Buck

✗ 3. Boar

✗ 4. Lamb

**Q3** The numbers in each set are related to each other in a certain way. (2, 12, 72), (7, 42, 252), (4, 24, ?)

Based on the relationship among the numbers in the first two sets, select the number that can replace the question mark (?) in the third set.

Ans

✗ 1. 124

✓ 2. 144

✗ 3. 164

✗ 4. 140

**Q4** In a certain code language, 'PAST' is coded as '9713' and 'SORE' is coded as '8146'. What is the code for 'S' in that language?

Ans

✗ 1. 4

✓ 2. 1

✗ 3. 9

✗ 4. 8

Q.5 If 'A' stands for '+', 'B' stands for 'x', 'C' stands for '+' and 'D' stands for '-', what will come in place of the question mark (?) in the following equation?

$$36 \text{ B } 17 \text{ D } 59 \text{ C } 224 \text{ A } 7 = ?$$

- Ans
- 1. 585
  - 2. 558
  - 3. 685
  - 4. 855

Q.6 Select the number from among the given options that can replace the question mark (?) in the following series.

729, 512, 343, ?, 125

- Ans
- 1. 64
  - 2. 16
  - 3. 216
  - 4. 576

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



- Ans
- 1.  $\text{c w t s j q p}$
  - 2.  $\text{c w t s j q p}$
  - 3.  $\text{c w t s j q p}$
  - 4.  $\text{c w t s j q p}$

Q.8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

\_ \_ N E \_ \_ C I N \_ \_ \_ C \_ \_ M \_

- Ans
- 1. IMCEANEMAME
  - 2. AIMCNEMNACN
  - 3. CIMAEMAINEA
  - 4. MECIANEMANE

Q.9 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Toddler
2. Adult
3. Adolescent
4. Foetus
5. Baby

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

Q.10 In a certain code language, 'BUSHY' is written as 'CTTGZ' and 'COAST' is written as 'DNBRU'. How will 'DWELL' be written in that language?

- Ans
- 1. EVGKM
  - 2. EXFMN
  - 3. EXFKN
  - 4. EVFKM

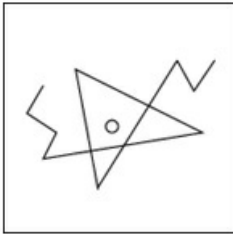
Q.11 Select the option figure in which the given figure is embedded as its part (Rotation is NOT allowed).



Ans

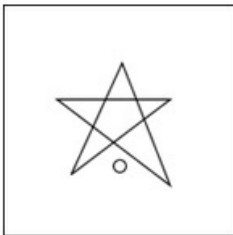
1.

✗



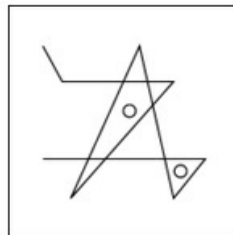
2.

✗



3.

✓



4.

✗



Q.12 In a certain code language,

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

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

'A × B' means 'A is the mother of B'

'A ÷ B' means 'A is the daughter of B'

Based on the above, how is O related to L if 'O - M ÷ N + L'?

Ans

✓ 1. Daughter

✗ 2. Mother

✗ 3. Sister

✗ 4. Daughter-in-law

Q.13 In this question, 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 follows/follow from the statements.

Statements:

- I. Some digits are alphabets.
- II. All alphabets are books.
- III. Some books are novels.

Conclusions:

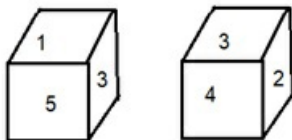
- I. All novels are digits.
- II. Some digits are books.

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

Q.14 In a certain code language,  
 'A+ B' means 'A is the mother of B',  
 'A - B' means 'A is the father of B',  
 'A × B' means 'A is the daughter of B'.  
 Based on the above, how is H related to L if 'H + I - J × K + L'?

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

Q.15 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Two positions of this dice are shown in the following figure. Find the number on the face opposite to 2.



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

Q.16 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

- 1. District
- 2. Room
- 3. Village
- 4. State
- 5. House

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

Q.17 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Masterstroke
2. Malnutrition
3. Marigold
4. Magical
5. Magnify

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

Q.18 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

C \_ C \_ S \_ C \_ \_ C \_ \_

Ans  1. SCCSCSC  
 2. SCSSCCC  
 3. CSSCCSC  
 4. CCSCSSC

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.

DIALOGUE : HMEPKCQA :: HOSPITAL : LSWTEPWH ::  
 CHAMBERS : ?

Ans  1. GLEQXANO  
 2. GLEQXZNO  
 3. GLEQWAON  
 4. GLEPXANO

Q.20 In a certain code language, 'NOISE' is coded as 124 and 'WILD' is coded as 96. How will 'GIVER' be coded in the same language?

Ans  1. 111  
 2. 120  
 3. 122  
 4. 104

Q.21 In a certain code language,  
 'M & N' means 'M is the mother of N'  
 'M @ N' means 'M is the son of N',  
 'M # N' means 'M is the daughter of N'.  
 Based on the above, how is L related to O if 'K & L & M # N @ O'?

Ans  1. Brother's wife  
 2. Sister  
 3. Son's wife  
 4. Daughter

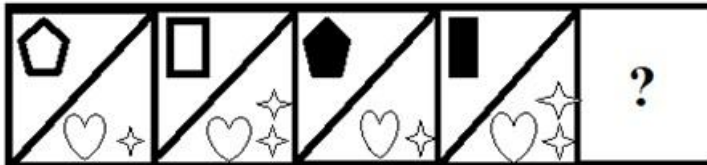
Q.22 In a certain code language, 'THORP' is written as 'IUNKM' and 'SERIES' is written as 'JXKTXJ'. How will 'TRACE' be written in that language?

Ans  1. XBZKI  
 2. IKXBZ  
 3. IKBZX  
 4. IKBXZ

Q.23 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)  
Eye : Tears :: Skin : ?

- Ans  1. Sweat  
 2. Supple  
 3. Soft  
 4. Body

Q.24 Select the figure from among the given options that can replace the question mark (?) in the following series.



- Ans
1.
2.
3.
4.

Q.25 Two 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 mugs are rugs.

All tugs are mugs.

Conclusions:

I. Some rugs are mugs.

II. Some mugs are tugs.

III. No rug is a mug.

- Ans  1. Both conclusions II and III follow.  
 2. Both conclusions I and III follow.  
 3. Both conclusions I and II follow.  
 4. All conclusions I, II and III follow.



Q.1 A \_\_\_\_\_ is one billionth of a metre.

- Ans
- 1. parsec
  - 2. micrometre
  - 3. nanometre
  - 4. angstrom

Q.2 Who among the following Hindustani classical musicians was NOT associated with 'Maihar Gharana'?

- Ans
- 1. Ustad Bismillah Khan
  - 2. Ali Akbar Khan
  - 3. Pt Ravi Shankar
  - 4. Annapurna Devi

Q.3 Which of the following festivals is also known as the '100 drums festival'?

- Ans
- 1. Wangala
  - 2. Cheiraoba
  - 3. Saga Dawa
  - 4. Sanken

Q.4 Which is the deepest point of Earth's oceans with a depth of 11,022 metres?

- Ans
- 1. Pacific Ocean's Mariana Trench
  - 2. Indian Ocean's Java Trench
  - 3. Arctic Ocean's Eurasian Basin
  - 4. Atlantic Ocean's Puerto Rico Trench

Q.5 Chromosomes found in the salivary glands of *Drosophila* are:

- Ans
- 1. giant chromosome lampbrush
  - 2. presence of minute chromosomes
  - 3. giant chromosome polytene
  - 4. presence of fat digestive enzymes

Q.6 The Vikramshila University was founded under the patronage of the king \_\_\_\_\_ .

- Ans
- 1. Devraja
  - 2. Gopala
  - 3. Dharmapala
  - 4. Devpala

Q.7 Lad Khan Temple at Aihole in Karnataka is an example of which of the following styles of temple architecture?

- Ans
- 1. Pagoda
  - 2. Dravida
  - 3. Nagara
  - 4. Vesara

Q.8 In which of the following years was the first population census conducted non-synchronously in different parts of India?

- Ans
- 1. 1912
  - 2. 1885
  - 3. 1900
  - 4. 1872

Q.9 Which of the following options is INCORRECT?  
In order to become a member of Vidhan Sabha, a person must:

- Ans
- 1. not hold any office of profit
  - 2. have his/her name in the voters' list
  - 3. be a citizen of India
  - 4. have attained the age of 21 years

Q.10 In February 2023, which State Government's cabinet has approved the new excise policy under which 'ahatas', or areas for drinking attached to liquor outlets, and shop bars will be closed?

- Ans
- 1. West Bengal
  - 2. Bihar
  - 3. Madhya Pradesh
  - 4. Uttar Pradesh

Q.11 In which of the following festivals is Kolam drawn?

- Ans
- 1. Pongal
  - 2. Karma
  - 3. Bhogali Bihu
  - 4. Hareli

Q.12 The ministers in the state hold office during the pleasure of the:

- Ans
- 1. Speaker of the Legislative Assembly
  - 2. Deputy Chief Minister
  - 3. Governor
  - 4. Chief Minister

Q.13 Which Article of the Indian Constitution makes it clear that Directive Principles of State Policy are fundamental in the governance of the country and it shall be the duty of the state to apply these principles in making laws?

- Ans
- 1. Article 46
  - 2. Article 44
  - 3. Article 37
  - 4. Article 40

Q.14 \_\_\_\_\_ is the study of the distribution and movement of water both on and below the Earth's surface, as well as the impact of human activity on water availability and conditions.

- Ans
- 1. Biology
  - 2. Hydrology
  - 3. Ecology
  - 4. Anthology

Q.15 Through an Act passed in which year was the post of Governor-General removed and a new post of Viceroy got created during British rule in India?

- Ans
- 1. 1935
  - 2. 1853
  - 3. 1858
  - 4. 1833

Q.16 Which triangular plateau region of India lies south of the river Narmada?

- Ans
- 1. Deccan plateau
  - 2. Malwa plateau
  - 3. Marwar plateau
  - 4. Bagelkhand plateau

Q.17 Pradhan Mantri Virasat Ka Samvardhan (PM VIKAS) Scheme is a scheme of which Ministry of the Government of India?

- Ans
- 1. Ministry of Culture
  - 2. Ministry of Tourism
  - 3. Ministry of Minority Affairs
  - 4. Ministry of Tribal Affairs

Q.18 Padma Shri Awardee Gosaveedu Shaik Hassan is known for playing:

- Ans
- 1. Ghatam
  - 2. Violin
  - 3. Veena
  - 4. Nadaswaram

Q.19 Who among the following Mauryan rulers was the first, who tried to convey his messages to his subjects concerning the idea and practice of dhamma through inscriptions?

- Ans
- 1. Brihadaratha
  - 2. Ashoka
  - 3. Dasaratha
  - 4. Chandragupta Maurya

Q.20 What is the percentage of people below the poverty line in India according to Government of India, planning commission 2013?

- Ans
- 1. 21.92%
  - 2. 13.98%
  - 3. 23.67%
  - 4. 5.09%

Q.21 AIDS is an abbreviation for:

- Ans
- 1. Acquired Immunic Deficiency Syndrome
  - 2. Acquired Immuno Deficiency Syndicate
  - 3. Acquire Immuno Deficiency Syndicate
  - 4. Acquired Immuno Deficiency Syndrome

Q.22 Who among the following is the author of the book 'The Complete Adventures of Feluda'?

- Ans
- 1. Satyajit Ray
  - 2. Mrinal Sen
  - 3. Goutam Ghosh
  - 4. Ritwik Ghatak

Q.23 Which of the following does NOT come under the Concurrent List?

- Ans
- 1. Medical Education
  - 2. Artificial Habitats
  - 3. Protection of Wildlife
  - 4. Population Control

Q.24 Who among the following was appointed as the Chairman of the 22<sup>nd</sup> law commission in November 2022?

- Ans
- 1. Justice (retd) Rituraj Awasthi
  - 2. Justice D Y Chandrachud
  - 3. Justice (retd) S Abdul Nazeer
  - 4. Justice T K Shankar

Q.25 Under the Governor Generalship of \_\_\_\_\_, the Permanent Settlement was introduced in 1793.

- Ans
- 1. Dalhousie
  - 2. Willian Bentinck
  - 3. Charles Cornwallis
  - 4. Warren Hastings

Section : Quantitative Aptitude

Q.1 A vendor buys 20 pens for ₹15 and sells them at 15 for ₹20. How many pens should be bought and sold to earn a profit of ₹245?

- Ans
- 1. 320
  - 2. 280
  - 3. 420
  - 4. 540

Q.2 A person spends 60% of his income. His income increased by 30% and he increased his expenditure by 20%. His percent savings will then be increased by:

- Ans
- 1. 48%
  - 2. 46%
  - 3. 45%
  - 4. 42%

Q.3 A can do a piece of work in 25 days. After working for 5 days, he took help of B and completed the work in 8 days. If both A and B had worked together from the beginning, in how many days would they have completed the work?

- Ans
- 1. 12
  - 2. 10
  - 3. 14
  - 4. 15

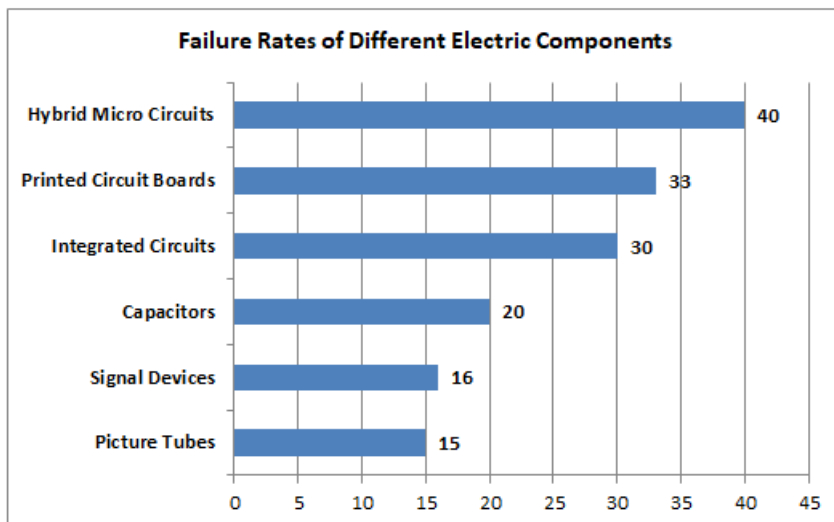
Q.4 If  $x + \frac{1}{x} = 7$ , find the value of  $x^3 + \frac{1}{x^3}$ .

- Ans
- 1. 343
  - 2. 322
  - 3. 340
  - 4. 332

Q.5 The prices of a school bag and a school dress are in the ratio of 8 : 7. The price of the school bag is ₹400 more than the price of the school dress. Find the price of the school dress.

- Ans
- 1. ₹3,800
  - 2. ₹3,400
  - 3. ₹2,400
  - 4. ₹2,800

Q.6 The following bar graph shows the failure rates (in thousands) for different electric components:



How many times is the failure rate of hybrid micro circuits compared to that of signal devices?

- Ans
- ✓ 1. 2.5
  - ✗ 2. 0.4
  - ✗ 3. 4
  - ✗ 4. 5.2

Q.7 In a circular race of 2,500 m, Reeta and Geeta start running in the same direction from the same point and at the same time with speeds of 36 km/h and 54 km/h, respectively. After how much time will they meet for the first time on the track?

- Ans
- ✗ 1. 490 second
  - ✗ 2. 480 second
  - ✗ 3. 510 second
  - ✓ 4. 500 second

Q.8 The following table shows the number of medals won by four boys in different activities.

Name of Boy/Activity	Yoga	Swimming	Dance	Singing
Ramagya	24	28	32	33
Bitthal	28	30	29	28
Rameshwar	35	29	38	30
Krishna	29	34	31	36

Who won more medals in swimming than in singing?

- Ans
- ✗ 1. Ramagya
  - ✓ 2. Bitthal
  - ✗ 3. Krishna
  - ✗ 4. Rameshwar

Q.9 Two numbers are in the ratio 4 : 5. If 17 is subtracted from each, the new numbers are in the ratio 11 : 14. If 20 is added to each of the original numbers, then the ratio becomes:

- Ans
- 1. 241 : 275
  - 2. 224 : 241
  - 3. 275 : 241
  - 4. 224 : 275

Q.10 In a division sum, the divisor is 10 times the quotient and 5 times the remainder. If the remainder is 12, then what is the dividend?

- Ans
- 1. 368
  - 2. 386
  - 3. 352
  - 4. 372

Q.11 Which of the following numbers will completely divide  $4^{12} + 4^{13} + 4^{14} + 4^{15}$ ?

- Ans
- 1. 11
  - 2. 17
  - 3. 3
  - 4. 7

Q.12 Sarthak and Mohan are working on alternate days in a workshop. Sarthak can complete the work in 20 days while Mohan can finish in 25 days. Sarthak works on the 1st day, Mohan on the 2nd day, and so on. How much time (in days) will they take on alternate basis?

- Ans
- 1.  $22\frac{1}{3}$
  - 2.  $20\frac{1}{5}$
  - 3.  $22\frac{1}{5}$
  - 4. 23

Q.13 In what duration (in years) will ₹1,500 amount to ₹2,250 at simple interest 10% per annum?

- Ans
- 1. 5
  - 2. 3.5
  - 3. 3
  - 4. 5.5

Q.14 A shopkeeper normally makes a profit of 20% in a certain transaction; he weighed 900 gm instead of 1 kg due to an error in the weighing machine. If he charges 15% less than what he normally charges, then what is his actual profit or loss percentage?

- Ans
- 1. 13.33% profit
  - 2. 13.33% loss
  - 3. 18.00% loss
  - 4. 18.33% profit

Q.15 Evaluate.  $\left(\frac{\sin 23^\circ \cos 67^\circ + \cos 23^\circ \sin 67^\circ}{\operatorname{cosec}^2 15^\circ - \tan^2 75^\circ}\right)^3$

- Ans
- 1. 0
  - 2. 8
  - 3. -1
  - 4. 1

Q.16 A shopkeeper announced 17% rebate on the marked price of an article. If the selling price of the article is ₹1,245, then the marked price (in ₹) of the article is :

- Ans
- 1. 1820
  - 2. 1600
  - 3. 1500
  - 4. 1780

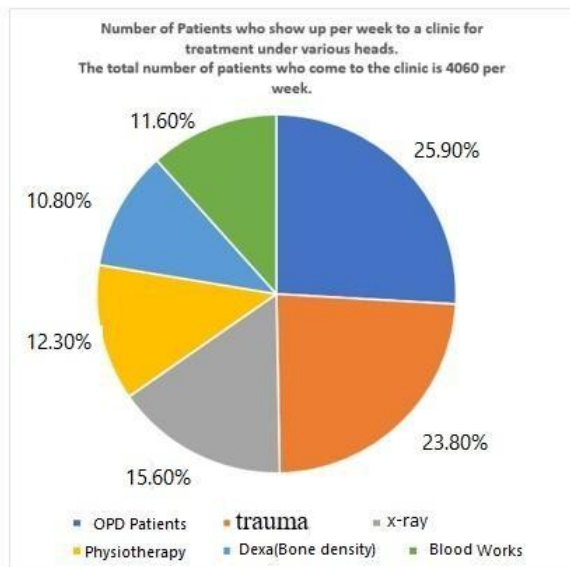
Q.17 A sphere and a cube have equal surface areas. The ratio of the volume of the sphere to that of the cube is:

- Ans
- 1.  $\sqrt{3} : \sqrt{\pi}$
  - 2.  $\sqrt{6} : \sqrt{\pi}$
  - 3.  $\sqrt{\pi} : \sqrt{8}$
  - 4.  $\sqrt{2} : \sqrt{\pi}$

Q.18 In  $\triangle OPQ$ ,  $\angle O = 50^\circ$ ,  $\angle P = 70^\circ$ , and the bisectors of  $\angle P$  and  $\angle Q$  meet at R. Find  $\angle PRQ$ .

- Ans
- 1.  $115^\circ$
  - 2.  $125^\circ$
  - 3.  $120^\circ$
  - 4.  $118^\circ$

- Q.19 The given pie chart displays the number of patients who come to a clinic per week, for treatment under various heads. The total number of patients who come to the clinic is 4060 per week. Study the pie chart and answer the question that follows.



The combined number of patients for the treatment of trauma, dexa and blood works is what percentage (rounded off to 1 decimal place) more or less than the combined number of patients for OPD, X-ray and physiotherapy?

- Ans
- 1. Less, 12.7%
  - 2. More, 14.1%
  - 3. Less, 14.1%
  - 4. More, 12.7%

- Q.20 A train leaves Hyderabad at 4:00 A.M. and reaches Vijayawada at 8:00 A.M. the same day. Another train leaves Vijayawada at 6:00 A.M. and reaches Hyderabad at 9:30 A.M. the same day. At what time do the two trains cross each other?

- Ans
- 1. 7:45 A.M.
  - 2. 6:56 A.M.
  - 3. 6:45 A.M.
  - 4. 7:56 A.M.

- Q.21 A person mixes two liquids, x and y. One litre of x weighs approximately 900 g, and one litre of y weighs approximately 750 g. If one litre of the mixture weighs approximately 800 g, then the percentage of x in the mixture is:

- Ans
- 1.  $27\frac{1}{2}\%$
  - 2.  $33\frac{1}{3}\%$
  - 3. 50%
  - 4. 30%

- Q.22 A shopkeeper mixes 15 kg of sugar costing ₹ 11/kg with 22 kg of sugar costing ₹12/kg. What is the cost (in ₹) per kg of the mixture? (Rounded off to 2 decimal places)

- Ans
- 1. 11.51
  - 2. 11.59
  - 3. 11.84
  - 4. 11.38



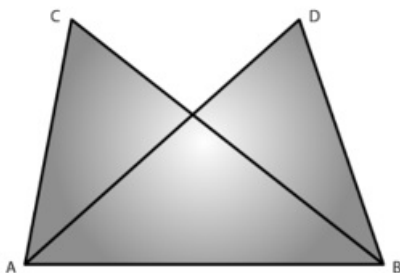
Q.23 If a car covers 90 km using 4 litres of petrol, how much distance (in km) will it cover using 32 litres of petrol?

- Ans
- 1. 650
  - 2. 710
  - 3. 680
  - 4. 720

Q.24 If  $(x + y + z) = 23$  and  $x^2 + y^2 + z^2 = 179$ , then find the value of  $(xy + yz + zx)$ .

- Ans
- 1. 225
  - 2. 350
  - 3. 280
  - 4. 175

Q.25  $\triangle ABC$  and  $\triangle ABD$  are on a common base AB and  $AC = BD$  and  $BC = AD$  as shown in the given figure.



Which of the following options is true?

- Ans
- 1. There are no congruent triangles in the given figure
  - 2.  $\triangle ABC \cong \triangle ABD$
  - 3.  $\triangle ABC \cong \triangle ADB$
  - 4.  $\triangle ABC \cong \triangle BAD$

Section : English Language

Q.1 The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer.

By the time she retires, / she has been teaching / at the university for 30 years.

- Ans
- 1. No error
  - 2. By the time she retires
  - 3. she has been teaching
  - 4. at the university for 30 years

Q.2 Select the most appropriate meaning of the given idiom.  
To make both ends meet

- Ans
- 1. Quite worthless
  - 2. To take back what you have said
  - 3. To anticipate
  - 4. To live within one's income

Q.3 Select the INCORRECTLY spelt word.

- Ans
- 1. Accuse
  - 2. Raival
  - 3. Conservative
  - 4. Trigger

Q4 Select the option that can be used as a one-word substitute for the given group of words.

A study of the conditions and structure of the earth

- Ans
- 1. Biology
  - 2. Geography
  - 3. Meteorology
  - 4. Geology

Q5 Select the option that expresses the given sentence in indirect speech.

He said, "She has finished the painting."

- Ans
- 1. She has finished the painting he said.
  - 2. He said she had finished the painting.
  - 3. He said that she had finished the painting.
  - 4. He said she has finished the painting.

Q6 Select the most appropriate meaning of the given idiom.

Rohit laid down his proposal, and told Rohit that the ball was now in his court.

- Ans
- 1. He had to continue the remaining time in court
  - 2. It is Rohit's responsibility to take the next action or decision
  - 3. The captaincy of the team was on his shoulders
  - 4. He had to play the game and win the match

Q7 Select the option that can be used as a one-word substitute for the given group of words.

Crime of killing a king

- Ans
- 1. Pesticide
  - 2. Regicide
  - 3. Genocide
  - 4. Homicide

Q8 Select the sentence that does NOT have a spelling error.

- Ans
- 1. How dare you challenge me?
  - 2. How dare you challenge me?
  - 3. How dare you challange me?
  - 4. How dare you chalenge me?

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

Beliefs or incidents that happen in a way which cannot be explained by reason or science.

- Ans
- 1. Marvels
  - 2. Wonders
  - 3. Science totems
  - 4. Superstitions

Q10 Select the option that expresses the given sentence in active voice.  
A Mercedes-Benz was owned by my father.

- Ans
- 1. My father has owned a Mercedes-Benz.
  - 2. My father owned a Mercedes-Benz.
  - 3. My father owns a Mercedes-Benz.
  - 4. My father has been owning a Mercedes-Benz.

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

Were these books bought by her yesterday?

- Ans
- 1. Is she the one who bought these books yesterday?
  - 2. Did she buy these books yesterday?
  - 3. Who bought these books yesterday?
  - 4. Are these books bought by her yesterday?

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

A person who renounces a religious or political belief or principle.

- Ans
- 1. Ascetic
  - 2. Atheist
  - 3. Agnostic
  - 4. Apostate

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

We love Nathan.

- Ans
- 1. Nathan is loved by us.
  - 2. Nathan is being loved by us.
  - 3. Nathan has been loved by us.
  - 4. Nathan have been loved by us.

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

A few minutes later a request came that all members of the house party should assemble in the drawing-room.

- Ans
- 1. Gather
  - 2. Guard
  - 3. Search
  - 4. Disperse

Q.15 Select the most appropriate article to fill in the blank.

Your shirt is \_\_\_\_\_ same colour as mine.

- Ans
- 1. the
  - 2. an
  - 3. a
  - 4. No article required

**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 water cycle, also known as the hydrological cycle, is a continuous process that circulates water throughout the Earth's systems. It involves the movement of water between the (1)\_\_\_\_\_, the water bodies and the land. The cycle consists of several key stages, each playing a crucial role in maintaining Earth's water balance.

At the heart of the water cycle is the process of (2)\_\_\_\_\_. This is where water from oceans, lakes and rivers is heated by the sun and turns into water vapour. This water vapour then rises into the atmosphere, where it cools and condenses to form clouds. When these clouds become heavy enough, they release their moisture through (3)\_\_\_\_\_, which can fall as rain or other forms of precipitation.

When precipitation falls onto the land, it can take different paths. Some of it may evaporate back into the air, while some may be taken up by plants and released back into the atmosphere through a process called (4)\_\_\_\_\_. The rest of the water may flow over the land's surface, gathering in streams and rivers that eventually lead back to the oceans, completing the cycle.

The water cycle is essential for maintaining Earth's ecosystems and supporting life. It helps distribute fresh water to various regions, replenishes water sources, and plays a role in regulating (5)\_\_\_\_\_ temperatures. Understanding the water cycle is crucial for addressing water scarcity and managing natural resources effectively.

**SubQuestion No : 16**

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

- Ans**
- 1. atmosphere
  - 2. environment
  - 3. forest
  - 4. ecosystem

**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 water cycle, also known as the hydrological cycle, is a continuous process that circulates water throughout the Earth's systems. It involves the movement of water between the (1)\_\_\_\_\_, the water bodies and the land. The cycle consists of several key stages, each playing a crucial role in maintaining Earth's water balance.

At the heart of the water cycle is the process of (2)\_\_\_\_\_. This is where water from oceans, lakes and rivers is heated by the sun and turns into water vapour. This water vapour then rises into the atmosphere, where it cools and condenses to form clouds. When these clouds become heavy enough, they release their moisture through (3)\_\_\_\_\_, which can fall as rain or other forms of precipitation.

When precipitation falls onto the land, it can take different paths. Some of it may evaporate back into the air, while some may be taken up by plants and released back into the atmosphere through a process called (4)\_\_\_\_\_. The rest of the water may flow over the land's surface, gathering in streams and rivers that eventually lead back to the oceans, completing the cycle.

The water cycle is essential for maintaining Earth's ecosystems and supporting life. It helps distribute fresh water to various regions, replenishes water sources, and plays a role in regulating (5)\_\_\_\_\_ temperatures. Understanding the water cycle is crucial for addressing water scarcity and managing natural resources effectively.

**SubQuestion No : 17**

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

- Ans
- 1. sublimation
  - 2. liquefaction
  - 3. condensation
  - 4. evaporation

**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 water cycle, also known as the hydrological cycle, is a continuous process that circulates water throughout the Earth's systems. It involves the movement of water between the (1)\_\_\_\_\_, the water bodies and the land. The cycle consists of several key stages, each playing a crucial role in maintaining Earth's water balance.

At the heart of the water cycle is the process of (2)\_\_\_\_\_. This is where water from oceans, lakes and rivers is heated by the sun and turns into water vapour. This water vapour then rises into the atmosphere, where it cools and condenses to form clouds. When these clouds become heavy enough, they release their moisture through (3)\_\_\_\_\_, which can fall as rain or other forms of precipitation.

When precipitation falls onto the land, it can take different paths. Some of it may evaporate back into the air, while some may be taken up by plants and released back into the atmosphere through a process called (4)\_\_\_\_\_. The rest of the water may flow over the land's surface, gathering in streams and rivers that eventually lead back to the oceans, completing the cycle.

The water cycle is essential for maintaining Earth's ecosystems and supporting life. It helps distribute fresh water to various regions, replenishes water sources, and plays a role in regulating (5)\_\_\_\_\_ temperatures. Understanding the water cycle is crucial for addressing water scarcity and managing natural resources effectively.

**SubQuestion No : 18**

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

- Ans
- 1. sublimation
  - 2. evaporation
  - 3. precipitation
  - 4. condensation

**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 water cycle, also known as the hydrological cycle, is a continuous process that circulates water throughout the Earth's systems. It involves the movement of water between the (1)\_\_\_\_\_, the water bodies and the land. The cycle consists of several key stages, each playing a crucial role in maintaining Earth's water balance.

At the heart of the water cycle is the process of (2)\_\_\_\_\_. This is where water from oceans, lakes and rivers is heated by the sun and turns into water vapour. This water vapour then rises into the atmosphere, where it cools and condenses to form clouds. When these clouds become heavy enough, they release their moisture through (3)\_\_\_\_\_, which can fall as rain or other forms of precipitation.

When precipitation falls onto the land, it can take different paths. Some of it may evaporate back into the air, while some may be taken up by plants and released back into the atmosphere through a process called (4)\_\_\_\_\_. The rest of the water may flow over the land's surface, gathering in streams and rivers that eventually lead back to the oceans, completing the cycle.

The water cycle is essential for maintaining Earth's ecosystems and supporting life. It helps distribute fresh water to various regions, replenishes water sources, and plays a role in regulating (5)\_\_\_\_\_ temperatures. Understanding the water cycle is crucial for addressing water scarcity and managing natural resources effectively.

**SubQuestion No : 19**

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

- Ans
- 1. condensation
  - 2. transpiration
  - 3. evaporation
  - 4. precipitation

**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 water cycle, also known as the hydrological cycle, is a continuous process that circulates water throughout the Earth's systems. It involves the movement of water between the (1)\_\_\_\_\_, the water bodies and the land. The cycle consists of several key stages, each playing a crucial role in maintaining Earth's water balance.

At the heart of the water cycle is the process of (2)\_\_\_\_\_. This is where water from oceans, lakes and rivers is heated by the sun and turns into water vapour. This water vapour then rises into the atmosphere, where it cools and condenses to form clouds. When these clouds become heavy enough, they release their moisture through (3)\_\_\_\_\_, which can fall as rain or other forms of precipitation.

When precipitation falls onto the land, it can take different paths. Some of it may evaporate back into the air, while some may be taken up by plants and released back into the atmosphere through a process called (4)\_\_\_\_\_. The rest of the water may flow over the land's surface, gathering in streams and rivers that eventually lead back to the oceans, completing the cycle.

The water cycle is essential for maintaining Earth's ecosystems and supporting life. It helps distribute fresh water to various regions, replenishes water sources, and plays a role in regulating (5)\_\_\_\_\_ temperatures. Understanding the water cycle is crucial for addressing water scarcity and managing natural resources effectively.

**SubQuestion No : 20**

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

- Ans**
- 1. global
  - 2. national
  - 3. communal
  - 4. rural



**Comprehension:**

Read the given passage and answer the questions that follow.

Our failure to control one of the most common of all ailments sometimes seems ridiculous. Medical science regularly practises transplant surgery and has rid whole countries of such killing diseases as Typhus and the Plague. But the problem of the common cold is unusually difficult and much has yet to be done to solve it. It is known that a cold is caused by one of a number of viral infections that affect the lining of the nose and other passages leading to the lungs, but the confusing variety of viruses makes studying and remedy very difficult. It was shown in 1960 that many typical colds in adults are caused by one or the other of a family of viruses known as rhinoviruses, yet there still remain many colds for which no virus has as yet been isolated.

There is also the difficulty that, because they are so much smaller than the bacteria which cause many other infections, viruses cannot be seen with ordinary microscopes. Nor can they be cultivated easily in the bacteriologist's laboratory, since they only grow within the living cells of animals or plants. An important recent step forward, however, is the development of the technique of tissue culture, in which bits of animal tissue are enabled to go on living and to multiply independently of the body. This has greatly aided virus research and has led to the discovery of a large number of viruses. Their existence had previously been not only unknown but even unsuspected. The fact that we can catch a cold repeatedly creates another difficulty. Usually, a virus strikes only once and leaves the victim immune to further attacks. Still, we do not gain immunity from colds. It seems, therefore, that we are likely to have to suffer colds for some time yet.

**SubQuestion No : 21**

**Q.21 Select the most suitable title for the given passage.**

- Ans**
- 1. The Technique of Tissue Culture Independently
  - 2. The Most Frequent Infectious Diseases
  - 3. Viruses Gain Immunity from Colds
  - 4. The Problem Of Controlling the Common Cold

**Comprehension:**

Read the given passage and answer the questions that follow.

Our failure to control one of the most common of all ailments sometimes seems ridiculous. Medical science regularly practises transplant surgery and has rid whole countries of such killing diseases as Typhus and the Plague. But the problem of the common cold is unusually difficult and much has yet to be done to solve it. It is known that a cold is caused by one of a number of viral infections that affect the lining of the nose and other passages leading to the lungs, but the confusing variety of viruses makes studying and remedy very difficult. It was shown in 1960 that many typical colds in adults are caused by one or the other of a family of viruses known as rhinoviruses, yet there still remain many colds for which no virus has as yet been isolated.

There is also the difficulty that, because they are so much smaller than the bacteria which cause many other infections, viruses cannot be seen with ordinary microscopes. Nor can they be cultivated easily in the bacteriologist's laboratory, since they only grow within the living cells of animals or plants. An important recent step forward, however, is the development of the technique of tissue culture, in which bits of animal tissue are enabled to go on living and to multiply independently of the body. This has greatly aided virus research and has led to the discovery of a large number of viruses. Their existence had previously been not only unknown but even unsuspected. The fact that we can catch a cold repeatedly creates another difficulty. Usually, a virus strikes only once and leaves the victim immune to further attacks. Still, we do not gain immunity from colds. It seems, therefore, that we are likely to have to suffer colds for some time yet.

**SubQuestion No : 22**

**Q.22 Medical science has not done anything yet to solve the problem of the common cold because:**

- Ans**
- ✔ 1. viruses are so much smaller than the bacteria that cause many other infections; they cannot be seen with ordinary microscopes
  - ✘ 2. other viruses get into the bloodstream where anti-bodies oppose them
  - ✘ 3. bacteria causes many common infections such as pneumonia, wound infections and bloodstream infections
  - ✘ 4. we can control one of the commonest of all diseases

**Comprehension:**

Read the given passage and answer the questions that follow.

Our failure to control one of the most common of all ailments sometimes seems ridiculous. Medical science regularly practises transplant surgery and has rid whole countries of such killing diseases as Typhus and the Plague. But the problem of the common cold is unusually difficult and much has yet to be done to solve it. It is known that a cold is caused by one of a number of viral infections that affect the lining of the nose and other passages leading to the lungs, but the confusing variety of viruses makes studying and remedy very difficult. It was shown in 1960 that many typical colds in adults are caused by one or the other of a family of viruses known as rhinoviruses, yet there still remain many colds for which no virus has as yet been isolated.

There is also the difficulty that, because they are so much smaller than the bacteria which cause many other infections, viruses cannot be seen with ordinary microscopes. Nor can they be cultivated easily in the bacteriologist's laboratory, since they only grow within the living cells of animals or plants. An important recent step forward, however, is the development of the technique of tissue culture, in which bits of animal tissue are enabled to go on living and to multiply independently of the body. This has greatly aided virus research and has led to the discovery of a large number of viruses. Their existence had previously been not only unknown but even unsuspected. The fact that we can catch a cold repeatedly creates another difficulty. Usually, a virus strikes only once and leaves the victim immune to further attacks. Still, we do not gain immunity from colds. It seems, therefore, that we are likely to have to suffer colds for some time yet.

**SubQuestion No : 23**

**Q.23 Identify the most suitable inference from the given passage.**

- Ans**
- 1. The viruses causing cold attack only on the surface and become immune to it.
  - 2. Medical Science has not yet resolved the problem of the common cold. Therefore, we have to suffer colds for some more time.
  - 3. Colds are minor infections of the nose and throat caused by viruses. Rhinovirus is the most common cause of common cold.
  - 4. When your immune system is exposed to a new germ for the first time, it responds by trying to fight it off.

**Comprehension:**

Read the given passage and answer the questions that follow.

Our failure to control one of the most common of all ailments sometimes seems ridiculous. Medical science regularly practises transplant surgery and has rid whole countries of such killing diseases as Typhus and the Plague. But the problem of the common cold is unusually difficult and much has yet to be done to solve it. It is known that a cold is caused by one of a number of viral infections that affect the lining of the nose and other passages leading to the lungs, but the confusing variety of viruses makes studying and remedy very difficult. It was shown in 1960 that many typical colds in adults are caused by one or the other of a family of viruses known as rhinoviruses, yet there still remain many colds for which no virus has as yet been isolated.

There is also the difficulty that, because they are so much smaller than the bacteria which cause many other infections, viruses cannot be seen with ordinary microscopes. Nor can they be cultivated easily in the bacteriologist's laboratory, since they only grow within the living cells of animals or plants. An important recent step forward, however, is the development of the technique of tissue culture, in which bits of animal tissue are enabled to go on living and to multiply independently of the body. This has greatly aided virus research and has led to the discovery of a large number of viruses. Their existence had previously been not only unknown but even unsuspected. The fact that we can catch a cold repeatedly creates another difficulty. Usually, a virus strikes only once and leaves the victim immune to further attacks. Still, we do not gain immunity from colds. It seems, therefore, that we are likely to have to suffer colds for some time yet.

**SubQuestion No : 24**

**Q.24** Which of the following is the most appropriate summary of the given passage?

- Ans**
- ✓ 1. In spite of having the cure to kill diseases like Typhus and Plague, it seems ridiculous that medical science has not done much yet to solve the problem of the common cold.
  - ✗ 2. Usually, a bacteria strikes only once and we do not gain immunity from colds
  - ✗ 3. The problem of common cold is unusually difficult, hence, we are likely to get relief from cold.
  - ✗ 4. Virus research has led to the discovery of a large number of viruses and leaves the victim immune to further attacks.

**Comprehension:**

Read the given passage and answer the questions that follow.

Our failure to control one of the most common of all ailments sometimes seems ridiculous. Medical science regularly practises transplant surgery and has rid whole countries of such killing diseases as Typhus and the Plague. But the problem of the common cold is unusually difficult and much has yet to be done to solve it. It is known that a cold is caused by one of a number of viral infections that affect the lining of the nose and other passages leading to the lungs, but the confusing variety of viruses makes studying and remedy very difficult. It was shown in 1960 that many typical colds in adults are caused by one or the other of a family of viruses known as rhinoviruses, yet there still remain many colds for which no virus has as yet been isolated.

There is also the difficulty that, because they are so much smaller than the bacteria which cause many other infections, viruses cannot be seen with ordinary microscopes. Nor can they be cultivated easily in the bacteriologist's laboratory, since they only grow within the living cells of animals or plants. An important recent step forward, however, is the development of the technique of tissue culture, in which bits of animal tissue are enabled to go on living and to multiply independently of the body. This has greatly aided virus research and has led to the discovery of a large number of viruses. Their existence had previously been not only unknown but even unsuspected. The fact that we can catch a cold repeatedly creates another difficulty. Usually, a virus strikes only once and leaves the victim immune to further attacks. Still, we do not gain immunity from colds. It seems, therefore, that we are likely to have to suffer colds for some time yet.

**SubQuestion No : 25**

**Q.25 The most appropriate synonym of the word 'isolated' is:**

- Ans**
- 1. accessible
  - 2. deserted
  - 3. bare
  - 4. futile

## Selection Post Examination Phase XII 2024

Exam Date	25/06/2024
Exam Time	11:45 AM - 12:45 PM
Subject	Selection Post Higher Secondary level

### Section : General Intelligence

**Q1** 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.

**NEAREST : PICVGWV :: OFFICER : QJHMEIT :: SERVICE : ?**

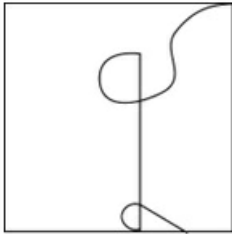
Ans  1. UITZKGG

2. UITXMEI

3. UITXKGG

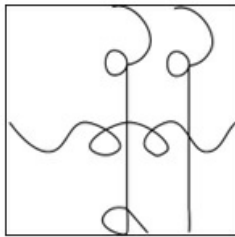
4. UITZMGG

**Q2** Select the option figure in which the given figure is embedded as its part (Rotation is NOT allowed).

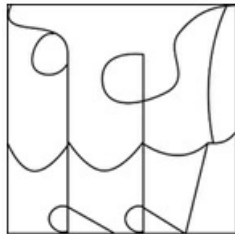


Ans

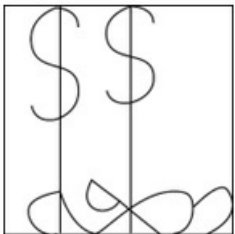
1.



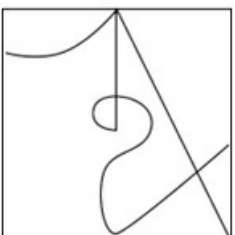
2.



3.



4.



Q.3 Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English dictionary.

- 1- Deflection
- 2- Degrade
- 3- Degeneration
- 4- Degree
- 5- Deformation

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

Q.4 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

F \_ L T \_ R \_ I L \_ E R F I \_ \_ E \_ \_ I L T \_ R

- Ans
- 1. TEILTRFEI
  - 2. LTEIRTFEI
  - 3. LTRFEITLE
  - 4. IEFTLTRFE

Q.5 Select the number from among the given options that can replace the question mark (?) in the following series.

1, 3, 7, 15, 31, 63, ?

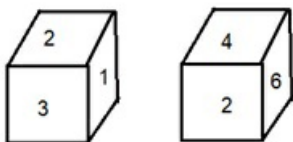
- Ans
- 1. 125
  - 2. 130
  - 3. 120
  - 4. 127

Q.6 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Globetrotter
2. Globalize
3. Globule
4. Global
5. Globe

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

Q.7 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Two positions of this dice are shown in the following figure. Find the number on the face opposite to 4.

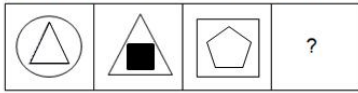


- Ans
- 1. 5
  - 2. 1
  - 3. 3
  - 4. 2

Q.8 In a certain code language, 'ROVE' is written as 'JMFV' and 'ROSE' is written as 'JMIW'. How will 'RUIN' be written in that language?

- Ans
- ✓ 1. JGSN
  - ✗ 2. JNGS
  - ✗ 3. JSNG
  - ✗ 4. JGNS

Q.9 Select the figure from among the given options that can replace the question mark (?) in the following series.



- Ans
- 1. ✗
  - 2. ✗
  - 3. ✗
  - 4. ✓

Q.10 In a certain code language,

'A + B' means 'A is the wife of B';  
 'A - B' means 'A is the sister of B';  
 'A × B' means 'A is the father of B' and  
 'A ÷ B' means 'A is the brother of B'.

Based on the above, how is E related to I if 'E ÷ F + G × H - I'?

- Ans
- ✗ 1. Brother
  - ✗ 2. Father's brother
  - ✓ 3. Mother's brother
  - ✗ 4. Mother's father

Q.11 What will come in place of the question mark (?) in the following equation if '+' means '×', '-' means '÷', '×' means '+' and '÷' means '-'?

$$(18 + 10 \times 20) - 8 \div 6 = ?$$

- Ans
- ✗ 1. 22
  - ✓ 2. 19
  - ✗ 3. 18
  - ✗ 4. 20

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)

Pilot : Airplane :: Captain : ?

- Ans
- ✗ 1. Swim
  - ✗ 2. Sea
  - ✗ 3. Sail
  - ✓ 4. Ship



Q.13 In a certain code language, 'GROSS' is written as '4' and 'MOIST' is written as '8'. How will 'ZEBRA' be written in the same code language?

- Ans
- 1. 9
  - 2. 6
  - 3. 2
  - 4. 5

Q.14 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

\_ V \_ D \_ B \_ \_ B D \_ \_

- Ans
- 1. BDDVDVB
  - 2. BDVVBDV
  - 3. DDBVDVB
  - 4. DBVDVVB

Q.15 In a certain code language,  
 'A + B' means 'A is the husband of B'  
 'A - B' means 'A is the brother of B'  
 'A × B' means 'A is the father of B'  
 'A ÷ B' means 'A is the son of B'  
 Based on the above, how is E related to C if 'E ÷ F × D - C'?

- Ans
- 1. Brother
  - 2. Son-in-law
  - 3. Son
  - 4. Father

Q.16 In this question, 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 follows/follow from the statements.

Statements:

All apples are fruits.

Some apples are raw.

No fruit is a vegetable.

Conclusions:

I. Some vegetables are raw.

II. No apple is a vegetable.

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

Q.17 In this question, 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 follows/follow from the statements.

Statements:

I. No map is a plan.

II. All globes are plans.

III. All atlases are plans.

Conclusions:

I. No atlas is a map.

II. Some globes are atlases.

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

Q.18 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 buildings are houses.

Some houses are palaces.

No palace is a mansion.

Conclusions:

I. Some buildings are palaces.

II. Some mansions being not houses is a possibility.

III. No building is a palace.

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

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.

PLEASED: ELPADES :: HOWEVER : WOHEREV :: IMAGINE : ?

- Ans
- 1. MAIGEIN
  - 2. AIMGEIN
  - 3. MAIGNEI
  - 4. AMIGENI

Q.20 In a certain code language, 'GHOST' is coded as 74 and 'TRIBAL' is coded as 68. How will 'HORN' be coded in the same language?

- Ans
- 1. 60
  - 2. 59
  - 3. 55
  - 4. 61

Q.21 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Nail
2. Elbow
3. Finger
4. Shoulder
5. Wrist

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

Q.22 In a certain code language, 'PARADOX' is written as 'IXGXUJA' and 'WIPES' is written as 'BPITF'. How will 'PARALLEL' be written in that language?

- Ans
- 1. MTMXMXGI
  - 2. MTMMXGX I
  - 3. IXGXMMTM
  - 4. IXGXMTMM

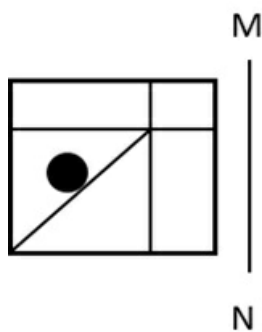
Q.23 In a certain code language,  
 'A + B' means 'A is the father of B',  
 'A - B' means 'A is the brother of B',  
 'A × B' means 'A is the mother of B',  
 'A ÷ B' means 'A is the sister of B'.  
 Based on the above, how is K related to R if 'L + K ÷ D × P - R'?

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

Q.24 The numbers in each set are related to each other in a certain way.  
 (3, 6, 81), (2, 2, 16), (4, 5, ?)  
 Based on the relationship among the numbers in the first two sets,  
 select the number that can replace the question mark (?) in the third set.

- Ans
- 1. 18
  - 2. 78
  - 3. 81
  - 4. 72

Q.25 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown below.



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

Q.1 Which of the following Articles of the Indian Constitution are related to the Comptroller and Auditor General of India?

- Ans
- 1. Article 148-152
  - 2. Article 147-150
  - 3. Article 148-151
  - 4. Article 148-154

Q.2 The famous musician Aban Mistry is associated with which instrument?

- Ans
- 1. Flute
  - 2. Tabla
  - 3. Shehnai
  - 4. Drums

Q.3 Who among the following sportspersons is credited with the autobiography 'Undisputed Truth'?

- Ans
- 1. Muhammad Ali
  - 2. Matthew Hayden
  - 3. Kevin Pietersen
  - 4. Mike Tyson

Q.4 The highly viscous, mechanically-weak and ductile region of Earth's upper mantle is called:

- Ans
- 1. exosphere
  - 2. asthenosphere
  - 3. lithosphere
  - 4. mesosphere

Q.5 The 11th Fundamental Duty was added by which Amendment?

- Ans
- 1. 86th Amendment 2002
  - 2. 42nd Amendment 1976
  - 3. 44th Amendment 1978
  - 4. 84th Amendment 2000

Q.6 On 12th of March 1930, Gandhiji with his 72 followers began a march from \_\_\_\_\_ up to Dandi coast.

- Ans
- 1. Kutch
  - 2. Sabarmati Ashram
  - 3. Surat
  - 4. Tolstoy Farm

Q.7 'My Country, My Life' is an autobiographical text of which of the following Indian politicians?

- Ans
- 1. Atal Bihari Vajpayee
  - 2. Lal Krishna Advani
  - 3. Sharad Pawar
  - 4. Narendra Modi

Q.8 Which trek in Bhutan is considered to be the crown jewel of Bhutanese trekking?

- Ans
- 1. Laya Gasa Trek
  - 2. Dagala Thousand Lakes Trek
  - 3. Jumolhari Trek
  - 4. Snowman Trek

Q.9 Which of the following is NOT correct about the Prime Minister of India?

- Ans
- 1. He is the principal communicator between the President and the Council of Ministers.
  - 2. He and his ministers are collectively responsible to the Upper House of the Parliament.
  - 3. He is the Head of the Government.
  - 4. He recommends the name of persons who can be appointed as ministers by the President.

Q.10 The Government of India initiative 'Azadi ka Amrit Mahotsav' to commemorate 75th Independence Day, commenced in which year?

- Ans
- 1. 2020
  - 2. 2022
  - 3. 2021
  - 4. 2019

Q.11 Which of the following forts was built by Raja Rai Singh in 1588?

- Ans
- 1. Junagarh Fort
  - 2. Kumbhal Garh
  - 3. Sonar Kila
  - 4. Amer Fort

Q.12 Gupta emperor Chandragupta I was the first ruler to adopt which of the following titles?

- Ans
- 1. Vikramaditya
  - 2. Maharajadhiraja
  - 3. Mahendraditya
  - 4. Parmeshvara

Q.13 Which of the following types of unemployment arises from a mismatch between the jobs available in the market and the skills of the available workers in the market?

- Ans
- 1. Frictional
  - 2. Disguised
  - 3. Seasonal
  - 4. Structural

Q.14 In May 2023, Ravneet Kaur was in the news due to her appointment as the \_\_\_\_\_.

- Ans
- 1. Chairperson of Competition Commission of India
  - 2. Election Commissioner of India
  - 3. Chief Vigilance Commissioner
  - 4. Chief Election Commissioner of India

Q.15 Who among the following is NOT associated with the Rahnumai Mazdayasnan Sabha?

- Ans
- 1. Naoroji Furdunji
  - 2. SS Bengalee
  - 3. Dadabhai Naoroji
  - 4. Syed Ahmed Khan

Q.16 The dry cell is made up of an outer \_\_\_\_\_ container that acts as the anode.

- Ans
- 1. nickel
  - 2. zinc
  - 3. manganese
  - 4. lead

Q.17 In the reference of the Delhi Sultanate, what was the 'Group of Forty'?

- Ans
- 1. They were mostly powerful Turkish slaves of Iltutmish, who took power in the interregnum following Sultana Raziyya's killing.
  - 2. They were forty Rajput nobles who planned a coup to dethrone Qutb ud Din Aibak in 1210.
  - 3. They were forty banjara leaders who transferred military supplies in times of war.
  - 4. They were forty military archers who distinguished themselves by their bravery in the Delhi Sultanate.

Q.18 The Governor's emoluments are decided by the:

- Ans
- 1. Prime Minister
  - 2. Parliament
  - 3. State Legislature
  - 4. President

Q.19 In August 2021, the third phase of Mission Shakti 3.0 was launched by the Indian state of \_\_\_\_\_ to empower women and make them self-reliant.

- Ans
- 1. Himachal Pradesh
  - 2. Arunachal Pradesh
  - 3. Madhya Pradesh
  - 4. Uttar Pradesh

Q.20 Under the 'Mukhyamantri Awasiya Bhu Adhikar Yojana' launched by the Chief Minister of Madhya Pradesh, plots worth about \_\_\_\_\_ crore were distributed to 10,918 families of Tikamgarh district.

- Ans
- 1. ₹139
  - 2. ₹140
  - 3. ₹129
  - 4. ₹130

Q.21 Republic Day in India is celebrated to commemorate:

- Ans
- 1. the day when the first meeting of the Constituent Assembly was held.
  - 2. the day when the Constituent Assembly was formed.
  - 3. India's independence.
  - 4. the date on which the Constitution of India came into effect.

Q.22 Which of the following is an example of a vertebrate?

- Ans
- 1. Mammals
  - 2. Crustaceans
  - 3. Insects
  - 4. Molluscs

Q.23 In 1955, who published a comprehensive study of small particle constituents of the cytoplasm' (ribosomes) and correctly estimated their physiological importance?

- Ans
- 1. Albert Von Kolliker
  - 2. Pierre Joseph Pelletier
  - 3. George E Palade
  - 4. James Thomson

Q.24 Pakyong airport is located in \_\_\_\_\_.

- Ans
- 1. Assam
  - 2. Nagaland
  - 3. Arunachal Pradesh
  - 4. Sikkim

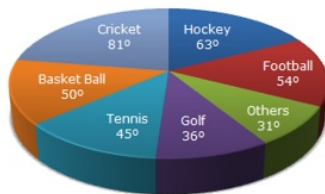
Q.25 The Keoladeo National Park is located in the state of \_\_\_\_\_.

- Ans
- 1. Rajasthan
  - 2. Madhya Pradesh
  - 3. Odisha
  - 4. Gujarat

#### Section : Quantitative Aptitude

Q.1 Study the given pie-chart and answer the question that follows.

The pie-chart shows the spendings of a sports academy on various sports during a particular year.



How much percentage more is spent on Hockey than that on Golf ?

- Ans
- 1. 65%
  - 2. 75%
  - 3. 70%
  - 4. 25%

Q.2 Evaluate the following.

$$\frac{5\cos^2 120^\circ + 4\sec^2 30^\circ - \tan^2 135^\circ}{\sin^2 30^\circ + \cos^2 30^\circ}$$

- Ans
- 1.  $\frac{67}{12}$
  - 2.  $\frac{37}{12}$
  - 3.  $\frac{57}{5}$
  - 4.  $\frac{27}{5}$

Q.3 If the area of a regular pentagon is  $3920\sqrt{3}$  cm<sup>2</sup>, then how long is its each side?

- Ans
- 1. 46 cm
  - 2. 56 cm
  - 3. 58 cm
  - 4. 38 cm

Q4 If  $a - b = 5$  and  $ab = 25$ , then the value of  $a^3 - b^3$  is:

- Ans
- 1. 525
  - 2. 500
  - 3. 450
  - 4. 400

Q5 The base of a parallelogram is thrice its height. If the area of the parallelogram is  $1020 \text{ cm}^2$ , then what is its height?

- Ans
- 1.  $2\sqrt{84} \text{ cm}$
  - 2.  $\sqrt{89} \text{ cm}$
  - 3.  $2\sqrt{85} \text{ cm}$
  - 4.  $\sqrt{82} \text{ cm}$

Q6 The area of an equilateral triangle is  $289\sqrt{3} \text{ cm}^2$ . Find the length (in cm) of its sides.

- Ans
- 1. 36
  - 2. 34
  - 3. 27
  - 4. 17

Q7 John buys 20 kg of wheat at ₹30 per kg and 30 kg of wheat at ₹50 per kg. Find his average price.

- Ans
- 1. ₹21 per kg
  - 2. ₹42 per kg
  - 3. ₹20 per kg
  - 4. ₹40 per kg

Q8 X and Y can do a piece of work in 18 days and 27 days, respectively. Starting with X, they work on alternate days. The whole number of days to complete the work by X and Y is:

- Ans
- 1. 21
  - 2. 20
  - 3. 24
  - 4. 22

Q9 Simplify the given expression.  $\frac{[1.5 \times 1.5 \times 1.5 + 2.7 \times 2.7 \times 2.7 + 4.8 \times 4.8 \times 4.8 - 3 \times 1.5 \times 2.7 \times 4.8]}{[1.5 \times 1.5 + 2.7 \times 2.7 + 4.8 \times 4.8 - 1.5 \times 2.7 - 2.7 \times 4.8 - 4.8 \times 1.5]}$

- Ans
- 1. 14
  - 2. 12
  - 3. 9
  - 4. 10



Q.10 The following table shows the number of voters at 5 different centres P, Q, R, S and T and the percentage of people who voted in an election.

Centre	Total Number of Registered Voters	Percentage of People Who Voted (Out of the total number of registered voters)
P	3500	85%
Q	2900	76%
R	2400	82%
S	1850	90%
T	3000	87%

If the number of invalid votes cast at Centre S was 20% of the total number of votes cast, then what percentage of the total number of registered voters cast invalid votes at Centre S?

- Ans
- 1. 25%
  - 2. 22%
  - 3. 18%
  - 4. 20%

Q.11 A certain sum of money amounts to ₹1,250 in 4 years and to ₹1,520 in  $5\frac{1}{2}$  years at a certain rate of simple interest. Find the rate of interest per annum (correct to two places of decimals).

- Ans
- 1. 23.96%
  - 2. 43.96%
  - 3. 33.96%
  - 4. 53.96%

Q.12 A police station, a bank and a safe house for the thief are in a straight line with a bank in between. The distance between the police station and the safe house is four times the distance between the bank and the safe house. After looting the bank at 9:15 A.M, the thief runs away. A policeman gets the information instantly and chases him at the speed of 16 km/h. The policeman catches the thief at the gate of the safe house in fifteen minutes. What is the distance between the bank and the police station?

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

Q.13 A work can be finished by 8 men in 10 days working 6 hours a day or same can be finished by 20 qualified workers in 6 days working 8 hours a day. 2 men and 4 qualified workers work simultaneously 10 hours a day, the work will be finished in \_\_\_\_\_ days.

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

Q.14 Which number should be added to 3, 11, 4 and 14 to make them in proportion?

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

Q.15 In a circular race of 840 m, A and B start running in the same direction at the same time from the same point at the speeds of 6 m/s and 12 m/s, respectively. After how much time will they meet next?

- Ans
- 1. 40 s
  - 2. 20 s
  - 3. 70 s
  - 4. 140 s

Q.16 The salary of an employee is increased by 10% and then the increased salary is reduced by 10%. The percentage loss in the salary of the employee is:

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

Q.17 A shopkeeper bought 30 books and sold 25 books for same price. What percentage had he gained or lost?

- Ans
- 1. 25% loss
  - 2. 25% gain
  - 3. 20% gain
  - 4. 20% loss

Q.18 The number 2918245 is divisible by which of the following numbers?

- Ans
- 1. 3
  - 2. 11
  - 3. 12
  - 4. 9

Q.19 A shopkeeper claims to sell 450 kg rice at a cost price of ₹40 per kg but uses a weight of 900 grams instead of a one kilogram weight. He makes a profit of ₹2,520 by selling the remaining rice in the black market. The ratio of the black-market price to the original price per kg of rice is:

- Ans
- 1. 7 : 5
  - 2. 9 : 4
  - 3. 10 : 7
  - 4. 4 : 3

Q.20  $6^{25} + 6^{26} + 6^{27} + 6^{28}$  is divisible by:

- Ans
- 1. 256
  - 2. 254
  - 3. 255
  - 4. 259

Q.21 36 persons can do a work in 10 days, working 6 hours a day. In how many days will 24 persons, working 9 hours a day complete the work?

- Ans
- 1. 4
  - 2. 8
  - 3. 10
  - 4. 6

Q.22 If an electricity bill is paid before the due date, one gets a reduction of 10% on the amount of the bill. By paying the bill before the due date, a person got a reduction of ₹23. The amount of his electricity bill (in ₹) was:

- Ans
- 1. 230
  - 2. 520
  - 3. 250
  - 4. 380

Q.23 Class X has 45 students scoring average marks of 30 and class Y has 35 students scoring average marks of 18. Find the average marks of the students of both classes together.

- Ans
- 1. 25
  - 2. 24.75
  - 3. 30
  - 4. 28.50

Q.24 Pass percentage of an examination is 35%. If a student who got 210 marks, failed by 14 marks, then what are the maximum marks of the examination?

- Ans
- 1. 660
  - 2. 640
  - 3. 600
  - 4. 620

Q.25 The table below shows the production of different types of caps (in thousands) in different years.

Type of Cap/Year	2008	2009	2010	2011	2012
M	576	896	287	896	884
N	560	753	473	560	637
Q	586	637	576	753	678
R	778	780	560	780	678

In which year was the production (in thousands) of Cap Q equal to that of Cap R?

- Ans
- 1. 2012
  - 2. 2009
  - 3. 2010
  - 4. 2011

Section : English Language

Q.1 Select the INCORRECTLY spelt word.

- Ans
- 1. Elocation
  - 2. Cryptic
  - 3. Ethereality
  - 4. Preclude

Q.2 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- A: leaped into the water
- B: ship touched the shore
- C: as soon as the
- D: a soldier of the tenth legion

- Ans
- 1. BDAC
  - 2. DACB
  - 3. CBDA
  - 4. ACBD

Q3 The following sentence has been split into four segments. Identify the segment that contains a grammatical error.  
My friends / and their family members / have gone to the beach / two days ago.

- Ans
- 1. two days ago
  - 2. and their family members
  - 3. have gone to the beach
  - 4. My friends

Q4 Select the option that expresses the given sentence in passive voice.  
The flight is carrying relief material.

- Ans
- 1. Relief material is carried by the flight.
  - 2. Relief material is being carrying by the flight.
  - 3. Relief material is carrying by the flight.
  - 4. Relief material is being carried by the flight.

Q5 Select the option that can be used as a one-word substitute for the given group of words.

The killing of one's sister

- Ans
- 1. Uxoricide
  - 2. Sororicide
  - 3. Regicide
  - 4. Parricide

Q6 Select the most appropriate idiom that can substitute the underlined words in the given sentence.  
I know you have been really busy with your work, but can you just give me a few minutes?

- Ans
- 1. through thick and thin
  - 2. jumped on the bandwagon
  - 3. snowed under
  - 4. on cloud nine

Q7 Parts of a sentence are given below in jumbled order. Arrange the parts in the correct order to form a meaningful sentence.

- (A) the concert was too expensive
- (B) to watch his favourite
- (C) hard-earned money on
- (D) to waste his parents'
- (E) artist's live performance
- (F) so he sacrificed the chance

- Ans
- 1. FACEDB
  - 2. FADECB
  - 3. BADECF
  - 4. ADCFBE

Q8 Parts of the following sentence have been given as options. Select the option that contains an error.  
Children should watch TV from distance as it will affect their eyesight.

- Ans
- 1. their eyesight
  - 2. TV from distance
  - 3. Children should watch
  - 4. as it will affect

Q.9 Select the most appropriate ANTONYM of the given word.  
Desperate

- Ans
- 1. Sloping
  - 2. Erratic
  - 3. Hopeful
  - 4. Bleak

Q.10 Select the option that can be used as a one-word substitute for the given group of words.

An act of copying the behavior or speech of other people.

- Ans
- 1. Parody
  - 2. Oratory
  - 3. Pedantry
  - 4. Mimicry

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

The wild elephant will be captured and left in the forest.

- Ans
- 1. They will capture the wild elephant and leave it in the forest.
  - 2. The wild elephant would be captured by us and left in the forest.
  - 3. We would have captured and left the wild elephant in the forest.
  - 4. We had captured and left the wild elephant in the forest.

Q.12 Select the option that expresses the given sentence in passive voice.

Rakesh appointed three managers.

- Ans
- 1. Three managers appointed Rakesh.
  - 2. Three managers were appointed by Rakesh.
  - 3. Three managers were being appointed by Rakesh.
  - 4. Three managers will be appointed by Rakesh.

Q.13 Select the sentence that contains a spelling error.

- Ans
- 1. His presence in the party was unexpected.
  - 2. I can't believe you.
  - 3. The result will be declared tomorrow.
  - 4. I shall always remain grateful to you.

Q.14 Select the idiom that gives the most appropriate meaning of the underlined phrase in the following sentence.

Our Principal looked disappointed when no one expressed the willingness to join the trip.

- Ans
- 1. High and dry
  - 2. Gave a single shot
  - 3. Made a comeback
  - 4. Pulled a long face

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

She said, "I am going to Delhi to attend my friend's marriage."

- Ans
- 1. She said that I was going to Delhi to attend my friend's marriage.
  - 2. She said that she was going to Delhi to attend our friend's marriage.
  - 3. She said that she was going to Delhi to attend her friend's marriage.
  - 4. She said that she was going to Delhi to attend my friend's marriage.

**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.

L. M. Thapar made important contributions to ASSOCHAM which (1)\_\_\_\_\_ the interests of trade and commerce in India. He was (2)\_\_\_\_\_ a good life and was known for being charming and polished. He was an avid art collector, with an (3)\_\_\_\_\_ personal gallery of some of the finest works of art. This suave gentleman with an impeccable English accent and very British persona enjoyed Indian classical vocal music and loved getting a crowd together for a performance. His (4)\_\_\_\_\_ personality, his generosity and his encouragement of young talent is remembered (5)\_\_\_\_\_ by his friends, family and admirers.

**SubQuestion No : 16**

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

- Ans
- 1. designed
  - 2. developed
  - 3. demoted
  - 4. promoted

**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.

L. M. Thapar made important contributions to ASSOCHAM which (1)\_\_\_\_\_ the interests of trade and commerce in India. He was (2)\_\_\_\_\_ a good life and was known for being charming and polished. He was an avid art collector, with an (3)\_\_\_\_\_ personal gallery of some of the finest works of art. This suave gentleman with an impeccable English accent and very British persona enjoyed Indian classical vocal music and loved getting a crowd together for a performance. His (4)\_\_\_\_\_ personality, his generosity and his encouragement of young talent is remembered (5)\_\_\_\_\_ by his friends, family and admirers.

**SubQuestion No : 17**

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

- Ans
- 1. world of
  - 2. want of
  - 3. fond of
  - 4. caring for

**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.

L. M. Thapar made important contributions to ASSOCHAM which (1)\_\_\_\_\_ the interests of trade and commerce in India. He was (2)\_\_\_\_\_ a good life and was known for being charming and polished. He was an avid art collector, with an (3)\_\_\_\_\_ personal gallery of some of the finest works of art. This suave gentleman with an impeccable English accent and very British persona enjoyed Indian classical vocal music and loved getting a crowd together for a performance. His (4)\_\_\_\_\_ personality, his generosity and his encouragement of young talent is remembered (5)\_\_\_\_\_ by his friends, family and admirers.

**SubQuestion No : 18**

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

- Ans
- 1. routine
  - 2. regular
  - 3. ordinary
  - 4. impressive

**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.

L. M. Thapar made important contributions to ASSOCHAM which (1)\_\_\_\_\_ the interests of trade and commerce in India. He was (2)\_\_\_\_\_ a good life and was known for being charming and polished. He was an avid art collector, with an (3)\_\_\_\_\_ personal gallery of some of the finest works of art. This suave gentleman with an impeccable English accent and very British persona enjoyed Indian classical vocal music and loved getting a crowd together for a performance. His (4)\_\_\_\_\_ personality, his generosity and his encouragement of young talent is remembered (5)\_\_\_\_\_ by his friends, family and admirers.

**SubQuestion No : 19**

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

- Ans
- 1. hesitant
  - 2. dull
  - 3. vivacious
  - 4. workaholic

**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.

L. M. Thapar made important contributions to ASSOCHAM which (1)\_\_\_\_\_ the interests of trade and commerce in India. He was (2)\_\_\_\_\_ a good life and was known for being charming and polished. He was an avid art collector, with an (3)\_\_\_\_\_ personal gallery of some of the finest works of art. This suave gentleman with an impeccable English accent and very British persona enjoyed Indian classical vocal music and loved getting a crowd together for a performance. His (4)\_\_\_\_\_ personality, his generosity and his encouragement of young talent is remembered (5)\_\_\_\_\_ by his friends, family and admirers.

**SubQuestion No : 20**

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

- Ans
- 1. never
  - 2. eventually
  - 3. sometimes
  - 4. fondly

**Comprehension:**

Read the given passage and answer the questions that follow.

A significant reduction in farm fires this winter in both Punjab and Haryana is heartening news for policymakers and agriculture scientists at the forefront of combating the scourge. North India's citizens had slightly better winter air as well. Farm fires are down by 30% and 48% over last year in Punjab and Haryana respectively. The key then is to sustain these gains next year and the year after – to ensure that the practice of paddy stubble burning, which is nothing less than social malpractice, is eradicated.

What is obvious this time is a concerted attempt by Punjab and Haryana officials to deter farmers from setting yield on fire. The anti-farm-reforms agitation and the Punjab elections had turned the fightback against stubble burning into a nonstarter, the last two years. Both in-situ straw management through super-seeders, which plough the straw back into the soil, and ex-situ baling of the straw for sale to biogas plants, industries with captive power plants, fodder suppliers, were heavily promoted this year. Super-seeder machines gaining popularity over the previous generation happy-seeders is a promising development. Innovations that make these machines better and faster and more fuel-efficient can win over the holdout farmers too. ICAR's bio-decomposer appeared to not find much favour, given the short window between Kharif harvest and Rabi sowing this year, but it's just as promising.

There is a political dimension as well. AAP government in Punjab and BJP helming Centre and Haryana have their own policies. Centre's commission for Air Quality Management, in which the affected NCR states are stakeholders, has also released ample funds. For even bigger environmental challenges, for example, weaning off coal, there is a lesson - a mix of technology, government-backed incentives and funds, garnished by a sense of political responsibility, can make a difference to even seemingly intractable problems.

**SubQuestion No : 21**

**Q.21 Which of the following options best summarises the given passage?**

- Ans**
- 1. There are no political dimensions in dealing with intractable problems.
  - 2. Farm fires have been halted successfully due to the coordination between AAP and BJP.
  - 3. Farmers' difficulties have been reduced to zero per cent by agriculture scientists.
  - 4. A mix of technology, government funds and a sense of political responsibility helps solve difficult problems.



**Comprehension:**

Read the given passage and answer the questions that follow.

A significant reduction in farm fires this winter in both Punjab and Haryana is heartening news for policymakers and agriculture scientists at the forefront of combating the scourge. North India's citizens had slightly better winter air as well. Farm fires are down by 30% and 48% over last year in Punjab and Haryana respectively. The key then is to sustain these gains next year and the year after – to ensure that the practice of paddy stubble burning, which is nothing less than social malpractice, is eradicated.

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**SubQuestion No : 22**

**Q.22 What is the good news mentioned here?**

- Ans**
- 1. New policies for farmers
  - 2. Sufficient electricity
  - 3. High yielding of crops
  - 4. Reduction in farm fires

**Comprehension:**

Read the given passage and answer the questions that follow.

A significant reduction in farm fires this winter in both Punjab and Haryana is heartening news for policymakers and agriculture scientists at the forefront of combating the scourge. North India's citizens had slightly better winter air as well. Farm fires are down by 30% and 48% over last year in Punjab and Haryana respectively. The key then is to sustain these gains next year and the year after – to ensure that the practice of paddy stubble burning, which is nothing less than social malpractice, is eradicated.

What is obvious this time is a concerted attempt by Punjab and Haryana officials to deter farmers from setting yield on fire. The anti-farm-reforms agitation and the Punjab elections had turned the fightback against stubble burning into a nonstarter, the last two years. Both in-situ straw management through super-seeders, which plough the straw back into the soil, and ex-situ baling of the straw for sale to biogas plants, industries with captive power plants, fodder suppliers, were heavily promoted this year. Super-seeder machines gaining popularity over the previous generation happy-seeders is a promising development. Innovations that make these machines better and faster and more fuel-efficient can win over the holdout farmers too. ICAR's bio-decomposer appeared to not find much favour, given the short window between Kharif harvest and Rabi sowing this year, but it's just as promising.

There is a political dimension as well. AAP government in Punjab and BJP helming Centre and Haryana have their own policies. Centre's commission for Air Quality Management, in which the affected NCR states are stakeholders, has also released ample funds. For even bigger environmental challenges, for example, weaning off coal, there is a lesson - a mix of technology, government-backed incentives and funds, garnished by a sense of political responsibility, can make a difference to even seemingly intractable problems.

**SubQuestion No : 23**

Q.23 Select the most appropriate ANTONYM of the word 'deter'.

- Ans
- ✓ 1. Encourage
  - ✗ 2. Bolt
  - ✗ 3. Prove
  - ✗ 4. Disappoint

**Comprehension:**

Read the given passage and answer the questions that follow.

A significant reduction in farm fires this winter in both Punjab and Haryana is heartening news for policymakers and agriculture scientists at the forefront of combating the scourge. North India's citizens had slightly better winter air as well. Farm fires are down by 30% and 48% over last year in Punjab and Haryana respectively. The key then is to sustain these gains next year and the year after – to ensure that the practice of paddy stubble burning, which is nothing less than social malpractice, is eradicated.

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**SubQuestion No : 24**

**Q.24 Select the most appropriate title for the given passage.**

- Ans**
- 1. Water and Politics
  - 2. Fire and Farmers
  - 3. Fire and Water
  - 4. A Few Good Policies and Less Farm Fires

**Comprehension:**

Read the given passage and answer the questions that follow.

A significant reduction in farm fires this winter in both Punjab and Haryana is heartening news for policymakers and agriculture scientists at the forefront of combating the scourge. North India's citizens had slightly better winter air as well. Farm fires are down by 30% and 48% over last year in Punjab and Haryana respectively. The key then is to sustain these gains next year and the year after – to ensure that the practice of paddy stubble burning, which is nothing less than social malpractice, is eradicated.

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**SubQuestion No : 25**

**Q.25 How much of the percentage of farm fires is down over last year in Haryana?**

- Ans**
- 1. 48%
  - 2. 30%
  - 3. 15%
  - 4. 25%

## Selection Post Examination Phase XII 2024

Exam Date	26/06/2024
Exam Time	11:45 AM - 12:45 PM
Subject	Selection Post Higher Secondary level

### Section : General Intelligence

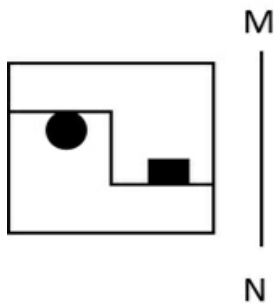
**Q.1** In a certain code language, 'DEVINE' is written as '53' and 'HANG' is written as '26'. How will 'BLEND' be written in that language?

- Ans
- 1. 32
  - 2. 37
  - 3. 26
  - 4. 45

**Q.2** In a certain code language, 'HABITAT' is coded as 0101010 and 'UNDERNEATH' is coded as 1001001100. How will 'POSSIBLE' be coded in the same language?

- Ans
- 1. 01001001
  - 2. 10110110
  - 3. 01010011
  - 4. 10110001

**Q.3** Select the correct mirror image of the given figure when the mirror is placed at line MN as shown below.



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

Q4 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$98 \times 14 + 24 - 12 \div 8 = ?$$

- Ans
- 1. 63
  - 2. 93
  - 3. 81
  - 4. 79

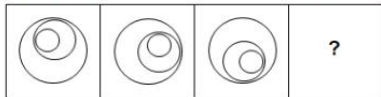
Q5 Select the number from among the given options that can replace the question mark (?) in the following series.  
1, 3, 9, 27, ?

- Ans
- 1. 243
  - 2. 63
  - 3. 54
  - 4. 81

Q6 Which letter cluster can replace the question mark (?) to complete the given series?  
HDZH, IFWL, ?, KJQT, LLNX

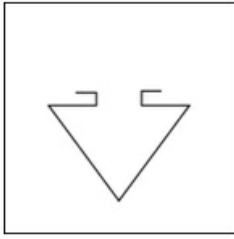
- Ans
- 1. JHTP
  - 2. JITS
  - 3. JJSP
  - 4. JHUT

Q7 Select the figure from among the given options that can replace the question mark (?) in the following series.



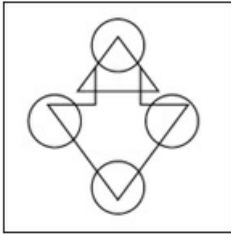
- Ans
- 1.
  - 2.
  - 3.
  - 4.

Q8 Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).

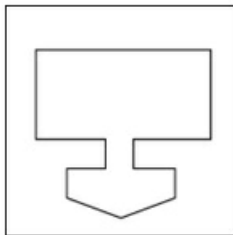


Ans

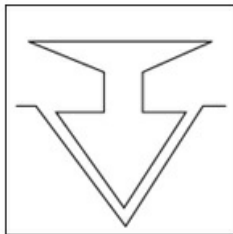
1.



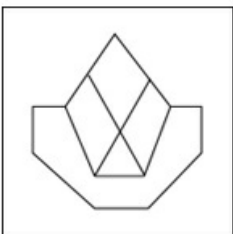
2.



3.



4.



Q.9 Which of the following terms will replace the question mark (?) in the given series?

RDJW, SBMS, TZPO, UXSK, ?

- Ans
- 1. VXYF
  - 2. VVVG
  - 3. VWUG
  - 4. VUWH

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

T \_ K \_ NTA \_ EN \_ A \_ E \_ T \_ KE \_

- Ans
- 1. KETANAKT
  - 2. ATKETAKN
  - 3. EATKNANT
  - 4. AEKTKNAN

Q.11 'A & B' means 'A is the wife of B',  
 'A × B' means 'A is the sister of B',  
 'A \$ B' means 'A is the brother of B',  
 'A – B' means 'A is the son of B',  
 'A + B' means 'A is the mother of B',  
 'A ÷ B' means 'A is the husband of B'.  
 If 'B – A ÷ R + S & M', then how is B related to S?

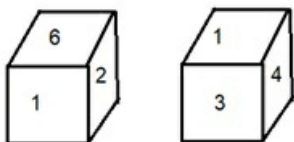
- Ans
- 1. Son
  - 2. Brother
  - 3. Brother's son
  - 4. Father's brother

Q.12 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Micro
2. Hecto
3. Nano
4. Kilo
5. Mili

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

Q.13 Six numbers 1, 2, 3, 4, 5 and 6 are written on different faces of a dice. Two positions of this dice are shown in the figure. Find the number on the face opposite to 4.



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



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.  
(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)  
Garland : Necklace :: Watch : ?

- Ans
- 1. Accessory
  - 2. Clock
  - 3. Time
  - 4. Bracelet

Q.15 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. River
2. Puddle
3. Pond
4. Lake
5. Ocean

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

Q.16 The numbers in each set are related to each other in a certain way.  
(12, 18, 3), (20, 30, 5), (36, 54, ?)  
Based on the relationship among the numbers in the first two sets, select the number that can replace the question mark (?) in the third set.

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

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)  
Taj Mahal : India :: Eiffel Tower : ?

- Ans
- 1. England
  - 2. Russia
  - 3. Japan
  - 4. France

Q.18 In a certain code language, 'NODUS' is written as 'KJUDF' and 'PILLOW' is written as 'IPMMJB'. How will 'NAVEL' be written in that language?

- Ans
- 1. KXCMT
  - 2. KXTCM
  - 3. KXMCT
  - 4. KXCTM

Q.19 In a certain code language, 'CASUAL' is written as 'SACLAU' and 'DESIRE' is written as 'SEDERI'. How will 'FALLEN' be written in that language?

- Ans
- 1. LAFNEL
  - 2. NFELLA
  - 3. NELALF
  - 4. NELLAF

Q.20 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 cabbages are beetroots.

Some cabbages are carrots.

Conclusions:

I. Some beetroots are cabbages.

II. Some beetroots are carrots.

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

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.

COLOUR : CUOLOR :: TRIBAL : TABIRL :: FINGER : ?

- Ans
- 1. FEGINR
  - 2. FGEINR
  - 3. FEGNIR
  - 4. FNIEGR

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

1. Interview
2. Application
3. Selection
4. Examination
5. Appointment

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

Q.23 In a certain code language,

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

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

'A × B' means 'A is the father of B'

'A ÷ B' means 'A is the mother of B'

Based on the above, how is P related to Z if 'W + Y - Z ÷ X + P'?

- Ans
- 1. Daughter
  - 2. Mother
  - 3. Son's wife
  - 4. Sister

Q.24 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

\_ A \_ J \_ \_ J \_ A \_ \_ A

- Ans
- 1. JAAAAJA
  - 2. AAJJAAA
  - 3. JAAJAJJ
  - 4. AJJAAJJ

Q.25 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 R related to T if 'Q ÷ R + P – S ÷ T'?

- Ans
- ✓ 1. Father's mother
  - ✗ 2. Son's daughter
  - ✗ 3. Mother's father
  - ✗ 4. Son's son

Section : General Awareness

Q.1 For the first time in the country, which of the following State Governments has implemented a policy for blindness control with the objective of 'Right to Sight'?

- Ans
- ✗ 1. Tamil Nadu
  - ✓ 2. Rajasthan
  - ✗ 3. Kerala
  - ✗ 4. Maharashtra

Q.2 The Chinese Buddhist pilgrim Fa Hien visited India during the reign of which of the following Gupta emperors?

- Ans
- ✗ 1. Chandragupta I
  - ✗ 2. Ghatotkacha
  - ✗ 3. Vishnugupta
  - ✓ 4. Chandragupta II

Q.3 Who among the following musicians played Carnatic music with Ghatam?

- Ans
- ✓ 1. TH Vinayakram
  - ✗ 2. KV Prasad
  - ✗ 3. Ali Akbar Khan
  - ✗ 4. Ramnad Raghavan

Q.4 The CPWD along with the Ministry of Road Transport and Highways works for public infrastructure. What is the full form of CPWD?

- Ans
- ✓ 1. Central Public Works Department
  - ✗ 2. Central Public Welfare Department
  - ✗ 3. Central Public Welfare Design
  - ✗ 4. Central Political Welfare Design

Q.5 Which of the following rivers is NOT related to the coastal plain of India?

- Ans
- ✗ 1. Krishna
  - ✗ 2. Kaveri
  - ✓ 3. Brahmaputra
  - ✗ 4. Mahanadi

Q.6 According to Census 2011, what is the estimated percentage of people below the poverty line in rural areas?

- Ans
- 1. 27.09%
  - 2. 13.04%
  - 3. 25.70%
  - 4. 18.90%

Q.7 Who among the following is the author of the book 'The Peacock Garden'?

- Ans
- 1. Anita Desai
  - 2. Indu Sundaresan
  - 3. Shashi Deshpande
  - 4. Arundhati Roy

Q.8 Mahatma Gandhi called a halt to the Non-Cooperation Movement after the Chauri Chaura incident. Where among the following places is Chauri Chaura located?

- Ans
- 1. Lucknow
  - 2. Mathura
  - 3. Meerut
  - 4. Gorakhpur

Q.9 Which of the following states is the least populated according to census 2011?

- Ans
- 1. Kerala
  - 2. Andhra Pradesh
  - 3. Arunachal Pradesh
  - 4. Odisha

Q.10 How many state Legislative Council members are elected by graduates of three years standing and residing within the state?

- Ans
- 1.  $\frac{1}{6}$  th
  - 2.  $\frac{1}{3}$  rd
  - 3.  $\frac{1}{12}$  th
  - 4.  $\frac{1}{4}$  th

Q.11 Which of the following Articles of the Indian Constitution enforces that it is the duty of the State to apply directive principles in making laws?

- Ans
- 1. Article 38
  - 2. Article 36
  - 3. Article 37
  - 4. Article 39

Q.12 Whom did Lord Curzon entrust as architect for Victoria Memorial Hall?

- Ans
- 1. William Emerson
  - 2. Herbert Baker
  - 3. Robert Chisholm
  - 4. Henry Irwin

Q.13 The battle of Khanwa was fought between the forces of the Babur and the Rajput forces led by:

- Ans
- 1. Ibrahim Lodi
  - 2. Medini Rai
  - 3. Mahmud Lodi
  - 4. Rana Sanga

Q.14 Cheraw dance belongs to which of the following states?

- Ans
- 1. Uttarakhand
  - 2. Gujarat
  - 3. Nagaland
  - 4. Mizoram

Q.15 In ethylene ( $C_2H_4$ ), hybridisation of carbon atoms is:

- Ans
- 1.  $sp^3$
  - 2.  $sp^3d$
  - 3.  $Sp$
  - 4.  $sp^2$

Q.16 Who among the following is the longest serving Chief Minister of a state?

- Ans
- 1. Lal Thanhawla
  - 2. Pawan Kumar Chamling
  - 3. Gegong Apang
  - 4. Jyoti Basu

Q.17 The Dang Darbar Fair is held every year in which Indian state?

- Ans
- 1. Gujarat
  - 2. Maharashtra
  - 3. Rajasthan
  - 4. Madhya Pradesh

Q.18 'Total Recall: My Unbelievably True Life Story' was authored by whom among the following personalities in addition to Peter Petre ?

- Ans
- 1. Pete Sampras
  - 2. Arnold Schwarzenegger
  - 3. Malcom X
  - 4. Andre Agassi

Q.19 Who has been appointed as the Chairman and Managing Director (CMD) of Cotton Corporation of India (CCI) in 2023?

- Ans
- 1. Krishnendra Pratap Singh
  - 2. Lalit Kumar Gupta
  - 3. Prabhat Kumar Tripathi
  - 4. Sushil R Gaikwad

Q.20 Who among the following was the Viceroy of British India when the Shimla conference was held in 1945?

- Ans
- 1. Lord Willingdon
  - 2. Lord Linlithgow
  - 3. Lord Irwin
  - 4. Lord Wavell

Q.21 73rd Amendment Act 1992 makes provisions for a 3-tier system of Panchayati Raj for all the states having population of above:

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

Q.22 What is the root-like structure at the base of an algae (seaweed) that binds the algae to a hard substrate like a stone?

- Ans
- 1. Midrib
  - 2. Holdfast
  - 3. Frond
  - 4. Stipe

Q.23 What are ribosomes made up of?

- Ans
- 1. Only DNA
  - 2. Only RNA
  - 3. Only proteins
  - 4. Proteins and RNA

Q.24 In respect of Arunachal Pradesh, the Governor has special responsibility under \_\_\_\_\_ of the Constitution of India with respect to law and order and in discharge of his functions in relation thereto.

- Ans
- 1. Article 380 A
  - 2. Article 371 H
  - 3. Article 361 H
  - 4. Article 359 A

Q.25 Which geostationary weather satellite launched by the European Space Agency in 1977 that provides weather imaging of Earth at both visible light and infrared wavelengths?

- Ans
- 1. QuikSCAT
  - 2. Himawari
  - 3. Landsat
  - 4. Meteosat

Section : Quantitative Aptitude

Q.1 The surface area of a sphere is  $2464 \text{ cm}^2$ . Calculate its volume.  
(Use  $\pi = \frac{22}{7}$ )

- Ans
- 1. 11598.67  $\text{cm}^3$
  - 2. 11498.67  $\text{cm}^3$
  - 3. 11488.67  $\text{cm}^3$
  - 4. 11478.67  $\text{cm}^3$

Q.2 Sukrit purchased an item for ₹650 and sold it at a profit of 26%. At what price (in ₹) did Sukrit sell the item?

- Ans
- 1. 813
  - 2. 829
  - 3. 819
  - 4. 823

Q3 Simplify the expression:

$$(0.2)^3 + (0.3)^3 + (0.5)^3 + 3 \times 0.5 \times 0.7 \times 0.8$$

- Ans
- 1. 1.525
  - 2. 0.001
  - 3. 0.005
  - 4. 1.000

Q4 In an isosceles  $\triangle LMN$ ,  $LM = LN$ , and  $\angle MLN = 37^\circ$ . Find  $\angle MNL$ .

- Ans
- 1.  $70.0^\circ$
  - 2.  $71.5^\circ$
  - 3.  $60.5^\circ$
  - 4.  $65.0^\circ$

Q5 In a race of 400 m, Bhim gave Saral a head start by 20 m at the start of the race. Saral took 48 seconds to complete the race. What was the speed (in m/s) of Bhim if Saral defeated Bhim by a margin of 2 seconds?

- Ans
- 1. 8.7
  - 2. 7.6
  - 3. 7.4
  - 4. 8

Q6 Find the third proportional of 9, 7, ?, 14.

- Ans
- 1. 21
  - 2. 24
  - 3. 18
  - 4. 16

Q7 If A is an acute angle, what is the value of cosec A, if  $\cot A = \frac{2p}{p^2-1}$ ?

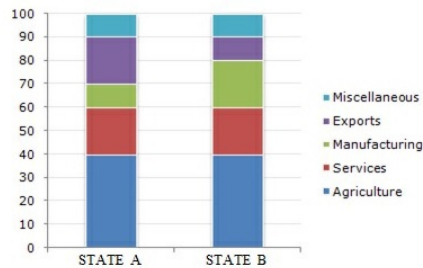
- Ans
- 1.  $\frac{p^2-1}{p^2+1}$
  - 2.  $\frac{p^2}{p^2-1}$
  - 3.  $\frac{p^2+1}{p^2-1}$
  - 4.  $\frac{2p}{p^2+1}$

Q8 A completes a piece of work in 4 days and B completes it in 6 days. How long will it take to complete the same piece of work if they both work together?

- Ans
- 1.  $2\frac{3}{5}$  days
  - 2. 3 days
  - 3.  $2\frac{2}{5}$  days
  - 4. 4 days

Q.9 Study the given bar-graph and answer the question that follows.

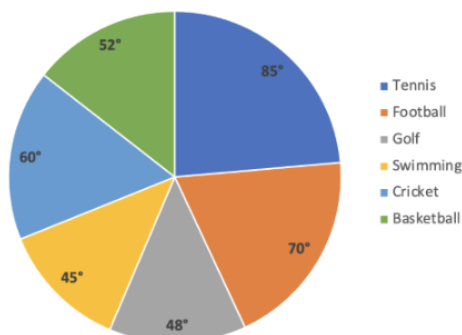
The bar-graph shows the percentage revenue allocation by two states in various sectors.



If the amount of money allocated to the two states is ₹20 billion each, then how much more (in rupees) does State A spend on Exports than on Manufacturing?

- Ans
- ✓ 1. 2 billion
  - ✗ 2. 1.5 billion
  - ✗ 3. 2.5 billion
  - ✗ 4. 3 billion

Q.10 The given pie-chart shows the expenditure (in ₹ lakh) of a country on various sports during a particular year. Study the chart carefully and answer the question that follows.



The average expenditure on golf and swimming is what per cent (rounded to 1 decimal place) more or less than the average expenditure on football and cricket?

- Ans
- ✗ 1. More, 28.5%
  - ✓ 2. Less, 28.5%
  - ✗ 3. More, 25.5%
  - ✗ 4. Less, 25.5%

Q.11 If the six-digit number  $15x1y2$  is divisible by 44, then the minimum value of

$(x + y)$  is equal to:

- Ans
- ✓ 1. 7
  - ✗ 2. 6
  - ✗ 3. 8
  - ✗ 4. 5

Q.12 The average weight of 10 persons is increased by 3.5 kg, when one of them whose weight is 45.5 kg is replaced by a new man. The weight (in kg) of the new man is \_\_\_\_.

- Ans
- ✗ 1. 75.5
  - ✗ 2. 85.5
  - ✗ 3. 70.5
  - ✓ 4. 80.5



Q.13 A dealer buys an article listed at ₹250 and gets successive discounts of 12% and 16%. He spends 10% of the cost price on transportation. At what price should he sell the article to earn a profit of 25%? (Correct to two places of decimal)

- Ans
- 1. ₹244.10
  - 2. ₹274.10
  - 3. ₹264.10
  - 4. ₹254.10

Q.14 Working separately, A and B can complete a work in 15 days and 18 days, respectively. If A starts the work and they work on alternate days, one on each day, then in how many days will the work be completed?

- Ans
- 1.  $17\frac{1}{3}$
  - 2.  $16\frac{1}{3}$
  - 3.  $18\frac{2}{3}$
  - 4.  $15\frac{2}{3}$

Q.15 Simplify the following expression.

$$49a^2 + 70ab + 25b^2$$

- Ans
- 1.  $(7a + 5b)^2$
  - 2.  $(7a - 5b)^2$
  - 3.  $(5a - 7b)^2$
  - 4.  $(5a + 7b)^2$

Q.16 Ramagya spends 22% of his salary on house rent and 75% of the rest on household expenses. If he saves ₹3,705, find his total income (in rupees).

- Ans
- 1. ₹21,000
  - 2. ₹19,000
  - 3. ₹18,000
  - 4. ₹17,000

Q.17 Without actual division, find the remainder when 379843 is divided by 3.

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

Q.18 A bag contains a total of 180 coins in the denominations of ₹5 and ₹1. Find the number of ₹5 coins in the bag, if the total value of the coins is ₹500.

- Ans
- 1. 80
  - 2. 100
  - 3. 120
  - 4. 60

Q.19 Find the simple interest on ₹15,000 at the rate of 7% p.a. for 3 years.

- Ans
- 1. ₹3,120
  - 2. ₹3,000
  - 3. ₹3,150
  - 4. ₹3,100

Q.20 If 45% of 50% of a number is 27, then what is the number?

- Ans
- 1. 180
  - 2. 120
  - 3. 150
  - 4. 160

Q.21 A and B are participants in a 1,800 m circular race. A is running at a speed of 24 km/h and B is running at a speed of 15 km/h. If both start from the same point and at the same time and run in the same direction, find the time when they will meet again. (up to two decimal points)

- Ans
- 1. 500 sec
  - 2. 600 sec
  - 3. 400 sec
  - 4. 720 sec

Q.22 The present ages of Ramu and Ravi are in the ratio of 4 : 3. After 5 years the ratio of their ages will be 5 : 4. Find their present ages, respectively.

- Ans
- 1. 15 years, 20 years
  - 2. 15 years, 12 years
  - 3. 10 years, 15 years
  - 4. 20 years, 15 years

Q.23 The value of  $\operatorname{cosec} \theta \left[ \frac{1 + \cos \theta}{\sin \theta} + \frac{\sin \theta}{1 + \cos \theta} \right] - 2 \cot^2 \theta$  is equal to:

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

Q.24 During the lockdown, a state government gives 4.5 kg of rice to each person of a family at a cost price of ₹40 per kg. But the distributor uses false weight of 3.75 kg instead of 4.5 kg and distributes the rice. The accumulated rice was sold in the black market at double the price. He showed the government that he distributed 2700 kg of rice. When caught, he was made to pay a fine of 125% of what he earned in the black market. What was his fine amount?

- Ans
- 1. ₹54,000
  - 2. ₹45,000
  - 3. ₹28,000
  - 4. ₹36,000

Q.25 The following table shows the marks (out of 100) obtained by four students in five different subjects.

Student/Subject	English	Hindi	Maths	Science	Social Science
Riya	88	94	90	95	93
Charu	91	93	88	92	88
Preeti	89	95	91	97	95
Mohan	90	88	95	96	89

How many marks did Preeti score in Science?

- Ans
- 1. 97
  - 2. 92
  - 3. 96
  - 4. 95

Section : English Language

Q.1 Select the most appropriate idiom that can substitute the underlined words in the given sentence.

I know you're blaming me for all that has happened but wasn't at fault alone.

- Ans
- 1. make hay while the sun shines
  - 2. it is always darkest before the dawn
  - 3. it takes two to tango
  - 4. leave no stone unturned

Q.2 Select the most appropriate option to substitute the underlined segment in the given sentence.

We have been at fours and fives in the office due to network issues.

- Ans
- 1. At nines and tens
  - 2. At threes and fours
  - 3. At sixes and sevens
  - 4. At eights and nines

Q.3 Select the option that expresses the given sentence in indirect speech.

He told me, "I will call you later."

- Ans
- 1. He told me that he would call me later.
  - 2. He told you call me later.
  - 3. He told he can call me later.
  - 4. He told me I would call me later.

Q.4 Select the option that expresses the following sentence in passive voice.

The reviewer gave a dazzling review of the restaurant, which then went viral.

- Ans
- 1. The reviewer was given a dazzling review to the restaurant, which then had gone viral
  - 2. A dazzling review of the restaurant is given by the reviewer, which then went viral.
  - 3. It went viral when the reviewer gave a dazzling review of the restaurant.
  - 4. A dazzling review of the restaurant was given by the reviewer, which then went viral.

Q.5 Select the option that expresses the given sentence in active voice.

The room will have been cleaned by the servant.

- Ans
- 1. The servant should clean the room.
  - 2. The servant will have clean the room.
  - 3. The servant will have cleaned the room.
  - 4. The servant will clean the room.

Q.6 Select the correct spelling of the underlined word in the following sentence.

The divide between the upper class and the lower class is jixtaped in this play.

- Ans
- 1. Juxtaposed
  - 2. Jextaped
  - 3. Juxtapoised
  - 4. Juxtapused

Q.7 Select the most appropriate idiom that can substitute the underlined words in the given sentence.

Sharon doing the work all by herself? Seems like it is possible, but is very unlikely to happen.

- Ans
- 1. pie in the sky
  - 2. bent out of shape
  - 3. a piece of cake
  - 4. a bad egg

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

Great tiredness

- Ans
- 1. Rejuvenation
  - 2. Potent
  - 3. Fatigue
  - 4. Vigour

Q.9 Select the most appropriate option that can substitute the underlined word in the following sentence with its ANTONYM.

The moment our English Instructor said the final paper is going to be tough, it was music to my ears!

- Ans
- 1. unpredictable
  - 2. durable
  - 3. peculiar
  - 4. resolvable

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

Paul and I played tennis yesterday. He's much better than me, so he win easily.

- Ans
- 1. Played tennis yesterday
  - 2. So he win easily
  - 3. Paul and I
  - 4. He's much better than me

Q.11 In the following sentence, four words have been underlined, out of which one word is MISSPELT. Select the option with the MISSPELT word.

The maintainance staff of the heritage hotel have decided to go on a strike from next Wednesday.

- Ans
- 1. decided
  - 2. maintainance
  - 3. heritage
  - 4. strike

Q.12 Select the option that expresses the following sentence in passive voice.

Let's recall the chapter once again.

- Ans
- 1. Let the chapter is being recalled once again by us
  - 2. Let the chapter is recalled once again by us.
  - 3. Let the chapter being recalled once again by us.
  - 4. Let the chapter be recalled once again by us.

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

The science of teaching

- Ans
- 1. Pedagogy
  - 2. Astrology
  - 3. Zoology
  - 4. Technology

Q.14 Select the option that can be used as a one-word substitute for the given group of words.

A system of government by one person with absolute power

- Ans
- 1. Anarchy
  - 2. Democracy
  - 3. Autocracy
  - 4. Bureaucracy

Q.15 Parts of the following sentence have been given as options. Select the option that contains an error.

Can we make sure we have a lots of fun on the trip?

- Ans
- 1. a lots of fun
  - 2. Can we make
  - 3. on the trip?
  - 4. sure we have

**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.

Smoking is the leading cause of death from bronchogenic carcinoma of the lungs, as well as a cause of death from larynx, oral cavity, oesophagus, bladder, kidney, pancreas, stomach, uterine cervix and coronary heart disease. Nicotine is the (1)\_\_\_\_\_ addictive component of tobacco smoke. The additives, too, cause (2)\_\_\_\_\_ to the body; for example, ammonia can result in a 100-fold increase in nicotine's (3)\_\_\_\_\_ to enter the nose. Nicotine's 'kick' can be amplified by levulinic acid, an additive used to conceal the nicotine's harsh taste, by (4)\_\_\_\_\_ the binding of nicotine to brain receptors. More than four thousand compounds and more than forty known carcinogens are found in cigarette smoke. Tobacco smoke has been well (5)\_\_\_\_\_ as a proven carcinogen and cancer cause for many years.

**SubQuestion No : 16**

**Q.16 Select the most appropriate option to fill in blank no. 1.**

- Ans
- 1. trivial
  - 2. minor
  - 3. secondary
  - 4. primary

**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.

Smoking is the leading cause of death from bronchogenic carcinoma of the lungs, as well as a cause of death from larynx, oral cavity, oesophagus, bladder, kidney, pancreas, stomach, uterine cervix and coronary heart disease. Nicotine is the (1)\_\_\_\_\_ addictive component of tobacco smoke. The additives, too, cause (2)\_\_\_\_\_ to the body; for example, ammonia can result in a 100-fold increase in nicotine's (3)\_\_\_\_\_ to enter the nose. Nicotine's 'kick' can be amplified by levulinic acid, an additive used to conceal the nicotine's harsh taste, by (4)\_\_\_\_\_ the binding of nicotine to brain receptors. More than four thousand compounds and more than forty known carcinogens are found in cigarette smoke. Tobacco smoke has been well (5)\_\_\_\_\_ as a proven carcinogen and cancer cause for many years.

**SubQuestion No : 17**

**Q.17 Select the most appropriate option to fill in blank no. 2.**

- Ans
- 1. harm
  - 2. cure
  - 3. benefit
  - 4. favour

**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.

Smoking is the leading cause of death from bronchogenic carcinoma of the lungs, as well as a cause of death from larynx, oral cavity, oesophagus, bladder, kidney, pancreas, stomach, uterine cervix and coronary heart disease. Nicotine is the (1)\_\_\_\_\_ addictive component of tobacco smoke. The additives, too, cause (2)\_\_\_\_\_ to the body; for example, ammonia can result in a 100-fold increase in nicotine's (3)\_\_\_\_\_ to enter the nose. Nicotine's 'kick' can be amplified by levulinic acid, an additive used to conceal the nicotine's harsh taste, by (4)\_\_\_\_\_ the binding of nicotine to brain receptors. More than four thousand compounds and more than forty known carcinogens are found in cigarette smoke. Tobacco smoke has been well (5)\_\_\_\_\_ as a proven carcinogen and cancer cause for many years.

**SubQuestion No : 18**

**Q.18 Select the most appropriate option to fill in blank no. 3.**

- Ans
- 1. limitation
  - 2. capacity
  - 3. deficiency
  - 4. inability

**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.

Smoking is the leading cause of death from bronchogenic carcinoma of the lungs, as well as a cause of death from larynx, oral cavity, oesophagus, bladder, kidney, pancreas, stomach, uterine cervix and coronary heart disease. Nicotine is the (1)\_\_\_\_\_ addictive component of tobacco smoke. The additives, too, cause (2)\_\_\_\_\_ to the body; for example, ammonia can result in a 100-fold increase in nicotine's (3)\_\_\_\_\_ to enter the nose. Nicotine's 'kick' can be amplified by levulinic acid, an additive used to conceal the nicotine's harsh taste, by (4)\_\_\_\_\_ the binding of nicotine to brain receptors. More than four thousand compounds and more than forty known carcinogens are found in cigarette smoke. Tobacco smoke has been well (5)\_\_\_\_\_ as a proven carcinogen and cancer cause for many years.

**SubQuestion No : 19**

**Q.19 Select the most appropriate option to fill in blank no. 4.**

- Ans
- 1. decreasing
  - 2. increasing
  - 3. reducing
  - 4. diminishing

**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.

Smoking is the leading cause of death from bronchogenic carcinoma of the lungs, as well as a cause of death from larynx, oral cavity, oesophagus, bladder, kidney, pancreas, stomach, uterine cervix and coronary heart disease. Nicotine is the (1)\_\_\_\_\_ addictive component of tobacco smoke. The additives, too, cause (2)\_\_\_\_\_ to the body; for example, ammonia can result in a 100-fold increase in nicotine's (3)\_\_\_\_\_ to enter the nose. Nicotine's 'kick' can be amplified by levulinic acid, an additive used to conceal the nicotine's harsh taste, by (4)\_\_\_\_\_ the binding of nicotine to brain receptors. More than four thousand compounds and more than forty known carcinogens are found in cigarette smoke. Tobacco smoke has been well (5)\_\_\_\_\_ as a proven carcinogen and cancer cause for many years.

**SubQuestion No : 20**

**Q.20 Select the most appropriate option to fill in blank no. 5.**

**Ans** ✓ 1. recognised

✗ 2. neglected

✗ 3. misread

✗ 4. behaved



**Comprehension:**

Read the given passage and answer the questions that follow.

Superstitions are a universal phenomenon having their own peculiar place in the cultural ethos and milieu of a people. They epitomise man's fear of the unknown, fear of evil, blind faith in omens and portents. Superstitions are interwoven with myth, legend, unnatural phenomena and disaster, customs and traditions, and are mainly the outcome of ignorance. They are unreasonable and irrational beliefs that gradually become matters of faith. When certain things and happenings are rationally inexplicable, people tend to assign mysterious and supernatural reasons for their operation. Thus, a natural disaster is explained in terms of God's wrath and the failure of one's project is assigned to the black cat which crossed the path just as one set out on the errand.

The primitive human beings were mainly governed by superstitions. Superstitions were widespread before the dawn of civilisation when science had not advanced. Thus, ignorance of the primitive people and the resultant growth of superstitions were the direct outcomes of the lack of scientific advancement. Unenlightened people always tend to be superstitious. The belief in the sanctity of time and old traditions of the ancestors bind the people into knots of superstitious thought. Besides, the unscrupulous priests and religious officials exercise a dominating, unhealthy effect upon the people believing in religious orthodoxy. They encourage superstitions for their own ulterior motives.

Superstitions are not only universally prevalent but even have strikingly common features whether believed in India or in as far off a place as Canada. There are some common superstitions which are shared by people all over the world. Beliefs in spirits, ghosts and witches and reincarnation are quite common among all the peoples of the world. Belief in witches still prevails in India, France, Scotland, England, and many other countries. In countries of the East, especially in India, belief in ghosts and spirits still exists. The cries of certain birds like owls and ravens and the howl of cats are regarded with superstition as portents of evil throughout the world. Then there is a very common belief that the sighting of comets portends the death of kings or great men or some unforeseen catastrophe. Shakespeare refers to such a superstition in his play/tragedy, Julius Caesar. Halley's Comet in the twentieth century evoked a similar response in many a mind.

**SubQuestion No : 21**

**Q.21 What does the phrase 'religious orthodoxy' mean?**

- Ans**
- 1. The modern beliefs of a social group
  - 2. The traditional beliefs of a religious group
  - 3. The western beliefs of a business group
  - 4. The advanced beliefs of a political group

**Comprehension:**

Read the given passage and answer the questions that follow.

Superstitions are a universal phenomenon having their own peculiar place in the cultural ethos and milieu of a people. They epitomise man's fear of the unknown, fear of evil, blind faith in omens and portents. Superstitions are interwoven with myth, legend, unnatural phenomena and disaster, customs and traditions, and are mainly the outcome of ignorance. They are unreasonable and irrational beliefs that gradually become matters of faith. When certain things and happenings are rationally inexplicable, people tend to assign mysterious and supernatural reasons for their operation. Thus, a natural disaster is explained in terms of God's wrath and the failure of one's project is assigned to the black cat which crossed the path just as one set out on the errand.

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**SubQuestion No : 22**

**Q.22** What does 'unenlightened' mean in the context of the given passage?

- Ans**
- 1. Perfect knowledge of something
  - 2. Lack of necessary knowledge
  - 3. An intellectual human being
  - 4. A very delighted person

**Comprehension:**

Read the given passage and answer the questions that follow.

Superstitions are a universal phenomenon having their own peculiar place in the cultural ethos and milieu of a people. They epitomise man's fear of the unknown, fear of evil, blind faith in omens and portents. Superstitions are interwoven with myth, legend, unnatural phenomena and disaster, customs and traditions, and are mainly the outcome of ignorance. They are unreasonable and irrational beliefs that gradually become matters of faith. When certain things and happenings are rationally inexplicable, people tend to assign mysterious and supernatural reasons for their operation. Thus, a natural disaster is explained in terms of God's wrath and the failure of one's project is assigned to the black cat which crossed the path just as one set out on the errand.

The primitive human beings were mainly governed by superstitions.

Superstitions were widespread before the dawn of civilisation when science had not advanced. Thus, ignorance of the primitive people and the resultant growth of superstitions were the direct outcomes of the lack of scientific advancement. Unenlightened people always tend to be superstitious. The belief in the sanctity of time and old traditions of the ancestors bind the people into knots of superstitious thought. Besides, the unscrupulous priests and religious officials exercise a dominating, unhealthy effect upon the people believing in religious orthodoxy. They encourage superstitions for their own ulterior motives.

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**SubQuestion No : 23**

Q.23 Superstitions are mainly the outcomes of \_\_\_\_\_.

- Ans
- ✓ 1. belief
  - ✗ 2. learning
  - ✗ 3. ignorance
  - ✗ 4. knowledge

**Comprehension:**

Read the given passage and answer the questions that follow.

Superstitions are a universal phenomenon having their own peculiar place in the cultural ethos and milieu of a people. They epitomise man's fear of the unknown, fear of evil, blind faith in omens and portents. Superstitions are interwoven with myth, legend, unnatural phenomena and disaster, customs and traditions, and are mainly the outcome of ignorance. They are unreasonable and irrational beliefs that gradually become matters of faith. When certain things and happenings are rationally inexplicable, people tend to assign mysterious and supernatural reasons for their operation. Thus, a natural disaster is explained in terms of God's wrath and the failure of one's project is assigned to the black cat which crossed the path just as one set out on the errand.

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#### SubQuestion No : 24

Q.24 Which of the following statements is INCORRECT according to the passage?

- Ans
- 1. A natural disaster is regarded as a god's wrath by superstitious people.
  - 2. Superstitions are rational beliefs.
  - 3. Superstitions are a universal phenomenon.
  - 4. Superstitions are also prevailing in Canada.

**Comprehension:**

Read the given passage and answer the questions that follow.

Superstitions are a universal phenomenon having their own peculiar place in the cultural ethos and milieu of a people. They epitomise man's fear of the unknown, fear of evil, blind faith in omens and portents. Superstitions are interwoven with myth, legend, unnatural phenomena and disaster, customs and traditions, and are mainly the outcome of ignorance. They are unreasonable and irrational beliefs that gradually become matters of faith. When certain things and happenings are rationally inexplicable, people tend to assign mysterious and supernatural reasons for their operation. Thus, a natural disaster is explained in terms of God's wrath and the failure of one's project is assigned to the black cat which crossed the path just as one set out on the errand.

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**SubQuestion No : 25**

**Q.25 According to the passage, which of the following is NOT regarded as a superstition by people?**

- Ans**
- 1. Howling of cats
  - 2. Sighting of comets
  - 3. Cries of children
  - 4. Crossing of path by black cat

