

Selection Post Examination Phase XII 2024

Exam Date	20/06/2024
Exam Time	5:15 PM - 6:15 PM
Subject	Selection Post Matriculation level

Section : General Intelligence

Q1 Which of the following terms will replace the question mark (?) in the given series?
SOWJ, QPUK, OQSL, ?, KSON

- Ans
- 1. MRQM
 - 2. NQQL
 - 3. NRPM
 - 4. MSQN

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.)
Car : Garage :: Clothes : ?

- Ans
- 1. Dress
 - 2. Bus
 - 3. Wardrobe
 - 4. Iron

Q3 Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.
16 : 36 :: 64 : 100 :: 25 : ?

- Ans
- 1. 61
 - 2. 47
 - 3. 45
 - 4. 49

Q4 Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.

_ R _ _ A R _ O _ _ G O A _ G O

- Ans
- 1. A A G O G R R
 - 2. A G O G A R R
 - 3. A G G O A R R
 - 4. A G O G R A A

Q5 Three statements are given, followed by four conclusions numbered I, II, III and IV. 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 cars are bikes.

All bikes are trucks.

Some trucks are buses.

Conclusions:

I. Some trucks are cars.

II. All buses are cars.

III. Some cars are buses.

IV. All bikes are buses.

Ans 1. Only conclusions I, II and IV follow

2. Only conclusions I and IV follow

3. Only conclusion I follows

4. Only conclusions II and III follow

Q6 Which two numbers (not individual digits) should be interchanged to make the given equation correct?

$$[(39 - 3) \div 6] + 11 \times 2 - 4 \times 5 = 13$$

Ans 1. 3 and 6

2. 2 and 5

3. 2 and 6

4. 11 and 4

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.

ROYAL : ALZRO :: ABOUT : UTPAB :: POLES : ?

Ans 1. FSNPR

2. ESMPO

3. ESNPQ

4. FRMQN

Q8 In a certain code language, 'ABROAD' is written as 'SCBFCQ' and 'ACCEPT' is written as 'DDBVRG'. How will 'ACTION' be written as in that language?

Ans 1. TCANOI

2. UDBPQK

3. TCAPQK

4. VEC PQK

Q9 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown below.



Ans 1. R 7 8 E M 2 9

2. R 7 8 E W 5 9

3. R 7 8 E W 2 9

4. 9 2 W E 8 7 R

Q.10 In a code language, 'government help people' is written as 'abc pqr mno', 'people live happily' is written as 'efg xyz pqr', and 'people choose government' is written as 'abc pqr ijk'. What is the code for the word 'choose' in that language?

- Ans
- 1. pqr
 - 2. ijk
 - 3. abc
 - 4. xyz

Q.11 What will come in place of the question mark (?) in the following equation if '+' and 'x' are interchanged and '-' and '÷' are interchanged?

$$16 - 4 + 7 \times 8 \div 1 = ?$$

- Ans
- 1. 47
 - 2. 15
 - 3. 23
 - 4. 35

Q.12 In a certain code language, CAT is written as 24 and LATE is written 38. How will DOLL be written in the same language?

- Ans
- 1. 40
 - 2. 39
 - 3. 47
 - 4. 43

Q.13 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
AGMZ, CEOX, ECQV, ?

- Ans
- 1. GDSX
 - 2. GBTS
 - 3. GAST
 - 4. GCSW

Q.14 Identify the option figure that can replace the question mark (?) in the following series to logically complete the series?

G	9	S	8	9	S	8	G	
	2		4		6		8	?
8	S	9	G	G	8	S	9	

Ans

1.

✗

S	8
	10
G	9

2.

✗

S	G
	8
9	10

3.

✗

G	8
	8
S	9

4.

✓

S	8
	10
9	G

Q.15 In a certain code language, 'SEQUINS' is written as 'HVJFKPU' and 'REACTED' is written as 'IVZXVGF'. How will 'PROCESS' be written in that language?

Ans

✓ 1. KILXGUU

✗ 2. BDIUNMO

✗ 3. LOPKFGH

✗ 4. TRUIWDM

Q.16 Which of the following letter-clusters will replace the question mark (?) in the given series?
IBDA, MFHE, QJLI, ?, YRTQ

- Ans
- 1. UNTM
 - 2. UNPM
 - 3. VNPM
 - 4. QNPQ

Q.17 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

- 1 Rain
- 2 Sea
- 3 Evaporation
- 4 Clouds

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

Q.18 In a certain code language, 'FLUTE' is written as 'VGFOU' and 'EXILE' is written as 'VORCV'. How will 'BLOOD' be written in that language?

- Ans
- 1. WLOXY
 - 2. WLLOY
 - 3. WLLDB
 - 4. WLLOB

Q.19 In a certain code language, 'WHITE' is written as 'FSJGX' and 'COLOR' is written as 'SNMND'. How will 'SHIRT' be written as in that language?

- Ans
- 1. UQJIT
 - 2. UPJGT
 - 3. TGJQU
 - 4. UQJGT

Q.20 According to the series given below, fill in the blank with a suitable letter that would satisfy the series.

Z, B, D, F, H, _____

- Ans
- 1. N
 - 2. K
 - 3. J
 - 4. I

Q.21 Which of the following numbers will replace the question mark (?) in the given series?

5, 3, 20, 9, 80, 27, 320, ?

- Ans
- 1. 81
 - 2. 100
 - 3. 89
 - 4. 90

Q.22 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Discover
2. Disperse
3. Disjointed
4. Discard
5. Disposable
6. Discriminate

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

Q.23 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 clay are soils
- II. Some soil are mud.
- III. Some mud are dust.

Conclusions:

- I. Some clay are dust.
- II. All dust are soil.

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

Q.24 In a certain code language,
 'A + B' means 'A is the mother of B',
 'A - B' means 'A is the brother of B',
 'A × B' means 'A is the wife of B' and
 'A ÷ B' means 'A is the father of B'.
 How is C related to E if $A + B \div C \times D - E$?

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

Q.25 In a certain code language,
 'X + Y' means 'X is the mother of Y'.
 'X * Y' means 'X is the father of Y',
 'X - Y' means 'X is the daughter of Y',
 'X % Y' means 'X is the wife of Y'.
 Based on the above, how is A related to D if 'A - B * C + D'?

Ans 1. Mother's mother
 2. Daughter
 3. Mother's sister
 4. Mother

Section : General Awareness

Q.1 Which of the following classes has the largest number of animals?

Ans 1. Pisces
 2. Reptiles
 3. Insects
 4. Mammals

Q2 On 7th March 2022, the Government initiated a scheme to re-enrol out-of-school adolescent girls (OoS AG) in the age group of 11-14 years. What is the name of the scheme?

- Ans
- 1. Prerna Scheme
 - 2. Kanya Shiksha Pravesh Utsav
 - 3. Rashtriya Madhyamik Shiksha Abhiyan
 - 4. National Scheme of Incentives to Girls for Secondary Education

Q3 When Akbar introduced Mansabdari system, _____ was the lowest grade of Mansabdar.

- Ans
- 1. ten
 - 2. fifty
 - 3. one thousand
 - 4. one hundred

Q4 Which of the following classical dance forms has originated in Andhra Pradesh?

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

Q5 The festival of Eid Milad-un-Nabi is celebrated in which of the following Islamic months?

- Ans
- 1. Muharram
 - 2. Rajab
 - 3. Rabi' al-Awwal
 - 4. Safar

Q6 Thaneswar where the Vardhana dynasty ruled around the present-day state of _____.

- Ans
- 1. Madhya Pradesh
 - 2. Rajasthan
 - 3. Gujarat
 - 4. Haryana

Q7 Why I Am An Atheist is the autobiography of which Indian freedom fighter?

- Ans
- 1. Bhagat Singh
 - 2. Subhash Chandra Bose
 - 3. Lala Lajpat Rai
 - 4. Sarojini Naidu

Q8 Technetium, the first artificially produced element used in many medical diagnostic imaging scans, is found in which group of the periodic table?

- Ans
- 1. Group 7
 - 2. Group 12
 - 3. Group 19
 - 4. Group 14

Q.9 In December 1929, Jawaharlal Nehru, president of Indian National Congress, formally demanded _____ from British Government.

- Ans
- 1. complete freedom
 - 2. civil rights
 - 3. fundamental rights
 - 4. dominion status

Q.10 The term 'bishop' is associated with which game?

- Ans
- 1. hockey
 - 2. basketball
 - 3. golf
 - 4. chess

Q.11 From the given alternatives, identify an inner planet.

- Ans
- 1. Jupiter
 - 2. Uranus
 - 3. Saturn
 - 4. Mercury

Q.12 K-selected species are characterised by:

- Ans
- 1. species possessing relatively unstable populations and which tend to produce relatively large numbers of offspring
 - 2. species possessing relatively stable populations and which tend to produce relatively large numbers of offspring
 - 3. species possessing relatively stable populations and which tend to produce relatively low numbers of offspring
 - 4. species possessing relatively unstable populations and which tend to produce relatively low numbers of offspring

Q.13 In which Harappan site was a paved bathroom found?

- Ans
- 1. Banawali
 - 2. Dholavira
 - 3. Mohenjodaro
 - 4. Kalibangan

Q.14 Natya Sangeet is a form of musical play in classical music still prevalent in Maharashtra. Bal Gandharava is an exponent of this musical form. What is actual name of Balgandharva?

- Ans
- 1. Narayan Shripad Rajhans
 - 2. Vishnu Digambar Paluskar
 - 3. Vishnu Narayan Bhatkhande
 - 4. Mallikarjun Mansur

Q.15 The first train steamed off from Mumbai to _____.

- Ans
- 1. Malad
 - 2. Pune
 - 3. Thane
 - 4. Nagpur

Q.16 What is the name of the farmer's parliament formed by the villagers in 1999 with the primary objective of safeguarding community efforts to conserve and utilise their scarce natural resources?

- Ans
- 1. Renuka Sansad
 - 2. Arvari Sansad
 - 3. Siddhi Sansad
 - 4. Kushi Sansad

Q.17 In April 2022, the Prime Minister Street Vendor's AtmaNirbhar Nidhi (PM SVANidhi) scheme was extended till December _____.

- Ans
- 1. 2024
 - 2. 2026
 - 3. 2023
 - 4. 2025

Q.18 In which of the following places the Indian National Congress passed the resolution of Purna Swaraj?

- Ans
- 1. Lahore
 - 2. Bombay
 - 3. Madras
 - 4. Karachi

Q.19 On the 46th Civil Accounts Day, as a part of 'Ease of Doing Business (EoDB) and Digital India eco-system', the Government of India introduced which of the following?

- Ans
- 1. E-bill processing system
 - 2. Digi-bill processing system
 - 3. Saral system
 - 4. Sahaj system

Q.20 Who has been named the new CEO of the Food Safety and Standards Authority of India (FSSAI) in December 2022?

- Ans
- 1. Manish Mani Tiwari
 - 2. Ramesh Chander
 - 3. Ganji Kamala V Rao
 - 4. Prasanna K Sharma

Q.21 Which of the following statements is NOT correct about the Attorney General of India?

- Ans
- 1. A person qualified to be appointed as the judge of the Supreme Court is eligible for the office of the Attorney General of India.
 - 2. He/She is considered the highest law officer in the country.
 - 3. Article 76 provides for the Attorney General of India.
 - 4. He/She is appointed by the Prime Minister of India.

Q.22 Which of the following Articles of the Constitution of India states about the executive power of the Union?

- Ans
- 1. Article 52
 - 2. Article 54
 - 3. Article 53
 - 4. Article 55

Q.23 As per the 2011 census, what is the density of population in Arunachal Pradesh?

- Ans
- 1. 18 persons/km²
 - 2. 19 persons/km²
 - 3. 17 persons/km²
 - 4. 20 persons/km²

Q.24 Which of the following is NOT an Indian tournament?

- Ans
- 1. UEFA Champions League
 - 2. Subroto Cup
 - 3. Durand Cup
 - 4. Santosh Trophy

Q.25 From which country were the ideals of justice of the Indian Constitution borrowed?

- Ans
- 1. The USSR
 - 2. The US
 - 3. Japan
 - 4. The UK

Section : Quantitative Aptitude

Q.1 In an election between two candidates, 75% of the voters cast their votes, out of which 4% of the votes were declared invalid. A candidate got 9504 votes, which were 80% of the valid votes. Find the total number of votes enrolled in that election.

- Ans
- 1. 13,200
 - 2. 12,375
 - 3. 12,672
 - 4. 16,500

Q.2 If the cost price of a table is ₹400 and the selling price is ₹600, then find the profit percentage.

- Ans
- 1. 45%
 - 2. 33%
 - 3. 55%
 - 4. 50%

Q.3 If Tanmay covers three equal distances at the speeds of 2 km/h, 3 km/h and 4 km/h, respectively, then find his average speed (in km/h) during the whole journey. (Rounded off to 2 decimal places)

- Ans
- 1. 4.35
 - 2. 5.75
 - 3. 2.77
 - 4. 3.25

Q.4 At a construction site, 15 men or 10 machines can construct a room in 66 days. In how many days can 5 men and 4 machines together complete the work?

- Ans
- 1. 80
 - 2. 90
 - 3. 75
 - 4. 85

Q.5 If the cylinder height is 9 cm and the base area is $25\pi\text{cm}^2$, then find the total surface area.

- Ans
- 1. 240 cm^2
 - 2. 340 cm^2
 - 3. 140 cm^2
 - 4. 440 cm^2

Q.6 Kajal offers two successive discounts of 10% and 8% on the sale of a cosmetic item to her customer. What is the equivalent single percentage discount offered by Kajal?

- Ans
- 1. 17.4%
 - 2. 17.2%
 - 3. 17.6%
 - 4. 17.8%

Q.7 A shopkeeper expects a gain of 36% on his cost price. If in a month, his sale was ₹6,14,856, then what was his profit (in ₹)?

- Ans
- 1. 1,62,800
 - 2. 1,62,756
 - 3. 1,61,235
 - 4. 1,63,900

Q.8 A garrison of 140 men has provisions for 35 days. At the end of 10 days, 35 more men joined them. How many days can they sustain on the remaining provisions?

- Ans
- 1. 20
 - 2. 10
 - 3. 25
 - 4. 35

Q.9 If two-fifth of three-eighth of one-sixth of a certain number is 52, what is 40% of the number?

- Ans
- 1. 2080
 - 2. 832
 - 3. 1248
 - 4. 1664

Q.10 Which of the following numbers are divisible by 11?

- (i) 29435417
- (ii) 57463828
- (iii) 57463824
- (iv) 29435416

- Ans
- 1. (i) and (ii)
 - 2. (iii) and (iv)
 - 3. (i) and (iii)
 - 4. (ii) and (iii)

Q.11 A sum of ₹2,400 gives a simple interest of ₹378 in 2 years 4 months. What is the rate of interest per annum?

- Ans
- 1. 7.05%
 - 2. 6.75%
 - 3. 6.95%
 - 4. 6.85%

Q.12 The radius of a hemisphere is 9 cm. Its volume will be:

- Ans
- 1. $243\pi \text{ cm}^3$
 - 2. $972\pi \text{ cm}^3$
 - 3. $712\pi \text{ cm}^3$
 - 4. $486\pi \text{ cm}^3$

Q.13 Roshan owned a plot of land having an area that was 20% more than the area of the plot owned by Susan, while the area of the plot of land owned by Jacob was 30% more than the area of the plot owned by Roshan. If the area of the plot owned by Susan was 1250 square feet, what was the area (in square feet) of the plot owned by Jacob?

- Ans
- 1. 1875
 - 2. 2050
 - 3. 2020
 - 4. 1950

Q.14 The diagonal of a cube is $5\sqrt{3}$ cm. Find the surface area of the cube.

- Ans
- 1. 150 cm^2
 - 2. 650 cm^2
 - 3. 250 cm^2
 - 4. 25 cm^2

Q.15 If class A has 11 boys and 18 girls, class B has 13 boys and 17 girls, and class C has 20 boys and 9 girls, which class has the biggest ratio(s) of boys to girls?

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

Q.16 A train passes a 500 m long platform in 12 seconds and a man standing on the platform in four seconds. Find the speed of the train.

- Ans
- 1. 125 km/h
 - 2. 252.5 km/h
 - 3. 152.5 km/h
 - 4. 225 km/h

Q.17 A thief is noticed by a policeman from a distance of 500 m. The thief starts running and the policeman chases him. The thief and the policeman run at the speed of 12 km/h and 13 km/h, respectively. What is the distance between them after 12 minutes?

- Ans
- 1. 300 m
 - 2. 150 m
 - 3. 100 m
 - 4. 200 m

Q.18 The average age of all the students of a class is 18 years. The average age of the boys of the class is 19 years and of the girls is 14 years. If the number of girls in the class is 30, then what is the number of boys in the class?

- Ans
- 1. 100
 - 2. 140
 - 3. 120
 - 4. 110

Q.19 If an electricity bill is paid before the due date, one gets a reduction of 5% on the amount of the bill. By paying the bill before the due date, a person got a reduction of ₹250. The original amount of his electricity bill (in ₹) was:

- Ans
- 1. 4500
 - 2. 4000
 - 3. 5500
 - 4. 5000

Q.20 ₹1,380 has to be paid after 4 years. If four equal instalments are required with a simple interest of 10% on each instalment, then what is the value of each instalment?

- Ans
- 1. ₹300
 - 2. ₹400
 - 3. ₹500
 - 4. ₹200

Q.21 Sanjana borrows ₹16,000 at 24% per annum simple interest and Savithri borrows ₹18,200 at 20% per annum simple interest. In how many years will their amounts of debts be equal?

- Ans
- 1. 11
 - 2. 10
 - 3. 12
 - 4. 15

Q.22 A teacher travelled a distance of 22 km in 7 hours. He travelled partly on foot at the speed of 2 km/h and partly on bicycle at the rate of 4 km/h. The distance travelled on foot is:

- Ans
- 1. 8 km
 - 2. 10 km
 - 3. 3 km
 - 4. 6 km

Q.23 A 4-digit number '34PQ' divisible by 3, 5 and 7. Find the value of P+Q.

- Ans
- 1. 11
 - 2. 12
 - 3. 10
 - 4. 13

Q.24 A salesman purchases goods at ₹1,250 and is forced to sell it at ₹1,000. Find his loss percentage.

- Ans
- 1. 15%
 - 2. 30%
 - 3. 25%
 - 4. 20%

Q.25 The average of v numbers is w and that of w numbers is v . Then the average of all the numbers is:

- Ans
- 1. vw
 - 2. vw^2
 - 3. $v^2 + w^2$
 - 4. $v + w$

Section : English Language

Q.1 Select the most appropriate option to fill in the blanks.

The term 'germ' _____ an army of tiny terrors, including viruses, fungi, parasites and bacteria. These pathogens all have the ability to _____ from victim to victim, who is known as host. These look like microscopic monsters.

- Ans
- 1. incorporate; grow
 - 2. encircle; stretch
 - 3. enclose; extend
 - 4. encompasses; spread

Q2 From among the words given in bold, select the INCORRECTLY spelt word in the following sentence.
These are the letters of administration that are useful for genealogical studies and for investigations pertaining to the state of society.

- Ans
- 1. administration
 - 2. investigations
 - 3. pertaining
 - 4. genaological

Q3 Select the most appropriate synonym of the given word.

Warm

- Ans
- 1. Amicable
 - 2. Unkind
 - 3. Hostile
 - 4. Mean

Q4 Select the most appropriate meaning of the given idiom.
A snake in the grass

- Ans
- 1. A man with a straightforward attitude
 - 2. A man of ability
 - 3. A worthless person
 - 4. A secret or hidden enemy

Q5 Select the most appropriate synonym of the given word.
Concise

- Ans
- 1. Brief
 - 2. Relief
 - 3. Belief
 - 4. Grief

Q6 Select the most appropriate ANTONYM of the underlined word.

A frugal lifestyle doesn't necessarily reflect someone's personality.

- Ans
- 1. conventional
 - 2. cooperative
 - 3. dynamic
 - 4. wasteful

Q7 Select the most appropriate meaning of the given underlined idiom.
The construction of the office building of the company was taking place in leaps and bounds.

- Ans
- 1. Broken because of negligence
 - 2. Moving very slowly
 - 3. Stopped due to some legal issues
 - 4. Progressing very quickly

Q8 Identify the option that rectifies the spelling of the incorrectly spelt word in the given sentence.

The fencing was adoned with ornamental plants of various colours.

- Ans
- 1. Ornamenntal
 - 2. Variouse
 - 3. Adorned
 - 4. Fensing

Q.9 Select the most appropriate option to fill in the blank.

Many societies throughout history have understood the _____ for harmony between the environment, society, and economy.

- Ans
- 1. caninity
 - 2. superfluity
 - 3. necessity
 - 4. amenity

Q.10 Select the most appropriate ANTONYM for the highlighted word.
His liberal policies were responsible for progress in the community.

- Ans
- 1. conservative
 - 2. hysterical
 - 3. ineffectual
 - 4. central

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

The police is interrogating the peons of my school.

- Ans
- 1. The peons of my school has been being interrogated by the police.
 - 2. The peons of my school were being interrogated by the police.
 - 3. The peons of my school have been being interrogated by the police.
 - 4. The peons of my school are being interrogated by the police.

Q.12 Select the most appropriate ANTONYM of the underlined word.

It was certainly a cowardly act.

- Ans
- 1. Fearful
 - 2. Brave
 - 3. Comfortable
 - 4. Believable

Q.13 Select the INCORRECTLY spelt word.

- Ans
- 1. Psychiatry
 - 2. Psychology
 - 3. Physiology
 - 4. Psychometric

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

Sheena said, 'I am flying a kite.'

- Ans
- 1. Sheena said that she has been flying a kite.
 - 2. Sheena says she was flying a kite.
 - 3. Sheena said that she was flying a kite.
 - 4. Sheena said that she had flown a kite.

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

Speech without prior preparation

- Ans
- 1. Debate
 - 2. Lecture
 - 3. Extempore
 - 4. Rambling

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.

Sustainability is ___(1)___ longer just a buzzword. It ___(2)___ a necessity and the primary agenda of the world today. Like many other countries, India too is witnessing a growth of ___(3)___ green economy. It ___(4)___ estimated that India's renewable energy target will create more than 3.4 million new job opportunities ___(5)___ 2030. In fact, a recent survey stated that a Sustainability Manager is going to be one of the top 10 jobs this decade.

SubQuestion No : 16

Q.16 In the context of the passage, select the most appropriate option to fill in blank (1)

- Ans
- 1. any
 - 2. not
 - 3. no
 - 4. never

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.

Sustainability is ___(1)___ longer just a buzzword. It ___(2)___ a necessity and the primary agenda of the world today. Like many other countries, India too is witnessing a growth of ___(3)___ green economy. It ___(4)___ estimated that India's renewable energy target will create more than 3.4 million new job opportunities ___(5)___ 2030. In fact, a recent survey stated that a Sustainability Manager is going to be one of the top 10 jobs this decade.

SubQuestion No : 17

Q.17 In the context of the passage, select the most appropriate option to fill in blank (2).

- Ans
- 1. is
 - 2. might be
 - 3. will be
 - 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.

Sustainability is ___(1)___ longer just a buzzword. It ___(2)___ a necessity and the primary agenda of the world today. Like many other countries, India too is witnessing a growth of ___(3)___ green economy. It ___(4)___ estimated that India's renewable energy target will create more than 3.4 million new job opportunities ___(5)___ 2030. In fact, a recent survey stated that a Sustainability Manager is going to be one of the top 10 jobs this decade.

SubQuestion No : 18

Q.18 In the context of the passage, select the most appropriate option to fill in blank (3).

- Ans
- 1. his
 - 2. their
 - 3. its
 - 4. hers

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.

Sustainability is ___(1)___ longer just a buzzword. It ___(2)___ a necessity and the primary agenda of the world today. Like many other countries, India too is witnessing a growth of ___(3)___ green economy. It ___(4)___ estimated that India's renewable energy target will create more than 3.4 million new job opportunities ___(5)___ 2030. In fact, a recent survey stated that a Sustainability Manager is going to be one of the top 10 jobs this decade.

SubQuestion No : 19

Q.19 In the context of the passage, select the most appropriate option to fill in blank (4).

- Ans
- 1. had been
 - 2. were
 - 3. will be
 - 4. is

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.

Sustainability is ___(1)___ longer just a buzzword. It ___(2)___ a necessity and the primary agenda of the world today. Like many other countries, India too is witnessing a growth of ___(3)___ green economy. It ___(4)___ estimated that India's renewable energy target will create more than 3.4 million new job opportunities ___(5)___ 2030. In fact, a recent survey stated that a Sustainability Manager is going to be one of the top 10 jobs this decade.

SubQuestion No : 20

Q.20 In the context of the passage, select the most appropriate option to fill in blank (5).

- Ans
- 1. with
 - 2. for
 - 3. since
 - 4. by

Comprehension:

Read the given passage and answer the questions that follow.

Dhamaal is a mix of Sufi and African (mostly East African) musical and dance traditions. It refers particularly to the spiritual practices of the Siddis of Gujarat.

The Siddis begin almost every Dhamaal song by blowing into a conch shell. This is often followed by the slow playing of East African percussion instruments like the musindo and the slow thumping of feet that marks the onset of the singing and dancing Dhamaals. The ritual of foot thumping is a crucial part of spiritual East African dance and musical traditions.

The Siddis are followers of Islam and arrived in India from Muslim communities in East and Central Africa. Dhamaals are performed in memory of their spiritual leaders, among them Bava Gor, Mai Misra, Baba Habash and Sidi Nabi Sultan. According to Siddi folklore they arrived from Ethiopia through the Nubian Valley, Syria and the Indian Ocean to the coast of Kuda in the Bhavnagar district of Gujarat.

Usually, Dhamaal songs and dances are performed to celebrate the anniversary of the birth and death of spiritual leaders. They are performed in two ways – Dance Dhamaal and Baithaaki Dhamaal. The Baithaaki Dhamaal is performed in the sitting position and the Dance Dhamaal is performed in both sitting and dance positions.

During the performance of Baithaaki Dhamaal the focus is more on the lyrics and less on the musical instruments. During Dance Dhamaal the focus is more on the sounds of the instruments. These are often played in a frenzied manner and accompanied by frenzied dance movements. The spiritual songs that are sung during the Dhamaals are known as zikrs.

SubQuestion No : 21

Q.21 What is the tone of the speaker?

- Ans
- 1. Informative
 - 2. Biased
 - 3. Aggressive
 - 4. Sarcastic

Comprehension:

Read the given passage and answer the questions that follow.

Dhamaal is a mix of Sufi and African (mostly East African) musical and dance traditions. It refers particularly to the spiritual practices of the Siddis of Gujarat.

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SubQuestion No : 22

Q.22 Identify the most suitable title for the passage.

- Ans
- 1. The Bhavnagar Treat
 - 2. The Saga of the Siddis
 - 3. Wonders of Indian Dance
 - 4. What's Missing in Dhamaal?

Comprehension:

Read the given passage and answer the questions that follow.

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The Siddis begin almost every Dhamaal song by blowing into a conch shell. This is often followed by the slow playing of East African percussion instruments like the musindo and the slow thumping of feet that marks the onset of the singing and dancing Dhamaals. The ritual of foot thumping is a crucial part of spiritual East African dance and musical traditions.

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SubQuestion No : 23

Q.23 What is played in a Dhamaal song after blowing into a conch shell?

- Ans
- 1. Musindo
 - 2. Lyre
 - 3. Baithaaki
 - 4. Table

Comprehension:

Read the given passage and answer the questions that follow.

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The Siddis begin almost every Dhamaal song by blowing into a conch shell. This is often followed by the slow playing of East African percussion instruments like the musindo and the slow thumping of feet that marks the onset of the singing and dancing Dhamaals. The ritual of foot thumping is a crucial part of spiritual East African dance and musical traditions.

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SubQuestion No : 24

Q.24 Select the most suitable word from the passage which means 'excited'.

- Ans
- 1. Ritual
 - 2. Frenzied
 - 3. Spiritual
 - 4. Percussion

Comprehension:

Read the given passage and answer the questions that follow.

Dhamaal is a mix of Sufi and African (mostly East African) musical and dance traditions. It refers particularly to the spiritual practices of the Siddis of Gujarat.

The Siddis begin almost every Dhamaal song by blowing into a conch shell. This is often followed by the slow playing of East African percussion instruments like the musindo and the slow thumping of feet that marks the onset of the singing and dancing Dhamaals. The ritual of foot thumping is a crucial part of spiritual East African dance and musical traditions.

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SubQuestion No : 25

Q.25 Who is NOT a spiritual leader of the Siddis?

- Ans
- 1. Mai Misra
 - 2. Gulam Ali
 - 3. Sidi Nabi Sultan
 - 4. Baba Habash

Selection Post Examination Phase XII 2024

Exam Date	20/06/2024
Exam Time	9:00 AM - 10:00 AM
Subject	Selection Post Matriculation level

Section : General Intelligence

Q.1 In a certain code language 'WHEAT' is written as 'AMIFX' and 'BLACK' is written as 'FQEHO'. How will 'GREASE' be written in the same code language?

- Ans
- 1. KWIFVJ
 - 2. KWIGWI
 - 3. KWIFWI
 - 4. KWIFWJ

Q.2 In a certain code language, 'BORE' is coded as '7513', and 'ROTE' is coded as '1457'. What is the code for 'T' in that language?

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

Q.3 Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.

r _ m _ s _ t _ i _ m s s _ r i m _ _ s t

- Ans
- 1. i m s r s t s s
 - 2. i s m r m t m s
 - 3. i m s r t t m s
 - 4. i m s r m t m s

Q.4 Following certain logic, 64 is related to 16 and 100 is related to 25. To which of the following is 144 related, following the same logic?

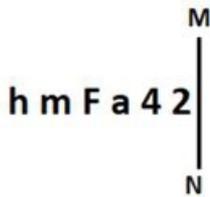
- Ans
- 1. 24
 - 2. 36
 - 3. 72
 - 4. 48

Q.5 Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English dictionary.

1. Expert
2. Exotic
3. Explicit
4. Expense
5. Expanse

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

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



- Ans
- 1. $\zeta \Delta F a m h$
 - 2. $\zeta \Delta s \Gamma m d$
 - 3. $h m F a 4 2$
 - 4. $4 2 s \Gamma m d$

Q.7 In a certain code language, 'LAST' is coded as '5489', and 'SILT' is coded as '9465'. What is the code for 'I' in that language?

- Ans
- 1. 5
 - 2. 4
 - 3. 6
 - 4. 9

Q.8 Select the option that is related to the fifth letter cluster in the same way as the second letter cluster is related to the first letter cluster and the fourth letter cluster is related to the third letter cluster.

LINK : JGKN :: THAT : RFTA :: GROW : ?

- Ans
- 1. EQVP
 - 2. EQXO
 - 3. FQVO
 - 4. EPWO

Q.9 Which of the following letter-clusters will replace the question mark (?) in the given series?
BINZ, EJOY, HKPX, ?, NMRV

- Ans
- 1. KLRW
 - 2. JLQW
 - 3. KLQW
 - 4. JLRW

Q.10 Which of the following terms will replace the question mark (?) in the given series?

MBZT, KYBW, IVDZ, ?, EPHF

- Ans
- 1. GSFC
 - 2. GRFB
 - 3. FSGC
 - 4. FRGB

Q.11 In a certain code language, 'GROUP' is written as '7T15W16' and 'STATE' is written as '19V1V5'. How will 'RIGHT' be written in that language?

- Ans
- 1. 17K8J20
 - 2. 18K8K20
 - 3. 18K7J20
 - 4. 18J7J20

Q.12 Which of the following numbers will replace the question mark (?) in the given series?
168,191,218,249,284, ?

Ans 1. 323

2. 333

3. 319

4. 329

Q.13 Select the option that represents the letters that, when sequentially placed in the blanks below, will complete the letter-series.
e_bho_etb__met_hom_tbhom

Ans 1. t m h o b e

2. m h t o b e

3. t m b h o e

4. h m t e b o

Q.14 Identify the option figure that can replace the question mark (?) in the following series to logically complete the series?

8	P O	8 P	O 8	P	
Y	L	Y	L		?
L	O Y	P L	8 Y	O	

Ans 1.

O	Y
8	
P	L

2.

Y	P
L	
8	O

3.

L	8
O	
Y	P

4.

O	8
Y	
L	P

Q.15 If WATER is coded as 30 and ORANGE is coded as 36, what will EIGHT be coded as?

Ans 1. 42

2. 36

3. 25

4. 30

Q.16 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also 'x' and '÷' are interchanged?
 $88 - 7 \div 65 \times 13 + 34 = ?$

- Ans
- 1. 94
 - 2. 76
 - 3. 89
 - 4. 101

Q.17 In a certain code language, 'BLOOD' is written as 'CNRSI' and 'VEINS' is written as 'WGLRX'. How will 'HEART' be written in that language?

- Ans
- 1. IGV DY
 - 2. IGD YV
 - 3. IGD VY
 - 4. IGY DV

Q.18 In a certain code language,
'P * Q' means 'P is the father of Q',
'P # Q' means 'P is the sister of Q',
'P + Q' means 'P is the brother of Q',
'P = Q' means 'P is the mother of Q',
'P - Q' means 'P is the son of Q'.
Based on the above, how is P related to R if 'P * Q = R'?

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

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.)
Convict : Prison :: Eskimo : ?

- Ans
- 1. Hut
 - 2. Cottage
 - 3. Igloo
 - 4. Palace

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:

- 1) All mats are sheets.
- 2) No sheet is a paper.
- 3) Some papers are notebooks.

Conclusions:

- I. No mat is a paper.
- II. Some sheets are notebooks.

- 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

Q21 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also 'x' and '÷' are interchanged?
 $9 \div 145 \times 29 - 75 + 13 = ?$

- Ans
- 1. 107
 - 2. 137
 - 3. 124
 - 4. 113

Q22 Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Neural
2. Newspaper
3. Neglect
4. Newfound
5. Neutron
6. Nephew

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

Q23 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 bamboos are sticks.
- II. All canes are sticks.
- III. All canes are twigs.

Conclusions:

- I. Some bamboos are twigs.
- II. Some twigs are sticks.

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

Q24 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 O related to M if 'C - O ÷ L × U ÷ M ÷ N'?

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

Q25 Select the option that represents the letters that, when placed from left to right in the blanks below, will complete the letter-series.

a _ m x _ q _ y c _ o _

- Ans
- 1. pbnrz
 - 2. nbprz
 - 3. prnbx
 - 4. pnbrz

Q.1 Which group of oilfields among the following is located in Assam?

- Ans
- 1. Kosamba and Lunej
 - 2. Digboi and Naharkatiya
 - 3. Ankaleshwar and Kalol
 - 4. Mehsana and Nawagam

Q.2 Where was the first cement plant located in India in the year 1904?

- Ans
- 1. Chennai
 - 2. Jaipur
 - 3. Hyderabad
 - 4. Rajkot

Q.3 The density of population is the crude relationship between human and _____.

- Ans
- 1. growth
 - 2. capital
 - 3. land
 - 4. family

Q.4 In February 2023, which high court ordered that even foreigners can invoke Domestic Violence Act, 2005 in Indian courts and that the residence of women is immaterial?

- Ans
- 1. Delhi
 - 2. Calcutta
 - 3. Madras
 - 4. Bombay

Q.5 Which of the following states is associated with Bonalu festival?

- Ans
- 1. Tamil Nadu
 - 2. Karnataka
 - 3. Kerala
 - 4. Telangana

Q.6 Alarippu, Jatiswaram, Shabdham, Varnam and Tillana are regular patterns of which of the following classical dance forms of India?

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

Q.7 Which metalloid in the carbon group is chemically similar to its group neighbours tin and silicon?

- Ans
- 1. Germanium
 - 2. Flerovium
 - 3. Lead
 - 4. Arsenic

Q.8 Rajasthani architecture is also known as:

- Ans
- 1. Indo-Saracenic
 - 2. Greco-Roman
 - 3. Maru-Gurjara
 - 4. Sharqi

Q.9 During a National Emergency, the term of Lok Sabha can be extended for:

- Ans
- 1. one year at a time
 - 2. three months at a time
 - 3. six months at a time
 - 4. two years at a time

Q.10 Which Ministry of the Government of India launched South Asia Distribution Utility Network (SADUN) which aims to modernise distribution of utilities in South Asia?

- Ans
- 1. Railways ministry
 - 2. Information and Broadcasting ministry
 - 3. Civil Aviation ministry
 - 4. Power ministry

Q.11 The Asian Games is also known as _____.

- Ans
- 1. National Games
 - 2. World Cup
 - 3. Commonwealth Games
 - 4. Asiad

Q.12 Who among the following personalities renounced his knighthood after the Jallianwala Bagh massacre?

- Ans
- 1. JC Bose
 - 2. Rabindranath Tagore
 - 3. CV Raman
 - 4. Syed Ahmed Khan

Q.13 The Suresh Tendulkar committee was formed in 2005 for _____.

- Ans
- 1. economic reform
 - 2. foreign policy
 - 3. employment
 - 4. poverty estimates

Q.14 The Union Cabinet has approved to extend the Pradhan Mantri Ujjwala Yojana (PMUY) for how many years in September 2023?

- Ans
- 1. Five years
 - 2. Seven years
 - 3. Two years
 - 4. Three years

Q.15 The Federal Court of India was established in Delhi by the Act of _____.

- Ans
- 1. 1905
 - 2. 1919
 - 3. 1935
 - 4. 1908

Q.16 In which of the following sports/games is the term 'bull's eye' used?

- Ans
- 1. Shooting
 - 2. Kabaddi
 - 3. Chess
 - 4. Kho-kho

Q.17 Identify a factor that does NOT determine the temperature of ocean waters.

- Ans
- 1. Unequal distribution of land and water
 - 2. Longitude
 - 3. Ocean currents
 - 4. Latitude

Q.18 Which Assamese artist was known as Sudhakantha?

- Ans
- 1. Hiteswar Saikia
 - 2. Bhupen Hazarika
 - 3. Hem Barua
 - 4. Hema Bharali

Q.19 Which of the following statements is NOT correct about the Directive Principles of State Policy?

- Ans
- 1. They were incorporated in our Constitution in order to provide economic justice.
 - 2. These principles are justiciable.
 - 3. They are fundamental in the governance of the country.
 - 4. The idea of Directive Principles of State Policy has been taken from the Irish Republic.

Q.20 What is called the powerhouse of the cell?

- Ans
- 1. Cytoplasm
 - 2. Nucleus
 - 3. Chloroplast
 - 4. Mitochondria

Q.21 Which type of muscles do the uterus, iris of the eye, and bronchi contain?

- Ans
- 1. Cardiac muscles
 - 2. Striated muscles
 - 3. Smooth muscles
 - 4. Skeletal muscles

Q.22 Kalidasa was a famous poet in the court of _____.

- Ans
- 1. Harshavardhana
 - 2. Chandragupta II
 - 3. Kanishka
 - 4. Pushyamitra Shunga

Q.23 Which of the following novels was written by George Orwell?

- Ans
- 1. Fahrenheit 451
 - 2. Pride and Prejudice
 - 3. Brave New World
 - 4. Animal Farm

Q.24 Identify the Mughal emperor who was imprisoned for the rest of his life in Agra after the war of succession among his sons.

- Ans
- 1. Jahadar Shah
 - 2. Aurangzeb
 - 3. Shah Jahan
 - 4. Bahadur Shah I

Q.25 The Quit India Resolution was ratified in the _____ session of Indian National Congress to launch the movement.

- Ans
- 1. Bankipur
 - 2. Bombay
 - 3. Lucknow
 - 4. Nagpur

Section : Quantitative Aptitude

Q.1 The perimeter of one face of a cube is 40 cm. Its volume will be:

- Ans
- 1. 10000 cm³
 - 2. 100 cm³
 - 3. 10 cm³
 - 4. 1000 cm³

Q.2 A and B complete a work in 12 and 15 days, respectively. They started the work alternatively for 1 day each and A started the work first. In how much time will 60% of the work be completed?

- Ans
- 1. 8 days
 - 2. 9 days
 - 3. 7 days
 - 4. 10 days

Q.3 Rashid sells a book at a gain of 20%. If he had sold it at ₹34.51 more, he would have gained 37%. The cost price (in ₹) of the book is:

- Ans
- 1. 203
 - 2. 220
 - 3. 210
 - 4. 207

Q.4 The lateral surface area of a cone is 550cm². If the diameter of the cone is 14cm, then the height of the cone is:

- Ans
- 1. 12 cm
 - 2. 24 cm
 - 3. 25 cm
 - 4. 12.5 cm

Q.5 In an educational institution, the ratio of the numbers of students in middle school and in high school, respectively, in a given year was given as 4 : 3. If there were 324 students in middle school in that year in that institution, what was the number of students in high school in the same year in that institution?

- Ans
- 1. 246
 - 2. 249
 - 3. 240
 - 4. 243

Q.6 The marked price of a fancy toy is ₹30,000. It is to be sold allowing two successive discounts of 20% and 24%, respectively. On cash payment, an additional 10% discount on the net price is also given. The selling price (in ₹) of the toy is:

- Ans
- 1. 16416
 - 2. 18350
 - 3. 16520
 - 4. 17280

Q.7 In a Panchayat election, three contestants - A, B, and C - are contesting. 75% of the total population of 8000 cast their votes. There were no invalid or NOTA votes in the election. A got the least votes, with only 300 votes. B got 66% of the total votes and won the election. How many votes did B get?

- Ans
- 1. 5280
 - 2. 3660
 - 3. 3960
 - 4. 4060

Q.8 Rohan buys a bike priced at ₹95,000. He pays ₹25,000 at once and the rest after 18 months, on which he is charged a simple interest at the rate of 10% per annum. The total amount (in ₹) he pays for the bike is:

- Ans
- 1. 1,05,500
 - 2. 1,02,320
 - 3. 1,03,500
 - 4. 1,23,200

Q.9 The number 10000 is exactly divisible by which of the following numbers?

- Ans
- 1. 14
 - 2. 25
 - 3. 17
 - 4. 18

Q.10 Find the average of all prime numbers between 42 and 75.

- Ans
- 1. 60.25
 - 2. 55.75
 - 3. 59.25
 - 4. 57.65

Q.11 In a circular path of 619 m, Preeti and Rani start walking in opposite directions from the same point at the speed of 2.85 km/h and 5.4 km/h, respectively. When they will meet for the first time approximately?

- Ans
- 1. After 4.50 minutes
 - 2. After 6.05 minutes
 - 3. After 4.75 minutes
 - 4. After 6.75 minutes

Q.12 Find the average of 642, 253, 834 and 303.

- Ans
- 1. 512
 - 2. 452
 - 3. 509
 - 4. 508

Q.13 An iron costing ₹758 was sold by Ramesh at a gain of 15%, and it was again sold by Reena, who bought it from Ramesh, at a loss of 8%. Find the selling price of the iron for Reena (correct to two places of decimals).

- Ans
- 1. ₹808.69
 - 2. ₹801.96
 - 3. ₹810.96
 - 4. ₹820.69

Q.14 The price of a trouser is first decreased by 12% and then increased by 15%. If the initial price of the trouser was ₹1,500, find the final price (in ₹) of the trouser.

- Ans
- 1. 1,554
 - 2. 1,545
 - 3. 1,518
 - 4. 1,581

Q.15 If 28 men can do a piece of work in 26 days, then in how many days 13 men will do it?

- Ans
- 1. 52
 - 2. 56
 - 3. 58
 - 4. 50

Q.16 Rameshwar sold a bike at a loss of 15%. If the selling price had been increased by ₹3,375, there would have been a gain of 12%. Find the cost price of the bike.

- Ans
- 1. ₹15,200
 - 2. ₹12,500
 - 3. ₹25,100
 - 4. ₹25,200

Q.17 If the length of each of the two equal sides of an isosceles triangle is 15 cm and the adjacent angle is 30° , then the area of the triangle is:

- Ans
- 1. 36.25 cm^2
 - 2. 56.25 cm^2
 - 3. 66.25 cm^2
 - 4. 26.25 cm^2

Q.18 A car covers the distance from Delhi to Gurugram at 60 km/h and returns at a uniform speed of 40 km/h. The average speed of the car during the whole journey is:

- Ans
- 1. 50 km/h
 - 2. 40 km/h
 - 3. 48 km/h
 - 4. 60 km/h

Q.19 A bank gives ₹1,500 as simple interest in one year on an amount of ₹60,000. What is the annual rate of simple interest (in percentage)?

- Ans
- 1. 2.5
 - 2. 3.5
 - 3. 5.5
 - 4. 3

Q.20 In a college election between two rivals, a candidate got 30% of the total votes polled. He was defeated by his rival by 200 votes. The total number of votes polled was:

- Ans
- 1. 300
 - 2. 600
 - 3. 400
 - 4. 500

Q.21 Find the amount of equal annual instalment, which will discharge a debt of Rs.40,376 due in 4 years at the rate of 2% p.a. simple interest.

- Ans
- 1. Rs.9,800
 - 2. Rs.8,600
 - 3. Rs.10,250
 - 4. Rs.8,758

Q.22 Which of the following numbers is divisible by 11?

- Ans
- 1. 611571
 - 2. 908781
 - 3. 701611
 - 4. 969331

Q.23 A chemistry laboratory requests for a 25% solution of ferrous sulphate. A supplier has 40 millilitres of 20% solution. How many millilitres of 40% solution should be added to make it a 25% solution (correct to two decimal places)?

- Ans
- 1. 13.33
 - 2. 14.30
 - 3. 15.20
 - 4. 16.40

Q.24 Find a single discount equivalent to the successive discount of 12%, 20%, 24%, and 32%. (Correct to two places of decimals)

- Ans
- 1. 73.71%
 - 2. 43.41%
 - 3. 53.51%
 - 4. 63.62%

Q.25 A man walks 3 km and 200 metres in 25 minutes. What is his speed (in km/h)?

- Ans
- 1. 8.76
 - 2. 7.86
 - 3. 7.68
 - 4. 6.87

Section : English Language

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

Someone who does not care about rules

- Ans
- 1. Tyrant
 - 2. Vampire
 - 3. Nonconformist
 - 4. Illegitimate

Q2 In the following question a sentence has been given with a blank. You are required to choose the correct idiom to fill in the blank.

I'm _____ until my family arrives from their holiday. I cannot wait to see them.

- Ans
- 1. bearing the gift of the gab
 - 2. losing ground
 - 3. counting down the days
 - 4. getting myself into a mess

Q3 Select the option that can be used as a one-word substitute for the given group of words.

The state or condition of not being in agreement, accordance, or in harmony

- Ans
- 1. Congeniality
 - 2. Diplomacy
 - 3. Incongruence
 - 4. Liquidity

Q4 Select the option that expresses the given sentence in passive voice.

She will clear the test tomorrow.

- Ans
- 1. The test will be cleared by her the next day.
 - 2. The test would be cleared by her tomorrow.
 - 3. The test should be cleared by her the previous day.
 - 4. The test must be cleared by her the coming day.

Q5 Select the INCORRECTLY spelt word in the given sentence.

On this auspicious Monday, chilled and shudering in spite of astrologer's assurances, he was glad to return to the shelter of canvas awnings on bamboo stakes.

- Ans
- 1. shudering
 - 2. auspicious
 - 3. assurances
 - 4. stakes

Q6 Select the MISSPELT word.

- Ans
- 1. Retain
 - 2. Resturant
 - 3. Resemblance
 - 4. Refrain

Q7 Select the most appropriate idiom to fill in the blank.

_____, French was the most difficult language for Shruti.

- Ans
- 1. By far
 - 2. Break into
 - 3. Be in the air
 - 4. Bear out

Q.8 Select the most appropriate ANTONYM of the word 'Rue' from the given sentence.

Rubina was in distress and guilt due to the loss she incurred to her company, so she could not accept the bonus with relish at the end of the month.

- Ans
- 1. Loss
 - 2. Guilt
 - 3. Relish
 - 4. Distress

Q.9 Select the most appropriate synonym of the given word.

Stunning

- Ans
- 1. Hideous
 - 2. Plain
 - 3. Gorgeous
 - 4. Ugly

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

Pixar's feature-length releases, which consistently achieved _____ commercial success, were lauded not only for their visual innovations but for their intelligent and emotional storytelling.

- Ans
- 1. worldly
 - 2. worldwide
 - 3. aggregate
 - 4. planetary

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

Brave

- Ans
- 1. Coward
 - 2. Shallow
 - 3. Courageous
 - 4. Foolish

Q.12 Select the INCORRECTLY spelt word in the options given below.

- Ans
- 1. Liquidity
 - 2. Pioneer
 - 3. Phenomenon
 - 4. Enthusiatik

Q.13 Select the most appropriate synonym of the given word.

Jargon

- Ans
- 1. Terminology
 - 2. Music
 - 3. Essay
 - 4. Automobile

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

He said, "I can speak three languages fluently."

- Ans
- 1. He said that he can speak three languages fluently.
 - 2. He said that he was able to speak three languages fluently.
 - 3. He said that he will be able to speak three languages fluently.
 - 4. He said that he could speak three languages fluently.

Q.15 Select the most appropriate synonym of the given word.

Courageous

- Ans
- 1. Cowardly
 - 2. Fearful
 - 3. Timid
 - 4. Gutsy

Comprehension:

Read the following passage and fill in the blanks by selecting the most appropriate option.

Children working in hazardous industries are ____1 to debilitating diseases which can cripple them for life. By sitting in cramped, damp, unhygienic spaces, their limbs become deformed for life. Inside the matchstick, fireworks and glass industries, they are ____2 of bronchial diseases and TB. Their mental and physical development is permanently ____3 by long hours of work. Once ____4, they can't get out of the vicious circle of poverty. They ____5 uneducated and powerless.

SubQuestion No : 16

Q.16 Select the most appropriate option for blank 1:

- Ans
- 1. Determined
 - 2. Questionable
 - 3. Prone
 - 4. Elevated

Comprehension:

Read the following passage and fill in the blanks by selecting the most appropriate option.

Children working in hazardous industries are ____1 to debilitating diseases which can cripple them for life. By sitting in cramped, damp, unhygienic spaces, their limbs become deformed for life. Inside the matchstick, fireworks and glass industries, they are ____2 of bronchial diseases and TB. Their mental and physical development is permanently ____3 by long hours of work. Once ____4, they can't get out of the vicious circle of poverty. They ____5 uneducated and powerless.

SubQuestion No : 17

Q.17 Select the most appropriate option for blank 2:

- Ans
- 1. Producers
 - 2. Creators
 - 3. Admirers
 - 4. Victims

Comprehension:

Read the following passage and fill in the blanks by selecting the most appropriate option.

Children working in hazardous industries are ____1 to debilitating diseases which can cripple them for life. By sitting in cramped, damp, unhygienic spaces, their limbs become deformed for life. Inside the matchstick, fireworks and glass industries, they are ____2 of bronchial diseases and TB. Their mental and physical development is permanently ____3 by long hours of work. Once ____4, they can't get out of the vicious circle of poverty. They ____5 uneducated and powerless.

SubQuestion No : 18

Q.18 Select the most appropriate option for blank 3:

- Ans
- 1. Included
 - 2. Impaired
 - 3. Established
 - 4. Examined

Comprehension:

Read the following passage and fill in the blanks by selecting the most appropriate option.

Children working in hazardous industries are ____1 to debilitating diseases which can cripple them for life. By sitting in cramped, damp, unhygienic spaces, their limbs become deformed for life. Inside the matchstick, fireworks and glass industries, they are ____2 of bronchial diseases and TB. Their mental and physical development is permanently ____3 by long hours of work. Once ____4, they can't get out of the vicious circle of poverty. They ____5 uneducated and powerless.

SubQuestion No : 19

Q.19 Select the most appropriate option for blank 4:

- Ans
- 1. Adopted
 - 2. Trapped
 - 3. Determined
 - 4. Confirmed

Comprehension:

Read the following passage and fill in the blanks by selecting the most appropriate option.

Children working in hazardous industries are ____1 to debilitating diseases which can cripple them for life. By sitting in cramped, damp, unhygienic spaces, their limbs become deformed for life. Inside the matchstick, fireworks and glass industries, they are ____2 of bronchial diseases and TB. Their mental and physical development is permanently ____3 by long hours of work. Once ____4, they can't get out of the vicious circle of poverty. They ____5 uneducated and powerless.

SubQuestion No : 20

Q.20 Select the most appropriate option for blank 5:

- Ans
- 1. Remain
 - 2. Compete
 - 3. Accuse
 - 4. Choose

Comprehension:

Read the given passage and answer the questions that follow.

On 14 November 2022, the POCSO Act completed a decade of being on the statute books in India. When enacted, it marked the culmination of years of campaigning for a dedicated domestic legislation to deal with sexual offenses against children. Ten years is a reasonable period of time to look back and reflect on how far it has been able to meet the objectives it set out to achieve.

Objectives of the law: The need for a dedicated law to deal with sexual offenses against children emanated from a realisation that, by failing to account for the specific needs of child victims, the criminal justice system's response to such cases lacked the sensitivity required. To address this concern, the POCSO Act in addition to providing punishment for sexual offenses against children, provided certain safeguards to make children's interaction with the criminal justice system 'child-friendly'. For instance, the child victim should not see the accused at the time of testifying and that trial be held in camera. The evidence of a child shall be recorded within a period of 30 days. The trial court completes the trial, as far as possible, within a period of one year from the date of cognisance. The POCSO rules, 2020 also made a provision for appointment of support persons for victims to render assistance.

Hurdles in implementation: Implementing a new law in a vast country like India is not an easy task. Though the child protection ecosystem is complex and involves the interplay of multiple actors, when it comes to courts, the delay in disposal of POCSO cases presents one of the biggest challenges in meeting the Act's objectives. There is a huge variation in the average case length across states. For instance, Chandigarh takes about six months (on average) to dispose of a case, Himachal Pradesh takes about two years 10 months. Slow disposals not only impact the accused who might be incarcerated during the duration of the trial but also negatively impact the child victim who might be retraumatised.

Lessons learnt: Though the Act's implementation is far from perfect, the fact remains that the criminal justice system is more sensitive towards child victims today than it was a decade ago. Since some states are clearly performing better than others, certain best practices can be adopted by other states.

Going forward, the government and the judiciary need to assess the gaps in implementation and strengthen the capacity of the various actors to meet the objectives of the Act.

SubQuestion No : 21

Q.21 Select the most appropriate title for the passage.

- Ans
- 1. A Decade of POCSO Act and its Reflect
 - 2. POCSO, the Perfect Protection
 - 3. POCSO Act and the Lawyers' Opinions
 - 4. Lawlessness of POCSO Act

Comprehension:

Read the given passage and answer the questions that follow.

On 14 November 2022, the POCSO Act completed a decade of being on the statute books in India. When enacted, it marked the culmination of years of campaigning for a dedicated domestic legislation to deal with sexual offenses against children. Ten years is a reasonable period of time to look back and reflect on how far it has been able to meet the objectives it set out to achieve.

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Hurdles in implementation: Implementing a new law in a vast country like India is not an easy task. Though the child protection ecosystem is complex and involves the interplay of multiple actors, when it comes to courts, the delay in disposal of POCSO cases presents one of the biggest challenges in meeting the Act's objectives. There is a huge variation in the average case length across states. For instance, Chandigarh takes about six months (on average) to dispose of a case, Himachal Pradesh takes about two years 10 months. Slow disposals not only impact the accused who might be incarcerated during the duration of the trial but also negatively impact the child victim who might be retraumatised.

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SubQuestion No : 22

Q.22 Select the most appropriate option to fill in the blank.
The POCSO Act deals with _____.

- Ans**
- 1. sexual offenses against children
 - 2. offenses against children in their education
 - 3. sexual offenses against women
 - 4. sexual offenses against the mentally challenged

Comprehension:

Read the given passage and answer the questions that follow.

On 14 November 2022, the POCSO Act completed a decade of being on the statute books in India. When enacted, it marked the culmination of years of campaigning for a dedicated domestic legislation to deal with sexual offenses against children. Ten years is a reasonable period of time to look back and reflect on how far it has been able to meet the objectives it set out to achieve.

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Lessons learnt: Though the Act's implementation is far from perfect, the fact remains that the criminal justice system is more sensitive towards child victims today than it was a decade ago. Since some states are clearly performing better than others, certain best practices can be adopted by other states.

Going forward, the government and the judiciary need to assess the gaps in implementation and strengthen the capacity of the various actors to meet the objectives of the Act.

SubQuestion No : 23

Q.23 Which of the following statements is NOT correct, according to the passage?

- Ans**
- 1. Implementing a law in India is difficult.
 - 2. The government and the judiciary need to assess the gaps.
 - 3. The trial court completes the trial within a period of one year.
 - 4. Chandigarh takes about six years on average to dispose of a case.

Comprehension:

Read the given passage and answer the questions that follow.

On 14 November 2022, the POCSO Act completed a decade of being on the statute books in India. When enacted, it marked the culmination of years of campaigning for a dedicated domestic legislation to deal with sexual offenses against children. Ten years is a reasonable period of time to look back and reflect on how far it has been able to meet the objectives it set out to achieve.

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Going forward, the government and the judiciary need to assess the gaps in implementation and strengthen the capacity of the various actors to meet the objectives of the Act.

SubQuestion No : 24

Q.24 Select the most appropriate **ANTONYM** of the word 'incarcerate'.

- Ans
- 1. Reject
 - 2. Invite
 - 3. Commit
 - 4. Liberate

Comprehension:

Read the given passage and answer the questions that follow.

On 14 November 2022, the POCSO Act completed a decade of being on the statute books in India. When enacted, it marked the culmination of years of campaigning for a dedicated domestic legislation to deal with sexual offenses against children. Ten years is a reasonable period of time to look back and reflect on how far it has been able to meet the objectives it set out to achieve.

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Lessons learnt: Though the Act's implementation is far from perfect, the fact remains that the criminal justice system is more sensitive towards child victims today than it was a decade ago. Since some states are clearly performing better than others, certain best practices can be adopted by other states.

Going forward, the government and the judiciary need to assess the gaps in implementation and strengthen the capacity of the various actors to meet the objectives of the Act.

SubQuestion No : 25

Q.25 What is the view of the writer on one decade of the POCSO Act?

- Ans**
- 1. It has been a complete success in controlling crime against children.
 - 2. It has failed in protecting child victims.
 - 3. It has brought new problems to children who have become victims.
 - 4. It has made the criminal justice system more sensitive towards child victims.

Selection Post Examination Phase XII 2024

Exam Date	21/06/2024
Exam Time	5:15 PM - 6:15 PM
Subject	Selection Post Matriculation level

Section : General Intelligence

Q.1 If in a code language, 'EAR' is coded as JFW, and 'CUP' is coded as HZU, then what will 'LIGHT' be coded as?

- Ans
- 1. QNLMY
 - 2. JGEFR
 - 3. NKIJV
 - 4. ORTSG

Q.2 In a certain code language, 'driving is fun' is written as 'xe ru vt' and 'too much fun' is written as 'ru py re'. What is the code for 'fun' in that language?

- Ans
- 1. vt
 - 2. xe
 - 3. ru
 - 4. py

Q.3 Select the option that is related to the sixth letter-cluster in the same way as the first letter-cluster is related to the second letter-cluster and the third letter-cluster is related to the fourth letter-cluster.

OUTPUT : TUOTUP :: MUMBAI : MUMIAB :: ? : CUBTEK

- Ans
- 1. KBUECT
 - 2. KUBCET
 - 3. BUCKET
 - 4. BUKCET

Q.4 Select the correct combination of mathematical signs to sequentially replace * signs and to balance the given equation.

$$7 * 5 * (16 * 8 * 9) * 20$$

- Ans
- 1. -, +, x, ÷, =
 - 2. -, +, ÷, x, =
 - 3. ÷, -, x, +, =
 - 4. +, x, ÷, -, =

Q.5 Select the option that indicates the arrangement of the following words in a logical and meaningful order.

1. Drop
2. Ocean
3. Pond
4. Puddle
5. River

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

Q6 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:

- 1) Some drinks are juices.
- 2) Some juices are sodas.
- 3) All sodas are cocktails.

Conclusions:

- I. No drink is a soda.
- II. At least some juices are cocktails.

- 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

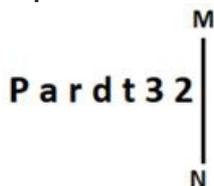
Q7 In a code language, 'chef cooks food' is written as 'Bb Cc Ee', 'food is healthy' is written as 'Cc Pp Mm', and 'chef eats healthy' is written as 'Pp Jj Ee'. What is the code for the word 'cooks' in that language?

- Ans
- ✗ 1. Cc
 - ✓ 2. Bb
 - ✗ 3. Jj
 - ✗ 4. Ee

Q8 Which of the following numbers will replace the question marks (?) in the given series?
320, 225, 178, 155, 144, ?

- Ans
- ✓ 1. 139
 - ✗ 2. 136
 - ✗ 3. 138
 - ✗ 4. 140

Q9 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ✗ 1. P a r q t 3 2
 - ✓ 2. P a r q t 3 2
 - ✗ 3. P a r d t 3 2
 - ✗ 4. P a r q t 3 2

Q.10 In a certain code language, TRUST is written as UTXWY and GROUP is written as HTRYU. How will VISIT be written in that language?

- Ans
- 1. WLUNY
 - 2. WKVMY
 - 3. WKUNZ
 - 4. XKUNY

Q.11 Which of the following letter-clusters will replace the question mark (?) in the given series?
UVDE, WXFG, YZHI, ?, CDLM

- Ans
- 1. ABIK
 - 2. ABJK
 - 3. CDJK
 - 4. BAJK

Q.12 'X # Y' means 'X is the wife of Y',
'X \$ Y' means 'X is the daughter of Y',
'X @ Y' means 'X is the brother of Y',
'X & Y' means 'X is the father of Y',
'X × Y' means 'X is the sister of Y'.
If 'I @ H \$ F # D & L # K @ O', then how is I related to L?

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

Q.13 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

I _ _ I G O _ N D _ G O I N _ _ G O _ N _ I _ _

- Ans
- 1. NDIIIDGO
 - 2. NDIDIIIGON
 - 3. DNIGOINDNO
 - 4. INGODIIGON

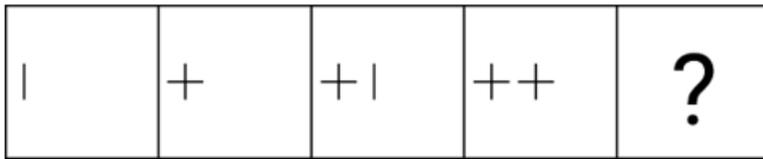
Q.14 In a code language, 'TRUST' is written as 'UQVRU' and 'FAITH' is written as 'GZJSI'. How will 'LOVELY' be written in that language?

- Ans
- 1. MNWDMZ
 - 2. MPUFKX
 - 3. KPUFKZ
 - 4. MNWDMX

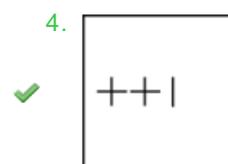
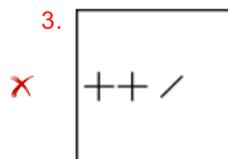
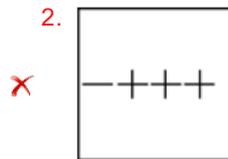
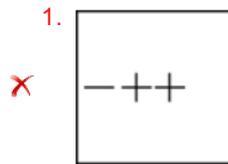
Q.15 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $18 \div 3 + 12 \times 6 - 4 = ?$

- Ans
- 1. 38
 - 2. 48
 - 3. 56
 - 4. 42

Q.16 Identify the figure given in the options which when put in place of ? will logically complete the series.



Ans



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. Some lotuses are daisies.

II. No daisy is a rose.

III. All thorns are roses.

Conclusions:

I. No thorn is a daisy.

II. Some roses are lotuses.

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

Q.18 Which of the following letter-clusters will replace the question mark (?) in the given series?
PTPA, OSOB, NRNC, ?, LPLE

- Ans
1. MQMC
2. MQMD
3. MQND
4. NQMD

Q.19 In a certain code language, HONEY is coded as SLMVB and PRESIDENT is coded as KIVHRWVMG. What is the code for SPIDER?

- Ans
- 1. HKRWVI
 - 2. TQJEFS
 - 3. URKFGT
 - 4. REDIPS

Q.20 In a certain code language, 'STUD' is coded as '8469', and 'MUST' is coded as '9764'. What is the code for 'M' in that language?

- Ans
- 1. 9
 - 2. 6
 - 3. 8
 - 4. 7

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.

MASTER : AMTSRE :: SEARCH : ESRAHC :: PEOPLE : ?

- Ans
- 1. PEPOEL
 - 2. EPPOEL
 - 3. EPPEOL
 - 4. EPOPLE

Q.22 Which option represents the correct order of the given words as they would appear in English dictionary?

1. GENUINE
2. GENERAL
3. GENTRY
4. GENTLE
5. GENERATE

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

Q.23 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 mother of B'; and
 'A # B' means 'A is the father of B'.
 If N % M # R @ L & K, then how is M related to K?

- Ans
- 1. Mother
 - 2. Brother
 - 3. Father
 - 4. Son

Q.24 Which of the following terms will replace the question mark (?) in the given series?

YVQJ, VSOI, SPMH, ?, MJIF

- Ans
- 1. PNLH
 - 2. PMKI
 - 3. PMKG
 - 4.>NNLH

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

4867 : 9574 :: 635 : 473 :: 573 : ?

- Ans
- 1. 618
 - 2. 592
 - 3. 374
 - 4. 746

Section : General Awareness

Q.1 Who has the power to prorogue the House or either House of State Legislature from time to time?

- Ans
- 1. Speaker
 - 2. Chief Minister
 - 3. Chairman
 - 4. Governor

Q.2 Which of the following agencies is responsible for the operation and maintenance of the Hazira- Vijaypur- Jagdishpur pipeline?

- Ans
- 1. Gas Authority of India Limited
 - 2. Indian Oil Corporation Limited
 - 3. Oil and Natural Gas Commission
 - 4. Hindustan Petroleum Corporation Limited

Q.3 Which is a colourless, odourless gas of the alkane series of hydrocarbons with a chemical formula of C_3H_8 ?

- Ans
- 1. Butane
 - 2. Pentane
 - 3. Propane
 - 4. Ethane

Q.4 Who among the following got defeated by Babur at Chanderi in 1528?

- Ans
- 1. Medini Rai
 - 2. Chandrasen Rathore
 - 3. Durgadas Rathore
 - 4. Prithviraj Chauhan

Q.5 In which year was the Jammu and Kashmir Legislative Council abolished?

- Ans
- 1. 2019
 - 2. 2017
 - 3. 2018
 - 4. 2020

- Q.6 Which of the following statements are true regarding the Delhi Municipal Corporation (Amendment) Bill, 2022?
1. The Delhi Municipal Corporation (Amendment) Bill, 2022 was introduced in Lok Sabha on 25 March 2022.
 2. The Bill seeks to amend the Delhi Municipal Corporation Act, 1967 passed by the Parliament.
 3. The Bill replaces the three municipal corporations under the Act with one corporation named the Municipal Corporation of Delhi.
 4. The Bill states that the total number of seats in the new corporation should not be more than 250.

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

- Q.7 Which vitamin prevents the neural tube defect in new-born babies?

Ans 1. Ascorbic acid
 2. Riboflavin
 3. Folic acid
 4. Niacin

- Q.8 Which of the following articles deal with Directive Principles of State Policy?

Ans 1. Article 38-53
 2. Article 39-55
 3. Article 36-51
 4. Article 37-52

- Q.9 Who among the following was the guru of Tansen?

Ans 1. Makarand Mishra
 2. Abul Fazal
 3. Swami Haridasa
 4. Shaukat Mian

- Q.10 Which of the following classical dance forms of India is a blend of dance, music and acting and dramatises stories, which are mostly adapted from the Indian epics?

Ans 1. Kathak
 2. Odissi
 3. Kathakali
 4. Manipuri

- Q.11 Identify a type of season that is NOT a part of the four seasons of India.

Ans 1. The hot weather season
 2. The southwest monsoon season
 3. The cold weather season
 4. The southeast monsoon season

- Q.12 What is density of population in NCT of Delhi as per the 2011 Census?

Ans 1. 11,342
 2. 10,265
 3. 10,567
 4. 11,320

Q.13 In which of the following years, was the Self-Respect movement started in Tamil Nadu region?

- Ans
- 1. 1925
 - 2. 1930
 - 3. 1910
 - 4. 1916

Q.14 Libero, a special player, plays in which of the following sports?

- Ans
- 1. Basketball
 - 2. Volleyball
 - 3. Football
 - 4. Handball

Q.15 The All-India Muslim League, popularly known as the Muslim League, was founded in _____.

- Ans
- 1. 1906
 - 2. 1910
 - 3. 1904
 - 4. 1908

Q.16 Who launched the Capacity Building Plan (CBP) for Government Employees in September 2023?

- Ans
- 1. Dr. Mahendra Nath Pandey
 - 2. Dr. Virendra Kumar
 - 3. Dr. Subhas Sarkar
 - 4. Dr Jitendra Singh

Q.17 Guntapalle Chaitya Buddhist cave is situated in which of the following states?

- Ans
- 1. Maharashtra
 - 2. Bihar
 - 3. Himachal Pradesh
 - 4. Andhra Pradesh

Q.18 Gloves are NOT used in which of the following sports?

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

Q.19 Who authored the autobiography 'The Race of My Life'?

- Ans
- 1. PT Usha
 - 2. Milkha Singh
 - 3. Dutee Chand
 - 4. Mohinder Singh Gill

Q.20 According to Hindu calendar, on which day does Holika Dahan take place?

- Ans
- 1. Phalgun Poonnima
 - 2. Phalgun Amawasya
 - 3. Chaitra Pratipada
 - 4. Chaitra Poonnima

Q.21 The Durg-Bastar-Chandrapur iron ore belt lies in _____ states.

- Ans
- 1. Chhattisgarh and Maharashtra
 - 2. Chhattisgarh and Jharkhand
 - 3. Maharashtra and Karnataka
 - 4. Maharashtra and Telangana

Q.22 Who requested the Syrian king to send a Greek philosopher?

- Ans
- 1. Kunal
 - 2. Chandragupta Maurya
 - 3. Bindusara
 - 4. Ashok

Q.23 Foods like pizza, burger are rich in:

- Ans
- 1. carbohydrates
 - 2. Minerals
 - 3. proteins
 - 4. Vitamins

Q.24 What is the Neonatal Mortality Rate (per 1000 live births) as per the fifth round of National Family Health Survey (NFHS) conducted by Ministry of Health and Family Welfare (MoHFW) during the year 2019-21?

- Ans
- 1. 19.4
 - 2. 20.1
 - 3. 24.9
 - 4. 58.5

Q.25 In December 2022, the Union Agriculture Ministry formed an advisory group for streamlining the development of the bamboo sector. Who among the following approved the committee?

- Ans
- 1. Narendra Singh Tomar
 - 2. Bhagwat Kishanrao Karad
 - 3. Pankaj Chaudhary
 - 4. Ajay Seth

Section : Quantitative Aptitude

Q.1 The profit earned after selling a bucket for ₹680 is the same as the loss incurred after selling the bucket for ₹532. The cost price (in ₹) of the bucket is:

- Ans
- 1. 612
 - 2. 610
 - 3. 618
 - 4. 606

Q.2 Ram goes to his office from his house at a speed of 8 km/h and returns at a speed of 2 km/h. If he takes four hours in going and coming back, find the distance between the house and the office.

- Ans
- 1. 7.4 km
 - 2. 6.4 km
 - 3. 6.3 km
 - 4. 5.3 km

Q3 The volume of a cuboid is twice the volume of a cube. If the dimensions of the cuboid are 12 cm, 16 cm and 18 cm, then the total surface area of the cube is:

- Ans
- 1. 864 cm²
 - 2. 484 cm²
 - 3. 764 cm²
 - 4. 625 cm²

Q4 What must be the total percentage change in the volume of a cuboid if its length and breadth are decreased by 10% and 20%, respectively, while its height is increased by 40%?

- Ans
- 1. 1.8% decrease
 - 2. 0.8% increase
 - 3. 0.8% decrease
 - 4. 1.8% increase

Q5 Prakash and Avinash can complete a work in 24 days. If Prakash alone can complete it in 48 days, then in how many days can Avinash alone complete the work?

- Ans
- 1. 24
 - 2. 40
 - 3. 48
 - 4. 36

Q6 The marked price of an electronic weighing machine in a store is ₹1,220 and it is available at a discount of 15%. What is the price (in ₹) at which a customer can buy it from the store?

- Ans
- 1. 1,041
 - 2. 1,039
 - 3. 1,037
 - 4. 1,035

Q7 Which of the following is a condition of divisibility of a number by six?

- Ans
- 1. Sum of digits is divisible by 3 and last digit is even
 - 2. Sum of digits is divisible by 6
 - 3. Last digit is 3 or 6
 - 4. Sum of digits is divisible by 3 and first digit is even

Q8 The mean proportion of 0.06 and 0.96 is:

- Ans
- 1. 0.48
 - 2. 0.51
 - 3. 0.26
 - 4. 0.24

Q9 A sum of money invested at simple interest amounts to ₹1,01,264 in 3 years and to ₹1,01,654 in 4 years. What was the sum invested (in ₹)?

- Ans
- 1. 1,00,094
 - 2. 2,01,094
 - 3. 1,01,094
 - 4. 1,00,194

Q.10 A boat covers a distance of 72 km downstream in 6 hours, while it takes 12 hours to cover the same distance upstream. What is the speed of the boat?

- Ans
- 1. 6 km/h
 - 2. 9 km/h
 - 3. 10 km/h
 - 4. 8 km/h

Q.11 The largest 4-digit number that is exactly divisible by 88 is:

- Ans
- 1. 8888
 - 2. 9988
 - 3. 9848
 - 4. 9768

Q.12 In a 300 m race, A beats B by 22.5 m or 6 seconds. Which of the following options is equal to B's time over the course?

- Ans
- 1. 80 sec
 - 2. 82 sec
 - 3. 30 sec
 - 4. 300 sec

Q.13 A grocer has 15 kg of sugar at ₹45 per kg. How much sugar at ₹34.5 per kg should she add to it, so that the mixture is worth ₹38 per kg?

- Ans
- 1. 32 kg
 - 2. 28 kg
 - 3. 35 kg
 - 4. 30 kg

Q.14 In a business, R invests ₹65,000 and he gets a total ₹80,000 back. Out of profit, ₹2,000 are spent as expenses of the business. What is his profit from the business in percentage?

- Ans
- 1. 20%
 - 2. 22%
 - 3. 18%
 - 4. 25%

Q.15 There is a large cone with a diameter of 14m and height of 12m. It is being filled with water at a rate of 2 m³ in every 20 seconds. How long will it take to fill the cone?

- Ans
- 1. 12320 sec
 - 2. 616 sec
 - 3. 6160 sec
 - 4. 313 sec

Q.16 ₹4,800 is divided among Ram, Shyam and Mohan in the ratio of 3 : 4 : 5. Who gained most of the money and how much?

- Ans
- 1. Mohan ₹2,000
 - 2. Ram ₹2,200
 - 3. Shyam ₹2,000
 - 4. Shyam ₹2,500

Q.17 In a discount scheme, there is a 38% discount on the marked price of Rs.1,250, but the sale is done at Rs.434 only, then what additional discount did the customer get?

- Ans
- 1. 40%
 - 2. 58%
 - 3. 48%
 - 4. 44%

Q.18 A shopkeeper purchased an article for ₹7,200 and spent 9% of its cost on repairs. He sold it to Rajan for ₹8,100. What was the profit percentage on selling the article? (Rounded off to 2 decimal places)

- Ans
- 1. 3.12%
 - 2. 3.21%
 - 3. 2.91%
 - 4. 12.5%

Q.19 The average of runs of a cricket player in 12 innings was 42. How many runs must he make in his next innings to increase his average of runs by 2?

- Ans
- 1. 78
 - 2. 68
 - 3. 64
 - 4. 72

Q.20 The simple interest on a certain sum is one-fifth of the sum and the interest rate per cent per annum is 3.2 times the number of years. If the rate of interest increases by 4%, then the simple interest (in ₹) on ₹7,500 for 4 years is:

- Ans
- 1. 3,000
 - 2. 2,500
 - 3. 3,600
 - 4. 5,100

Q.21 A train starts from station P with 'n' number of passengers. At station Q, 20% of the passengers get down and 50 passengers get in. At station R, 40% of the passengers get down and 10 passengers get in. If a total of 520 passengers are left on the train, find the value of 'n'.

- Ans
- 1. 1000
 - 2. 855
 - 3. 750
 - 4. 975

Q.22 The height of a solid cylinder is 4 times its radius. Its curved surface area is _____ times its base area.

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

Q.23 A sum was put at simple interest at a certain rate for 4 years. Had it been put at 5% higher rate, it would have fetched ₹520 more. Find the sum.

- Ans
- 1. ₹2,200
 - 2. ₹2,600
 - 3. ₹2,000
 - 4. ₹2,400

Q.24 Antara's monthly income is ₹96,000, while Barnali's monthly income is ₹1,10,000. If $y\%$ of Barnali's income is equal to 55% of Antara's monthly income, find the value of y .

- Ans
- 1. 52
 - 2. 48
 - 3. 44
 - 4. 45

Q.25 A truck driver drove for 4 hours at 40 km/h. He drove for another 3 hours at 50 km/h after taking rest for 1 h. What was the driver's average speed, in km/h, during the whole journey?

- Ans
- 1. 38.75
 - 2. 40
 - 3. 36.50
 - 4. 39.25

Section : English Language

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

She is preparing the presentation for the meeting.

- Ans
- 1. The presentation by her is being prepared for the meeting.
 - 2. She is being prepared the presentation for the meeting.
 - 3. The presentation is being prepared by her for the meeting.
 - 4. The presentation is preparing by her for the meeting.

Q.2 Select the correctly spelt word and fill the blank.

The Amish community believes in _____ .

- Ans
- 1. austerity
 - 2. austarity
 - 3. auasterity
 - 4. auisterity

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

She was engaged to be married to him.

- Ans
- 1. betrothed
 - 2. betrayed
 - 3. bestowed
 - 4. baptised

Q.4 Select the most appropriate synonym of the given word.
Insolent

- Ans
- 1. Dignified
 - 2. Disrespectful
 - 3. Dutiful
 - 4. Humble

Q.5 Select the most appropriate ANTONYM of the given word.

Occupied

- Ans
- 1. Filled
 - 2. Vacant
 - 3. Overflowed
 - 4. Closed

Q.6 Select the most appropriate option that can substitute the underlined segment in the given sentence.
You have hurt so many people. Now, it is time to get a taste of your own medicine.

- Ans
- 1. to be treated the way you have treated others
 - 2. to benefit from two different opportunities
 - 3. to be in a risky situation
 - 4. to lose control in a situation

Q.7 Select the option that can be used as a one-word substitute for the underlined word.

Ms Marry is abarbarous lady.

- Ans
- 1. calm
 - 2. dull
 - 3. brutal
 - 4. matured

Q.8 Choose the sentence that contains correct spellings.

- Ans
- 1. Esha resimbles her mother very much.
 - 2. Esha risimbles her mother very much.
 - 3. Esha resembles her mother very much.
 - 4. Esha risembles her mother very much.

Q.9 Select the option that expresses the given sentence in indirect speech.

Sudha said, 'Vivek arrived on Friday.'

- Ans
- 1. Sudha said that Vivek was being arrived on Friday.
 - 2. Sudha said that Vivek had been arrived on Friday.
 - 3. Sudha said that Vivek arrives on Friday.
 - 4. Sudha said that Vivek had arrived on Friday.

Q.10 Select the most appropriate meaning of the given idiom.
Apple of discord

- Ans
- 1. Matter of dispute
 - 2. Disruption of communication
 - 3. Solution of dispute
 - 4. Cause of happiness

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

A judgement or verdict that a person is not guilty of the crime with which he has been charged

- Ans
- 1. Appellant
 - 2. Petition
 - 3. Acquittal
 - 4. Writ

Q.12 Select the INCORRECTLY spelt word in the options given below.

- Ans
- 1. Nesessity
 - 2. Successfully
 - 3. Instantaneous
 - 4. Ambitious

Q.13 Select the most appropriate synonym of the given word.

Embezzlement

- Ans
- 1. Management
 - 2. Disposition
 - 3. Confusion
 - 4. Misappropriation

Q.14 Select the most appropriate option to fill in the blank.

Drug addiction is fatal _____ of therapy, which includes therapies, counselling, medications, and rehab facilities.

- Ans
- 1. careless
 - 2. instead
 - 3. nonetheless
 - 4. regardless

Q.15 Select the most appropriate synonym of the given word.

Enormous

- Ans
- 1. Little
 - 2. Large
 - 3. Tiny
 - 4. Small

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.

Vijayanagara or "city of victory" was the _____1_____ of both a city and an empire. The empire was _____2_____ in the fourteenth century. In its heyday, it _____3_____ from the river Krishna in the north to the extreme south of the peninsula. In 1565 the city was sacked and _____4_____ deserted. Although it fell into ruin in the seventeenth-eighteenth centuries, it lived on in the memories of people living in the Krishna-Tungabhadra doab. They remembered it as Hampi, a name _____5_____ from that of the local mother goddess, Pampadevi.

SubQuestion No : 16

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

- Ans
- 1. name
 - 2. mark
 - 3. sign
 - 4. label

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.

Vijayanagara or "city of victory" was the _____1_____ of both a city and an empire. The empire was _____2_____ in the fourteenth century. In its heyday, it _____3_____ from the river Krishna in the north to the extreme south of the peninsula. In 1565 the city was sacked and _____4_____ deserted. Although it fell into ruin in the seventeenth-eighteenth centuries, it lived on in the memories of people living in the Krishna-Tungabhadra doab. They remembered it as Hampi, a name _____5_____ from that of the local mother goddess, Pampadevi.

SubQuestion No : 17

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

- Ans 1. founded
 2. begun
 3. Implanted
 4. discovered

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.

Vijayanagara or "city of victory" was the _____1_____ of both a city and an empire. The empire was _____2_____ in the fourteenth century. In its heyday, it _____3_____ from the river Krishna in the north to the extreme south of the peninsula. In 1565 the city was sacked and _____4_____ deserted. Although it fell into ruin in the seventeenth-eighteenth centuries, it lived on in the memories of people living in the Krishna-Tungabhadra doab. They remembered it as Hampi, a name _____5_____ from that of the local mother goddess, Pampadevi.

SubQuestion No : 18

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

- Ans 1. stretched
 2. started
 3. strained
 4. magnified

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.

Vijayanagara or "city of victory" was the _____1_____ of both a city and an empire. The empire was _____2_____ in the fourteenth century. In its heyday, it _____3_____ from the river Krishna in the north to the extreme south of the peninsula. In 1565 the city was sacked and _____4_____ deserted. Although it fell into ruin in the seventeenth-eighteenth centuries, it lived on in the memories of people living in the Krishna-Tungabhadra doab. They remembered it as Hampi, a name _____5_____ from that of the local mother goddess, Pampadevi.

SubQuestion No : 19

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

- Ans 1. accidentally
 2. previously
 3. presently
 4. subsequently

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.

Vijayanagara or "city of victory" was the _____ 1 _____ of both a city and an empire. The empire was _____ 2 _____ in the fourteenth century. In its heyday, it _____ 3 _____ from the river Krishna in the north to the extreme south of the peninsula. In 1565 the city was sacked and _____ 4 _____ deserted. Although it fell into ruin in the seventeenth-eighteenth centuries, it lived on in the memories of people living in the Krishna-Tungabhadra doab. They remembered it as Hampi, a name _____ 5 _____ from that of the local mother goddess, Pampadevi.

SubQuestion No : 20

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

- Ans 1. designed
 2. derived
 3. extracted
 4. collected

Comprehension:

Read the given passage and answer the questions that follow.

An economic theory backed by considerable evidence is that incomes of countries and regions tend to converge over time. The underlying logic is that areas with low-hanging fruit tend to attract capital and other resources that allow them to catch up. India's region might be an exception to this trend. A national survey on incomes by economic thinktank 'Price' shows that the gap between states in southern and western India and many of those in the north, central and east is wide. The worrying part is that it's diverging.

Consider the per capita incomes of Bihar and Karnataka in 1989-90, the eve of economic liberation. Karnataka's per capita income at ₹2,055 a year was almost two times that of Bihar. In 2019-20, the last pre-pandemic year, the gap had widened to over five times with Bihar's annual per capita income at ₹29,794 and that of Karnataka at ₹1,55,869. This trend generally holds across states, with the west and south of India pulling away from eastern and central Indian states such as UP and MP. A 2016 paper by IDFC institute observed that India is the only major economy bucking the trends of subnational convergence.

India's fiscal architecture and related institutions such as Finance Commission are designed to mitigate the fall out of the gap by allocating the divisible pool of taxes in a manner that brings about a degree of equity between states. However, a combination of economic and fertility divergences makes for an explosive mix. Government of India has projected a national population increase of 311 million between 2011 and 2036. Of this increase, only 9% will come from the five southern states, which the Price survey shows, currently contribute 30% of national income with 20% of the population.

These trends are playing out in the backdrop of an impending delimitation of political constituencies that can widen fault lines. India's subnational economic divergence is a trend that deserves more study and policy attention. A lopsided economic structure usually has consequences that ripple out into other areas. Convergence is the only answer to it.

SubQuestion No : 21

Q.21 According to the government of India, what is the expected increase of population by 2036?

- Ans 1. 112 million
 2. 113 million
 3. 211 million
 4. 311 million

Comprehension:

Read the given passage and answer the questions that follow.

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SubQuestion No : 22

Q.22 Select the most appropriate **ANTONYM** of the given word.

Fertility

- Ans
- 1. Innovation
 - 2. Dryness
 - 3. Fruitfulness
 - 4. Tenderness

Comprehension:

Read the given passage and answer the questions that follow.

An economic theory backed by considerable evidence is that incomes of countries and regions tend to converge over time. The underlying logic is that areas with low-hanging fruit tend to attract capital and other resources that allow them to catch up. India's region might be an exception to this trend. A national survey on incomes by economic thinktank 'Price' shows that the gap between states in southern and western India and many of those in the north, central and east is wide. The worrying part is that it's diverging.

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These trends are playing out in the backdrop of an impending delimitation of political constituencies that can widen fault lines. India's subnational economic divergence is a trend that deserves more study and policy attention. A lopsided economic structure usually has consequences that ripple out into other areas. Convergence is the only answer to it.

SubQuestion No : 23

Q.23 Which of the following statements is NOT true according to the passage?

- Ans**
- ✓ 1. The per capita income of all states is the same.
 - ✗ 2. India is the principal economy resisting the trends of subnational convergence.
 - ✗ 3. India's subnational economic divergence deserves more study and policy attention.
 - ✗ 4. In 2019-20, the per capita of Karnataka was five times higher than that of Bihar.

Comprehension:

Read the given passage and answer the questions that follow.

An economic theory backed by considerable evidence is that incomes of countries and regions tend to converge over time. The underlying logic is that areas with low-hanging fruit tend to attract capital and other resources that allow them to catch up. India's region might be an exception to this trend. A national survey on incomes by economic thinktank 'Price' shows that the gap between states in southern and western India and many of those in the north, central and east is wide. The worrying part is that it's diverging.

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India's fiscal architecture and related institutions such as Finance Commission are designed to mitigate the fall out of the gap by allocating the divisible pool of taxes in a manner that brings about a degree of equity between states. However, a combination of economic and fertility divergences makes for an explosive mix. Government of India has projected a national population increase of 311 million between 2011 and 2036. Of this increase, only 9% will come from the five southern states, which the Price survey shows, currently contribute 30% of national income with 20% of the population.

These trends are playing out in the backdrop of an impending delimitation of political constituencies that can widen fault lines. India's subnational economic divergence is a trend that deserves more study and policy attention. A lopsided economic structure usually has consequences that ripple out into other areas. Convergence is the only answer to it.

SubQuestion No : 24

Q.24 According to the passage, which of the following statements is correct?

- Ans**
- 1. In 1989-90, Karnataka's per capita income was equal to that of Bihar's.
 - 2. In 1989-90, Bihar's per capita income was higher than that of Karnataka's.
 - 3. In 1989-90, Karnataka's per capita income was higher than that of the other southern states.
 - 4. In 1989-90, Karnataka's per capita income was higher than that of Bihar's.

Comprehension:

Read the given passage and answer the questions that follow.

An economic theory backed by considerable evidence is that incomes of countries and regions tend to converge over time. The underlying logic is that areas with low-hanging fruit tend to attract capital and other resources that allow them to catch up. India's region might be an exception to this trend. A national survey on incomes by economic thinktank 'Price' shows that the gap between states in southern and western India and many of those in the north, central and east is wide. The worrying part is that it's diverging.

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SubQuestion No : 25

Q.25 Select the most appropriate title for the given passage.

- Ans**
- 1. The Poor and their Income
 - 2. Population in India
 - 3. Statistics of the Union of India
 - 4. Indian Politics

Selection Post Examination Phase XII 2024

Exam Date	21/06/2024
Exam Time	9:00 AM - 10:00 AM
Subject	Selection Post Matriculation level

Section : General Intelligence

Q1 In a certain code language, 'MUTUAL' is written as 'OXVXCO' and 'REASON' is written as 'THCVQQ'. How will 'SERIES' be written in that language?

- Ans
- 1. UHTKHU
 - 2. VHTKHW
 - 3. UHTLGV
 - 4. VHTKGU

Q2 Select the number from among the given options that can replace the question mark (?) in the following series.
13, ?, 25, 37, 53, 73

- Ans
- 1. 21
 - 2. 19
 - 3. 15
 - 4. 17

Q3 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?
 $(14 \div 2) - (16 \times 4) + 12 = ?$

- Ans
- 1. 25
 - 2. 16
 - 3. 32
 - 4. 20

Q4 Which two numbers (not individual digits) should be interchanged to make the given equation correct?

$$3 \times 9 \times 7 - 18 \times 4 + (72 \div 8) - 21 = 186$$

- Ans
- 1. 3 and 4
 - 2. 18 and 21
 - 3. 9 and 8
 - 4. 7 and 4

Q5 Select the option that represents the letters that, when sequentially placed in the blanks below, will complete the letter-series.
kr_om_kry_mt_ _yom_kryo_t

- Ans
- 1. tkyromk
 - 2. tykormt
 - 3. ytkrotm
 - 4. ytokrtm

Q6 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 fact is a truth.

II. No truth is a detail.

III. Some details are points.

Conclusions:

I. Some points are facts.

II. No point is a truth.

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

Q7 Which option represents the correct order of the given words as they would appear in an English dictionary?

1. FEARED

2. FAIRER

3. FIRED

4. FERRIED

5. FARED

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

Q8 In a certain code language, 'BREWING' is written as 'CIFDJMH' and 'ANCIENT' is written as 'BMDRFMU'. How will 'MUSEUMS' be written in that language?

- Ans
- 1. HITUOPL
 - 2. BADGGIU
 - 3. NFTVVNT
 - 4. MULCSPE

Q9 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1 Country

2 City

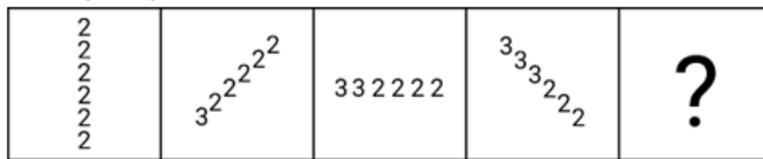
3 Town

4 State

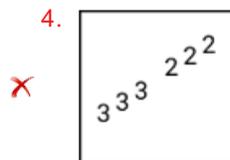
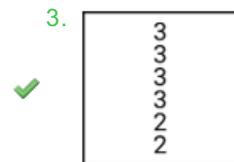
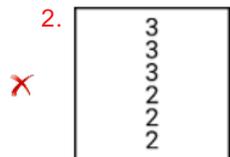
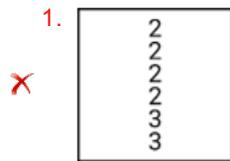
5 District

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

Q.10 Identify the figure given in the options which when put in place of ? will logically complete the series.



Ans



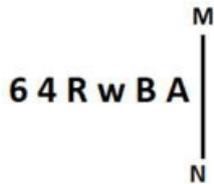
Q.11 'A + B' means 'A is the mother of B',
 'A ÷ B' means 'A is the husband of B',
 'A & B' means 'A is the wife of B',
 'A × B' means 'A is the sister of B',
 'A - B' means 'A is the son of B'.
 If 'H - D + C × B ÷ A + X', then how is D related to X?

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

Q.12 Which of the following letter-clusters will replace the question mark (?) in the given series?
 IQAF, JRBG, KSCH, ?, MUEJ

- Ans 1. MTDI
 2. LTDI
 3. KTDI
 4. LTCJ

Q.13 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- ✓ 1. A B w R 6 4
 - ✗ 2. A B w R 6 4
 - ✗ 3. A B w R 6 4
 - ✗ 4. A B w R 6 4

Q.14 Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.
 $27 : 9 :: 125 : 25 :: 64 : ?$

- Ans
- ✗ 1. 13
 - ✓ 2. 16
 - ✗ 3. 21
 - ✗ 4. 23

Q.15 In a certain code language, 'CONTEXT' is written as 'DNOSFWU' and 'OUTLOOK' is written as 'PTUKPNL'. How will 'CLIMATE' be written in that language?

- Ans
- ✗ 1. EKJLCSE
 - ✓ 2. DKJLBSF
 - ✗ 3. EKJLCSG
 - ✗ 4. DKKLCSF

Q.16 In a certain code language,
 $R + T$ means 'R is the sister of T'.
 $R - T$ means 'R is the father of T'.
 $R * T$ means 'R is the wife of T'.
 $R \div T$ means 'R is the mother of T'.
 Based on the above, how is L related to S if ' $K - L \div P * Q - R + S * T$ '?

- Ans
- ✗ 1. Sister
 - ✓ 2. Mother's mother
 - ✗ 3. Wife
 - ✗ 4. Mother

Q.17 Which of the following terms will replace the question mark (?) in the given series?
 JPNH, IRMI, HTLJ, GVKK, ?

- Ans
- ✗ 1. EZJN
 - ✓ 2. FXJL
 - ✗ 3. EXJN
 - ✗ 4. FZJP

Q.18 In a certain code language, 'CUP' is coded as '45' and 'FIT' is coded as '50'. How will 'FUN' be coded in that language?

- Ans
- ✗ 1. 40
 - ✓ 2. 44
 - ✗ 3. 48
 - ✗ 4. 55

Q.19 In a certain code, TAPE is coded as WDSH and SACK is coded as VDFN. What is the code for MANY?

- Ans
- 1. PDQB
 - 2. PDBQ
 - 3. BDQP
 - 4. BQDP

Q.20 If ROW is coded as 3 and LAND is coded as 4, FRIGHTENED will be coded as _____.

- Ans
- 1. 15
 - 2. 10
 - 3. 25
 - 4. 20

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.

POWER : QOYEU :: FIRST : GITSW :: BEING : ?

- Ans
- 1. DFKNK
 - 2. CEKNJ
 - 3. CEJNK
 - 4. CFJNK

Q.22 In a code language, 'football and cricket' is written as 'aa dd ee', 'cricket is game' is written as 'ee rr ss', and 'football or cricket' is written as 'dd bb ee'. What is the code for the word 'or' in that language?

- Ans
- 1. dd
 - 2. ee
 - 3. ss
 - 4. bb

Q.23 Select the option that represents the letters that, when sequentially placed from left to right in the following blanks, will complete the letter-series.

P _ _ S H _ B K _ H P B _ S _ P B _ _ H

- Ans
- 1. BKPSKHKS
 - 2. BKPSKSKS
 - 3. KSBKPHKS
 - 4. KBSKPHKS

Q.24 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Shirt : Trouser :: Shoes : ?

- Ans
- 1. Leather
 - 2. Sandal
 - 3. Socks
 - 4. Polish

Q.25 Two 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:

- 1) All bottles are doors.
- 2) All doors are pens.

Conclusions:

- I. All doors are bottles.
- II. All pens are doors.

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

Section : General Awareness

Q.1 Article 171 deals with _____.

- Ans
- 1. qualifications of the Chief Minister of a State
 - 2. composition of the Legislative Councils
 - 3. qualifications of the Governor of a State
 - 4. composition of the Legislative Assembly

Q.2 Which of the following movement is known as first Satyagraha led by Mahatma Gandhi?

- Ans
- 1. Champaran movement
 - 2. Ahmedabad movement
 - 3. Kheda movement
 - 4. Quit India Movement

Q.3 In which of the following sports/games is the term 'checkmate' used?

- Ans
- 1. Volleyball
 - 2. Handball
 - 3. Chess
 - 4. Polo

Q.4 On which of the following component of chloroplast is chlorophyll arranged?

- Ans
- 1. Thylakoids
 - 2. Stroma
 - 3. Cell Membrane
 - 4. Matrix

Q.5 Who is the author of the poetry 'Chand Pukhraj Ka'?

- Ans
- 1. Shailendra
 - 2. Anand Bakshi
 - 3. Gurmel Singh
 - 4. Gulzar

Q.6 Ibn Battuta, who visited India during Delhi Sultanate, originally belonged to which country?

- Ans
- 1. Morocco
 - 2. Russia
 - 3. Egypt
 - 4. England

Q.7 Who called the preamble of the Indian Constitution 'The Political Horoscope of our Constitution'?

- Ans
- 1. Sir Alladi Krishnaswamy Iyer
 - 2. Dr. KM Munshi
 - 3. Sir Ernest Baker
 - 4. M. Hidayatullah

Q.8 A primitive form of cultivation called Bewar is practised in which state?

- Ans
- 1. Andhra Pradesh
 - 2. Madhya Pradesh
 - 3. Mizoram
 - 4. Odisha

Q.9 Which Olympian authored the book titled 'A Shot at History: My Obsessive Journey to Olympic Gold'?

- Ans
- 1. Abhinav Bindra
 - 2. PV Sindhu
 - 3. Leander Paes
 - 4. Mary Kom

Q.10 The festival of Ram Navami is celebrated in which of the following Hindu months?

- Ans
- 1. Kartik
 - 2. Falgun
 - 3. Magh
 - 4. Chaitra

Q.11 Which neighbouring country has assumed the chairmanship of the Indian Ocean Rim Association (IORA) from November 2021 to November 2023?

- Ans
- 1. Bangladesh
 - 2. Afghanistan
 - 3. Myanmar
 - 4. China

Q.12 Who was appointed as the chairman of the Insurance Regulatory and Development Authority of India (IRDAI) in March 2022?

- Ans
- 1. Debasish Panda
 - 2. Supratim Bandyopadhyay
 - 3. Rajesh Bhushan
 - 4. JB Mohapatra

Q.13 Henry Louis Vivian Derozio, a teacher at Hindu College, Calcutta, in the 1820s, promoted radical ideas and encouraged his pupils to question all authority. Referred to as the _____, his students attacked tradition and custom, demanded education for women and campaigned for the freedom of thought and expression.

- Ans
- 1. Young Bengal Movement
 - 2. Young Radical Movement
 - 3. Young Men's Movement
 - 4. Young Christian Movement

Q.14 The Constitution of India was adopted on 26th November in _____.

- Ans
- 1. 1950
 - 2. 1947
 - 3. 1949
 - 4. 1948

Q.15 Which crops are benefitted from the temperate cyclones arising from the Mediterranean Sea that cause rainfall in Punjab?

- Ans
- 1. Rabi crops
 - 2. Kharif crops
 - 3. Zaid crops
 - 4. Cash crops

Q.16 The All India MCC Murugappa Gold Cup Tournament in Chennai is held for which sport?

- Ans
- 1. Football
 - 2. Basketball
 - 3. Handball
 - 4. Hockey

Q.17 Which of the following statements are true regarding the Central Universities (Amendment) Bill, 2022?

1. The Central Universities (Amendment) Bill, 2022 was introduced in Lok Sabha on 1 August 2022.
2. The Bill amends the Central Universities Act, 2019, which provides for establishing central universities in various states.
3. The Bill seeks to convert the National Rail and Transportation Institute, Vadodara (a deemed university) to Gati Shakti Vishwavidyalaya, which will be a central university.
4. Establishment of the Vishwavidyalaya will address the need of trained talent in the transportation sector.

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

Q.18 At which place is Harappan Dockyard found?

- Ans
- 1. Amri
 - 2. Banawali
 - 3. Lothal
 - 4. Surkotada

Q.19 In which state is the Sambhar Salt Lake located?

- Ans
- 1. West Bengal
 - 2. Rajasthan
 - 3. Maharashtra
 - 4. Odisha

Q.20 'Lai Haraoba' is the earliest form of dance of which of the following classical dance forms of India?

- Ans
- 1. Kuchipudi
 - 2. Kathakali
 - 3. Manipuri
 - 4. Mohiniattam

Q.21 Bhabru-Bairat rock edicts mainly depicting Ashokas' conversion to Buddhism is found in _____.

- Ans
- 1. Uttar Pradesh
 - 2. Odisha
 - 3. Rajasthan
 - 4. Bihar

Q.22 Which chromosome is involved in the production of 'masked' mRNAs for early development?

- Ans
- 1. Lampbrush chromosome
 - 2. Sex chromosome
 - 3. Polytene chromosome
 - 4. Autosomal chromosome

Q.23 The main worker is a person who works for at least _____ days in a year.

- Ans
- 1. 115
 - 2. 145
 - 3. 183
 - 4. 167

Q.24 Which is the weakest intermolecular force, considered as the Van der Waals force, often found in halogens, noble gases and other non-polar molecules?

- Ans
- 1. Dipole– induced dipole forces
 - 2. Ion-dipole forces
 - 3. Dipole – dipole forces
 - 4. London dispersion forces

Q.25 As of December 2021, NPS and APY are the two flagship pension schemes of _____.

- Ans
- 1. PFRDA
 - 2. IIFCL
 - 3. NABARD
 - 4. PFC

Section : Quantitative Aptitude

Q.1 The percentage profit earned by selling an article for Rs.2,100 is equal to the percentage loss incurred by selling the same article for Rs.1,460. At what price should the article be sold to make 20% profit?

- Ans
- 1. Rs.2,056
 - 2. Rs.2,156
 - 3. Rs.2,136
 - 4. Rs.2,256

Q2 If the radius of a sphere is increased by 2 cm, its surface area increases by 704 cm^2 . What was the radius of the sphere before the increase? (Use $\pi = \frac{22}{7}$)

- Ans
- 1. 12 cm
 - 2. 11 cm
 - 3. 13 cm
 - 4. 14 cm

Q3 At a fitness club, 70% of the members are men and 30% of the members are women. If the average age of the men is 30 years and that of the women is 40 years, then what is the average age of all the members?

- Ans
- 1. 30 years
 - 2. 33 years
 - 3. 35 years
 - 4. 38 years

Q4 The monthly salaries of A and B together amount to ₹45,000. A spends 75% of his salary and B spends 80% of his salary. If now their savings are the same, then the salary of B (in ₹) is:

- Ans
- 1. 20,000
 - 2. 30,000
 - 3. 15,000
 - 4. 25,000

Q5 Find the average of the first 18 multiples of 9.

- Ans
- 1. 88.5
 - 2. 84.6
 - 3. 85.5
 - 4. 82.3

Q6 Mr Gogia invested an amount of ₹13,900 divided into two different schemes A and B at the simple interest rate of 14% pa and 11% pa, respectively. If the total amount of simple interest earned in 2 years is ₹3,508, what was the amount invested in scheme B?

- Ans
- 1. ₹6,500
 - 2. ₹7,200
 - 3. ₹7,500
 - 4. ₹6,400

Q7 On a deposit of ₹1,50,000, R gets ₹2,000 as interest on simple rate of interest in a year. How much amount (in ₹) should he deposit to get interest of ₹4,500?

- Ans
- 1. 2,77,500
 - 2. 3,37,500
 - 3. 4,25,500
 - 4. 3,77,500

Q8 A cube is having surface area of 5400 square units. Its volume would increase approximately _____ if the side is increased by 5 units.

- Ans
- 1. 45%
 - 2. 59%
 - 3. 55%
 - 4. 50%

Q.9 A shopkeeper marks the price of his goods at 20% higher than the cost price and allows a discount of 10%. What is his profit percentage?

- Ans
- 1. 10%
 - 2. 8%
 - 3. 4%
 - 4. 6%

Q.10 In an election between two candidates, 10% of the voters did not cast their vote and 5% of the votes polled were found invalid. The successful candidate got 55% of the valid votes and won by a majority of 1,710 votes. The number of voters enrolled on the voters list was:

- Ans
- 1. 21,000
 - 2. 20,000
 - 3. 19,000
 - 4. 18,000

Q.11 The price of a bike is first increased by 21% and later on, it is decreased by 34% due to reduction in sales. Find the net percentage change in the final price of the bike.

- Ans
- 1. Decrease of 13.25%
 - 2. Increase of 13.25%
 - 3. Increase of 20.14%
 - 4. Decrease of 20.14%

Q.12 Two trains, A and B started travelling towards each other at the same time, from places P to Q and Q to P, respectively. After crossing each other, A and B took 9 hours and 16 hours to reach Q and P, respectively. If the speed of A was 56 km/h, then what was the speed (in km/h) of B?

- Ans
- 1. 42
 - 2. 38
 - 3. 40
 - 4. 46

Q.13 The height of one cone is 3 times the height of another cone, while its radius is half of the radius of other cone. If their total volume is 100 unit³, then the difference in the volumes of the cones is _____ unit³.

- Ans
- 1. 13.4
 - 2. 15.5
 - 3. 12.5
 - 4. 14.3

Q.14 A recipe is made using cheese and butter in the ratio 4 : 3. If Arohi uses 8 bowls of cheese, how many bowls of butter should she use?

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

Q.15 By selling a mobile phone for ₹23,856, Ramesh gains 20%. If he sells it for ₹20,580, find his gain or loss percentage (correct to two places of decimals).

- Ans
- 1. Gain 5.32%
 - 2. Loss 5.32%
 - 3. Gain 3.52%
 - 4. Loss 3.52%

Q.16 Which of the following numbers is divisible by 11?

- Ans
- 1. 88,65,987
 - 2. 45,12,458
 - 3. 55,78,961
 - 4. 88,65,747

Q.17 To clear a stock of items, a seller gives an 8% discount on the marked price. He spends ₹x on the promotion of the discount offer. His total cost of the items is ₹2,50,000 and the marked price is 10% more than the cost price. Finally, he earns no profit or no loss. What is the value of x?

- Ans
- 1. 3000
 - 2. 6000
 - 3. 4500
 - 4. 7500

Q.18 The ratio of the salaries of S to F is 2 : 3 and the ratio of their savings is 3 : 4. What is the ratio of their expenditures if their total savings are equal to the salary of S?

- Ans
- 1. 8 : 13
 - 2. 7 : 15
 - 3. 7 : 12
 - 4. 8 : 15

Q.19 A dealer sells an article at a discount of 5% on the marked price. If the marked price is 20% above the cost price and the article was sold for ₹2,280, then the cost price would be:

- Ans
- 1. ₹2,500
 - 2. ₹2,000
 - 3. ₹3,500
 - 4. ₹3,000

Q.20 A drives for 2 hours, 2.5 hours, 3 hours, 2 hours and 2.5 hours in five days of a week, respectively. His speeds on these days are 45 km/h, 50 km/h, 60 km/h, 70 km/h and 80 km/h, respectively. What is his average speed for the week?

- Ans
- 1. 60.8 km/h
 - 2. 61.25 km/h
 - 3. 68.02 km/h
 - 4. 64.08 km/h

Q.21 If the number $3727x4$ is completely divisible by 8, then the smallest integer in place of x will be:

- Ans
- 1. 0
 - 2. 6
 - 3. 8
 - 4. 2

Q.22 In a 200-m race, if A gives B a head start of 35 m, then A wins the race by 20 sec. Alternatively, if A gives B a head start of 55 m, the race ends in a dead heat. How long does A take to run 200 m?

- Ans
- 1. 165 sec
 - 2. 145 sec
 - 3. 150 sec
 - 4. 155 sec

Q.23 In a 3000 m race, if vehicle A gives vehicle B a start of 400 m, then vehicle A wins the race by 10 s. If vehicle A gives vehicle B a start of 750 m, then the race ends in a dead heat. How long does vehicle A take to run 3000 m?

- Ans
- 1. 100 s
 - 2. 90.5 s
 - 3. 92.5 s
 - 4. 64.3 s

Q.24 A borrows ₹20,000 from B and C. B lends him a certain sum of money at 25% simple interest per annum, while C lends him the remaining sum of money at 21% simple interest per annum. The total interest paid by A in one year is ₹4,500. The sum (in ₹) borrowed from B is:

- Ans
- 1. 9,000
 - 2. 12,500
 - 3. 7,500
 - 4. 6,000

Q.25 If 108 workers can build a wall in 36 days, then in how many days can 48 workers build the same wall?

- Ans
- 1. 54
 - 2. 72
 - 3. 81
 - 4. 63

Section : English Language

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

Seclusion

- Ans
- 1. Solitude
 - 2. Readiness
 - 3. Involvement
 - 4. Tactics

Q.2 Select the INCORRECTLY spelt word.

- Ans
- 1. Appropriate
 - 2. Connoisseur
 - 3. Haphazard
 - 4. Diffusion

Q.3 Select the INCORRECTLY spelt word.

- Ans
- 1. Unreasonable
 - 2. Despondent
 - 3. Complimentary
 - 4. Impertinent

Q4 Select the option that can be used as a one-word substitute for the given group of words.

To move into or through something

- Ans
- 1. Penetrate
 - 2. Cross
 - 3. Perpetuate
 - 4. Transparent

Q5 Select the most appropriate option to fill in the blank.

Renewable energy is energy that is environment-friendly because it is _____ from renewable resources, that are naturally replenished.

- Ans
- 1. found
 - 2. construed
 - 3. deduced
 - 4. derived

Q6 Select the most appropriate ANTONYM of the given word.

Troublesome

- Ans
- 1. Planless
 - 2. Soulful
 - 3. Curious
 - 4. Obedient

Q7 Select the option that expresses the following sentence in passive voice.

The insect bit the little baby.

- Ans
- 1. The little baby has bitten by the insect.
 - 2. The little baby was bitten by the insect.
 - 3. The little baby had bitten by the insect.
 - 4. The little baby is bitten by the insect.

Q8 Select the sentence that uses the given idiom correctly.
Eat like a bird

- Ans
- 1. Nobody can eat with Jerry at the same table as he is so messy.
 - 2. Pinky is on a diet so she is too picky about the food she eats.
 - 3. The colonial powers colonised small countries by exploiting them and stealing their resources.
 - 4. Overeating is the most obvious reason for gaining weight quickly.

Q9 Select the most appropriate synonym of the given word.

Frisky

- Ans
- 1. Loose
 - 2. Playful
 - 3. Transient
 - 4. Memorable

Q10 Select the word which is INCORRECTLY spelt in the given sentence.

The opertunity cost of going with parents back to the village made Naman upset for almost the entire month.

- Ans
- 1. parents
 - 2. village
 - 3. opertunity
 - 4. almost

Q.11 Select the most appropriate meaning of the given idiom.
All Greek to me

- Ans
- 1. Something that is fancy and classy
 - 2. Something that is harmful to all
 - 3. Something that is not understandable
 - 4. Something that is ancient and classic

Q.12 Select the most appropriate ANTONYM of the given word.

Bold

- Ans
- 1. Valiant
 - 2. Gallant
 - 3. Timid
 - 4. Heroic

Q.13 Select the option that can be used as a one-word substitute for the given group of words.

The reasons or intentions that cause a particular set of beliefs or actions

- Ans
- 1. Thinkable
 - 2. Motive
 - 3. Rationale
 - 4. Practical

Q.14 Select the most appropriate synonym of the given word.
Felicity

- Ans
- 1. Happiness
 - 2. Fellow being
 - 3. Function
 - 4. Anguish

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

'I have been to Australia,' Amritha told me.

- Ans
- 1. Amritha told me that she had been to Australia.
 - 2. Amritha told me that she had being to Australia.
 - 3. Amritha told me that she has be to Australia.
 - 4. Amritha tell me that she has being to Australia.

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 internet has (1) _____ reshaped the way information is accessed and shared. With a vast array of websites and social media platforms, individuals can (2) _____ connect with others globally. However, this digital age also brings (3) _____ challenges. The spread of misinformation has become a (4) _____ issue, as false content can quickly gain traction. It is essential for users to (5) _____ assess the credibility of sources before believing and sharing information. In this era of rapid data dissemination, cultivating media literacy is of utmost importance.

SubQuestion No : 16

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

- Ans
- 1. discreetly
 - 2. significantly
 - 3. occasionally
 - 4. gradually

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 internet has (1) _____ reshaped the way information is accessed and shared. With a vast array of websites and social media platforms, individuals can (2) _____ connect with others globally. However, this digital age also brings (3) _____ challenges. The spread of misinformation has become a (4) _____ issue, as false content can quickly gain traction. It is essential for users to (5) _____ assess the credibility of sources before believing and sharing information. In this era of rapid data dissemination, cultivating media literacy is of utmost importance.

SubQuestion No : 17

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

- Ans
- 1. scarcely
 - 2. hesitantly
 - 3. periodically
 - 4. seamlessly

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 internet has (1) _____ reshaped the way information is accessed and shared. With a vast array of websites and social media platforms, individuals can (2) _____ connect with others globally. However, this digital age also brings (3) _____ challenges. The spread of misinformation has become a (4) _____ issue, as false content can quickly gain traction. It is essential for users to (5) _____ assess the credibility of sources before believing and sharing information. In this era of rapid data dissemination, cultivating media literacy is of utmost importance.

SubQuestion No : 18

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

- Ans
- 1. numerous
 - 2. abstract
 - 3. irrelevant
 - 4. intriguing

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 internet has (1) _____ reshaped the way information is accessed and shared. With a vast array of websites and social media platforms, individuals can (2) _____ connect with others globally. However, this digital age also brings (3) _____ challenges. The spread of misinformation has become a (4) _____ issue, as false content can quickly gain traction. It is essential for users to (5) _____ assess the credibility of sources before believing and sharing information. In this era of rapid data dissemination, cultivating media literacy is of utmost importance.

SubQuestion No : 19

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

- Ans
- 1. negligible
 - 2. soothing
 - 3. dormant
 - 4. pressing

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 internet has (1) _____ reshaped the way information is accessed and shared. With a vast array of websites and social media platforms, individuals can (2) _____ connect with others globally. However, this digital age also brings (3) _____ challenges. The spread of misinformation has become a (4) _____ issue, as false content can quickly gain traction. It is essential for users to (5) _____ assess the credibility of sources before believing and sharing information. In this era of rapid data dissemination, cultivating media literacy is of utmost importance.

SubQuestion No : 20

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

- Ans
- 1. meticulously
 - 2. reluctantly
 - 3. impulsively
 - 4. hesitantly

Comprehension:

Read the given passage and answer the question that follows.

Earth Day is an apt moment to consider how our planet, a majestic 4.54 billion years old, is faring. The statistics are not pleasing. Once covered in verdant green, FAO finds Earth has now lost one-third of its forests through human activity. WWF estimates such land-use changes have caused wildlife to decline by 69% in the last 50 years. The loss of natural eco-systems and their engineers, which includes birds, animals, insects and fungi, is literally drying up the world. The UN finds 75% of Earth's land is degraded while its oceans are 30% more acidic now, choked by plastic and chemical waste. Neither is the air pristine – as pollutants coat the skies, the World Economic Forum finds global CO₂ emissions rose in 2022 to a record high. Such CO₂ covers Earth in a sheath which doesn't let it release heat into space, trapping this in the atmosphere instead, making Earth 1.11 degrees warmer.

SubQuestion No : 21

Q.21 Who are the engineers NOT mentioned in the passage?

- Ans
- 1. Eggs
 - 2. Fungi
 - 3. Birds
 - 4. Insects

Comprehension:

Read the given passage and answer the question that follows.

Earth Day is an apt moment to consider how our planet, a majestic 4.54 billion years old, is faring. The statistics are not pleasing. Once covered in verdant green, FAO finds Earth has now lost one-third of its forests through human activity. WWF estimates such land-use changes have caused wildlife to decline by 69% in the last 50 years. The loss of natural eco-systems and their engineers, which includes birds, animals, insects and fungi, is literally drying up the world. The UN finds 75% of Earth's land is degraded while its oceans are 30% more acidic now, choked by plastic and chemical waste. Neither is the air pristine – as pollutants coat the skies, the World Economic Forum finds global CO₂ emissions rose in 2022 to a record high. Such CO₂ covers Earth in a sheath which doesn't let it release heat into space, trapping this in the atmosphere instead, making Earth 1.11 degrees warmer.

SubQuestion No : 22

Q.22 Select the most appropriate title for the given passage.

- Ans
- 1. Animals and Birds
 - 2. Earth and Nature
 - 3. Nature and Animals
 - 4. Earth and its Dangers

Comprehension:

Read the given passage and answer the question that follows.

Earth Day is an apt moment to consider how our planet, a majestic 4.54 billion years old, is faring. The statistics are not pleasing. Once covered in verdant green, FAO finds Earth has now lost one-third of its forests through human activity. WWF estimates such land-use changes have caused wildlife to decline by 69% in the last 50 years. The loss of natural eco-systems and their engineers, which includes birds, animals, insects and fungi, is literally drying up the world. The UN finds 75% of Earth's land is degraded while its oceans are 30% more acidic now, choked by plastic and chemical waste. Neither is the air pristine – as pollutants coat the skies, the World Economic Forum finds global CO₂ emissions rose in 2022 to a record high. Such CO₂ covers Earth in a sheath which doesn't let it release heat into space, trapping this in the atmosphere instead, making Earth 1.11 degrees warmer.

SubQuestion No : 23

Q.23 Select the tone of the passage.

- Ans
- 1. Narrative
 - 2. Entertaining
 - 3. Cautionary
 - 4. Persuasive

Comprehension:

Read the given passage and answer the question that follows.

Earth Day is an apt moment to consider how our planet, a majestic 4.54 billion years old, is faring. The statistics are not pleasing. Once covered in verdant green, FAO finds Earth has now lost one-third of its forests through human activity. WWF estimates such land-use changes have caused wildlife to decline by 69% in the last 50 years. The loss of natural eco-systems and their engineers, which includes birds, animals, insects and fungi, is literally drying up the world. The UN finds 75% of Earth's land is degraded while its oceans are 30% more acidic now, choked by plastic and chemical waste. Neither is the air pristine – as pollutants coat the skies, the World Economic Forum finds global CO₂ emissions rose in 2022 to a record high. Such CO₂ covers Earth in a sheath which doesn't let it release heat into space, trapping this in the atmosphere instead, making Earth 1.11 degrees warmer.

SubQuestion No : 24

Q.24 Who caused the loss of forests?

- Ans
- 1. People
 - 2. Realtors
 - 3. Animals
 - 4. Nature

Comprehension:

Read the given passage and answer the question that follows.

Earth Day is an apt moment to consider how our planet, a majestic 4.54 billion years old, is faring. The statistics are not pleasing. Once covered in verdant green, FAO finds Earth has now lost one-third of its forests through human activity. WWF estimates such land-use changes have caused wildlife to decline by 69% in the last 50 years. The loss of natural eco-systems and their engineers, which includes birds, animals, insects and fungi, is literally drying up the world. The UN finds 75% of Earth's land is degraded while its oceans are 30% more acidic now, choked by plastic and chemical waste. Neither is the air pristine – as pollutants coat the skies, the World Economic Forum finds global CO₂ emissions rose in 2022 to a record high. Such CO₂ covers Earth in a sheath which doesn't let it release heat into space, trapping this in the atmosphere instead, making Earth 1.11 degrees warmer.

SubQuestion No : 25

Q.25 Select the most appropriate ANTONYM of the word 'decline'.

- Ans
- 1. Drag
 - 2. Push
 - 3. Increase
 - 4. Decrease

Selection Post Examination Phase XII 2024

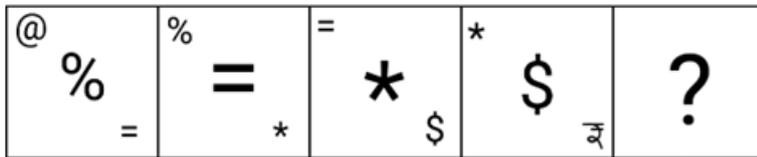
Exam Date	24/06/2024
Exam Time	5:15 PM - 6:15 PM
Subject	Selection Post Matriculation level

Section : General Intelligence

Q.1 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also 'x' and '÷' are interchanged?
 $13 \div 8 - 96 \times 6 + 17 = ?$

- Ans
- 1. 107
 - 2. 114
 - 3. 103
 - 4. 98

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



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

Q.3 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- 1. eNAR 74
 - 2. eNR 74
 - 3. eNR 47
 - 4. eNAR 47

Q4 In a certain code language, 'GOLIATH' is coded as '216' and 'DYNAMIC' is coded as '207'. How will 'CURRANT' be coded in that language?

- Ans
- 1. 168
 - 2. 285
 - 3. 148
 - 4. 235

Q5 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 apples are bees.
- II. Some apples are cannons.
- III. No cannon is a dear.

Conclusions:

- I. Some cannons are bees.
- II. No dear is an apple.

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

Q6 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.

GLOBAL : HNRAYI :: HONEST : IQQDQQ :: ITSELF : ?

- Ans
- 1. JVVDKC
 - 2. JVUDJC
 - 3. JVVEJC
 - 4. JVVDJC

Q7 In a certain code language, 'BOOK' is coded as 'DMRH' and 'WELL' is coded as 'YCOI'. How will 'TREE' be coded in the same language?

- Ans
- 1. VSHC
 - 2. VPHB
 - 3. UPHC
 - 4. UQHB

Q8 In a certain code language,
'A + B' means 'A is the daughter of B',
'A - B' means 'A is the husband of B',
'A × B' means 'A is the mother of B' and
'A ÷ B' means 'A is the father of B'.
How is D related to B if $A \div B - C + D \times E$?

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

Q.9 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

JJ_K_LM_N__O__Q_R_

- Ans
- 1. IJKLMNOPQ
 - 2. KLNOPPQRS
 - 3. JKNNOOPRR
 - 4. KLMNOPPQR

Q.10 Select the numbers from among the given options that can replace the question marks (?) in the following series.

6, 7, 16, 41, ?, ?, 292

- Ans
- 1. 95, 180
 - 2. 90, 171
 - 3. 115, 240
 - 4. 100, 220

Q.11 Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Illustrate
2. Illustration
3. Illustrator
4. Illuminate
5. Illumination

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

Q.12 In a certain code language, 'careful emotion' is coded as 'du yu', 'sun key' is coded as 'bin fin', 'careful sun' is coded as 'du bin' and 'emotion key' is coded as 'yu fin'. What is the code word for 'sun'?

- Ans
- 1. bin
 - 2. fin
 - 3. yu
 - 4. du

Q.13 In a certain code language, 'PLAYER' is written as 'CNRSFZ' and 'LIQUID' is written as 'SKNEJV'. How will 'RECORD' be written in that language?

- Ans
- 1. EGTESP
 - 2. ETGPSP
 - 3. ETGESP
 - 4. EGTPEP

Q.14 In a certain code language,
 'C # D' means 'C is the father of D',
 'C @ D' means 'C is the sister of D',
 'C \$ D' means 'C is the mother of D',
 'C % D' means 'C is the brother of D'.
 Based on the above, how is S related to V if 'S % T @ U # V'?

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

Q.15 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
OTE, PUF, QVG, RWH, ?

- Ans
- 1. SXI
 - 2. TVG
 - 3. SWG
 - 4. TXI

Q.16 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

S O _ T _ S _ F _ Y _ O F T _ _ O F T Y

- Ans
- 1. S O T T Y F S
 - 2. F Y O T S Y S
 - 3. Y F O T S Y T
 - 4. O F S T Y F O

Q.17 In a certain code language, 'NORMAL' is written as 'LMPOCN' and 'PEOPLE' is written as 'NCRMNG'. How will 'MOMENT' be written in that language?

- Ans
- 1. KNKGPU
 - 2. KMKHPU
 - 3. LMLGPV
 - 4. KMKGPV

Q.18 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

- 1 Paragraph
- 2 Letters
- 3 Phrase
- 4 Sentence
- 5 Words

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

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.)

Cease : Desist :: Eradicate : _____

- Ans
- 1. Restore
 - 2. Replenish
 - 3. Abstain
 - 4. Destroy

Q.20 Following a certain logic, if 36 is related to 9 and 100 is related to 49, to which of the following is 225 related?

- Ans
- 1. 148
 - 2. 144
 - 3. 133
 - 4. 135

Q.21 Which of the following letter-clusters will replace the question mark (?) in the given series?
PTXL, OSWK, NRVJ, ?, LPTH

- Ans
- 1. NQUI
 - 2. MQVI
 - 3. MQUI
 - 4. MQUJ

Q.22 In a certain code language, 'right from wrong' is written as 'jn bh yt', and 'take the right' is coded as 'dn yt gd. How will 'right' be coded in that language?

- Ans
- 1. bh
 - 2. jn
 - 3. gd
 - 4. yt

Q.23 In a certain code language, 'ALPHA' is written as 'MBPBI' and 'GAMMA' is written as 'BHMBN'. How will 'LASER' be written as in that language?

- Ans
- 1. BMSFS
 - 2. BMSSF
 - 3. BNSSF
 - 4. BMFSS

Q.24 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:

- 1) All cobblers are masons.
- 2) No mason is an electrician.
- 3) Some electricians are plumbers.

Conclusions:

- I. All plumbers can never be masons.
- II. At least some electricians are cobblers.

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

Q.25 Which two numbers (not individual digits) should be interchanged to make the given equation correct?

$$56 + (11 \times 2) - (52 \div 4) + 16 = 76$$

- Ans
- 1. 56 and 52
 - 2. 16 and 11
 - 3. 52 and 16
 - 4. 2 and 4

Section : General Awareness

Q.1 A plant cell wall is mainly composed of:

- Ans
- 1. protein
 - 2. lipid
 - 3. starch
 - 4. cellulose

Q.2 Who is the first woman to lead Indian Army unit near China border in Ladakh?

- Ans
- 1. Lt. Gen. Madhuri kanitkar
 - 2. Lt. Gen. Punita Arora
 - 3. Colonel Geeta Rana
 - 4. Colonel Shuchita Shekhar

Q.3 One-third of the members of the State Legislature Council retire every _____ years.

- Ans
- 1. second
 - 2. fifth
 - 3. fourth
 - 4. sixth

Q.4 In which of the following states is the Behdienkhlam festival celebrated in the month of July?

- Ans
- 1. Bihar
 - 2. Haryana
 - 3. West Bengal
 - 4. Meghalaya

Q.5 Which of the following cities is called the Silicon Valley of India due to its prominence in the IT industry?

- Ans
- 1. Dehradun
 - 2. Hyderabad
 - 3. Bengaluru
 - 4. Gurugram

Q.6 Which author wrote the autobiography 'Baluta'?

- Ans
- 1. Nirmal Verma
 - 2. Teji Grover
 - 3. Chitra Mudgal
 - 4. Daya Pawar

Q.7 Archaeological evidence of which of the following dance forms dating back to the 2nd century BC was found in the caves of Udayagiri and Khandagiri?

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

Q.8 What is the function of cytochrome P450?

- Ans
- 1. Assimilation of medicines and xenobiotics
 - 2. Hydrolysis of glucose
 - 3. Detoxification of xenobiotics
 - 4. ATP synthesis

Q.9 The Prevention of Seditious Meetings Act was passed in _____ by colonial Government.

- Ans
- 1. 1903
 - 2. 1898
 - 3. 1912
 - 4. 1907

Q.10 Which of the following oilfields is NOT located in Gujarat?

- Ans
- 1. Nawagam
 - 2. Naharkatiya
 - 3. Kalol
 - 4. Kosamba

Q.11 As of 1 March 2022, which of the following bills were passed in December 2021?

- Ans
- 1. The Election Laws (Amendment) Bill, 2021
 - 2. The Prohibition of Child Marriage (Amendment) Bill, 2021
 - 3. The National Anti-Doping Bill, 2021
 - 4. The Mediation Bill, 2021

Q.12 The thermocline layer is the _____ layer of the ocean.

- Ans
- 1. third
 - 2. first
 - 3. fourth
 - 4. second

Q.13 Which Mughal ruler's intervention in the succession and internal politics of the Rathor Rajputs of Marwar led to their rebellion?

- Ans
- 1. Shah Jahan
 - 2. Akbar
 - 3. Aurangzeb
 - 4. Babur

Q.14 In which year was the 'Prime Minister Street Vendor's AtmaNirbhar Nidhi' (PM SVANidhi) scheme launched by the Government of India with the objective of providing an affordable working capital loan to street vendors to resume their livelihoods?

- Ans
- 1. 2020
 - 2. 2021
 - 3. 2019
 - 4. 2022

Q.15 Which of the following politicians was conferred a Lifetime Achievement Honour in 2023 by the India-UK Achievers Honours in London for contribution to economic and political life?

- Ans
- 1. VP Singh
 - 2. M Venkaiah Naidu
 - 3. Sushma Swaraj
 - 4. Manmohan Singh

Q.16 According to the 2011 census, the sex ratio (females per 1000 males) is _____.

- Ans
- 1. 943
 - 2. 923
 - 3. 900
 - 4. 912

Q.17 Which law was studied in the year 1787, in which it was said that as the volume of a gas increases its absolute temperature, if its absolute temperature decreases, then its volume will decrease?

- Ans
- 1. Avogadro's law
 - 2. Charles's law
 - 3. Dalton's law
 - 4. Boyle's law

Q.18 In which year was the first Cricket World Cup held in India?

- Ans
- 1. 1979
 - 2. 1987
 - 3. 1975
 - 4. 1983

Q.19 Which of the following Acts provided the title of the Viceroy to the Governor-General of India?

- Ans
- 1. Charter Act of 1833
 - 2. Government of India Act, 1858
 - 3. Regulating Act of 1773
 - 4. Charter Act of 1853

Q.20 With which field was Madhuri Barthwal associated?

- Ans
- 1. Literature and education
 - 2. Sports
 - 3. Medicine
 - 4. Music

Q.21 What was the name of the first dynasty that ruled over Magadh kingdom?

- Ans
- 1. Nanda dynasty
 - 2. Mauryan dynasty
 - 3. Shishunga dynasty
 - 4. Haryanka dynasty

Q.22 Which of the following articles guarantees the Right to Equality before the Law and the Right to Equal Protection of the Laws?

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

Q.23 In which sport is a shuttlecock used?

- Ans
- 1. Basketball
 - 2. Football
 - 3. Kabaddi
 - 4. Badminton

Q.24 Stupas are a symbol of which of the following religions?

- Ans
- 1. Buddhism
 - 2. Jainism
 - 3. Hinduism
 - 4. Sikhism

Q.25 As per the Indian Constitution, the size of the Council of Ministers shall NOT exceed:

- Ans
- 1. 20 percent of total number of members of the House of the People
 - 2. 10 percent of total number of members of the House of the People
 - 3. 15 percent of total number of members of the House of the People
 - 4. 25 percent of total number of members of the House of the People

Q.1 If the volume of spheres are 27 : 8, then their ratio of surface areas is:

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

Q.2 The rice sold by a grocer contained 20% of low-quality rice. What quantity of good-quality rice should be added to 175 kg of mixed rice so that the percentage of low-quality rice remains 10%?

- Ans
- 1. 100 kg
 - 2. 150 kg
 - 3. 125 kg
 - 4. 175 kg

Q.3 In a constituency, the total number of people on the electoral roll was 2,75,000. Out of them, 90% cast their votes in an election and 15% of the votes cast were declared invalid. What was the number of valid votes cast?

- Ans
- 1. 2,10,325
 - 2. 2,10,425
 - 3. 2,10,375
 - 4. 2,10,275

Q.4 In how many years will Rs.2,500 invested at the rate of 12% per annum, simple interest, amount to Rs.3,700?

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

Q.5 The marked price of an item was ₹12,500. Two successive discounts of 12% each was offered on its sale. What was the selling price (in ₹) of the item?

- Ans
- 1. 9680
 - 2. 9720
 - 3. 9620
 - 4. 9500

Q.6 If a 9-digit number 937X728Y6 is divisible by 72, then one of the possible values of X + Y is:

- Ans
- 1. 12
 - 2. 5
 - 3. 8
 - 4. 9

Q.7 The difference between the cost price and the selling price of a table lamp is ₹540. If the profit is 30%, then the selling price (in ₹) is:

- Ans
- 1. 2,340
 - 2. 2,150
 - 3. 2,800
 - 4. 2,280

Q8 Shyam bought a chair for ₹1,563 and spent ₹350 on its repairing. He sold it for ₹2,398. Find his profit percentage (correct to two places of decimals).

- Ans
- 1. 25.35%
 - 2. 42.35%
 - 3. 52.55%
 - 4. 35.55%

Q9 There are two types of rice. Type 1 rice costs ₹20 per kg and type 2 rice costs ₹25 per kg. Both the rice are mixed in the ratio 2 : 3. Find the cost (in ₹) of the mixed rice per kg.

- Ans
- 1. 23
 - 2. 23.50
 - 3. 22
 - 4. 22.50

Q10 A group of men decided to complete a job in 4 days. However, since 10 men dropped out every day, the job got completed at the end of the 7th day. How many men were there in the beginning?

- Ans
- 1. 35
 - 2. 140
 - 3. 90
 - 4. 70

Q11 The annual instalment (in ₹) to discharge a debt of ₹8,432 due in 4 years at 16% simple interest per annum is:

- Ans
- 1. 2,204
 - 2. 1,527
 - 3. 1,700
 - 4. 2,108

Q12 The average cost of a pencil is ₹8 and the average cost of an eraser is ₹4. The cost of 8 erasers, 4 pencils and 12 sharpeners are ₹148. The average cost of a sharpener is ₹_____.

- Ans
- 1. 6
 - 2. 7
 - 3. 6.66
 - 4. 6.5

Q13 A policeman chases a thief. The speed of the policeman and thief are 18 km/h and 6 km/h, respectively. If the policeman started 10 minutes late, at what distance will he catch the thief?

- Ans
- 1. 2.0 km
 - 2. 1.0 km
 - 3. 1.5 km
 - 4. 2.5 km

Q14 Akshara scores 85% in five subjects together. The subjects are Hindi, Science, Mathematics, English and Computers, where the maximum marks of each subject are 100. Akshara scores 75 marks in Hindi, 92 marks in Computers, 89 marks in Mathematics, and 81 marks in English. How many marks did Akshara score in Science?

- Ans
- 1. 92
 - 2. 73
 - 3. 67
 - 4. 88

Q.15 A packet has to consist of three types of jellies – orange, mango and strawberry. The price per unit of orange, mango and strawberry jelly is ₹2.00, ₹3.00 and ₹3.50, respectively. In a packet, there are 80 orange jellies, 50 mango jellies and 120 strawberry jellies. What is the average cost (in ₹) of a jelly in a mixed packet?

- Ans
- 1. 2.80
 - 2. 2.92
 - 3. 3.02
 - 4. 2.96

Q.16 Find the third proportional to 6 and 24.

- Ans
- 1. 15
 - 2. 12
 - 3. 24
 - 4. 96

Q.17 A policeman spots a thief from a distance of 100 metres. When he starts running after the thief, the thief starts running as well. How far will the thief have to run before being overtaken if his speed is 8 km/h and the policeman's speed is 10 km/h?

- Ans
- 1. 430 metres
 - 2. 380 metres
 - 3. 400 metres
 - 4. 415 metres

Q.18 Ram, standing on a railway platform, noticed that a train took 36 seconds to completely pass through the platform, which was 108 m long, and it took 12 seconds in passing him. Find the speed of the train.

- Ans
- 1. 20.2 km/h
 - 2. 16.2 km/h
 - 3. 25.2 km/h
 - 4. 18.2 km/h

Q.19 A chair is bought for ₹600 and sold for ₹750. Find the profit percentage.

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

Q.20 The marked price of a commodity was given as ₹425 per kg. After two successive discounts of 5% and $y\%$, respectively, the retailer purchased it for ₹323 per kg. What was the value of y ?

- Ans
- 1. 20
 - 2. 19
 - 3. 18
 - 4. 24

Q.21 If a number is divisible by both 11 and 13, then it must be:

- Ans
- 1. divisible by (11+13)
 - 2. divisible by 42
 - 3. divisible by (11×13)
 - 4. divisible by (13-11)

Q.22 A man has to discharge a debt of ₹15,600 which is due in 3 years at 4% simple interest per annum. If he pays this amount in equal instalments of annual payment, find the amount for annual payment.

- Ans
- 1. ₹5,000
 - 2. ₹5,200
 - 3. ₹5,100
 - 4. ₹5,400

Q.23 The radius of a cylinder is 7 feet. Find the total surface area of the cylinder if the height of the cylinder is 14 feet. (Use $\pi = \frac{22}{7}$)

- Ans
- 1. 924 ft²
 - 2. 922 ft²
 - 3. 926 ft²
 - 4. 928 ft²

Q.24 In an election between two candidates, 75% of the voters cast their votes, out of which 2% of the votes were declared invalid. A candidate got 9,261 votes, which were 75% of the total valid votes. Find the total number of votes.

- Ans
- 1. 17,200
 - 2. 17,400
 - 3. 17,000
 - 4. 16,800

Q.25 The volume of a right circular cylinder of base radius r is obtained by multiplying its curved surface area by:

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

Section : English Language

Q.1 Select the INCORRECTLY spelt word.

- Ans
- 1. Violation
 - 2. Extinguish
 - 3. Amendment
 - 4. Sovereignty

Q.2 Select the most appropriate ANTONYM of the underlined word.
He benevolently offered to drop me all the way home after the office party got over in the wee hours of the morning.

- Ans
- 1. Unkindly
 - 2. Selflessly
 - 3. Humanely
 - 4. Tenderly

Q3 Select the option that expresses the given sentence in reported speech.

'Do you have a fair copy of this document?' The editor asked the reporter.

- Ans
- 1. The editor asked the reporter whether he had had a fair copy of that document.
 - 2. The editor asked the reporter whether he had a fair copy of that document.
 - 3. The editor asked the reporter whether had he had a fair copy of that document.
 - 4. The editor asked the reporter whether did he have a fair copy of that document.

Q4 Select the option that can be used as a one-word substitute for the given group of words.
Inscription on a person's grave

- Ans
- 1. Prologue
 - 2. Epistle
 - 3. Monograph
 - 4. Epitaph

Q5 Select the option that expresses the given sentence in passive voice.
Teenu wrote a congratulatory letter.

- Ans
- 1. A congratulatory letter written by Teenu.
 - 2. A congratulatory letter had been written by Teenu.
 - 3. A congratulatory letter was written by Teenu.
 - 4. A congratulatory letter is written by Teenu.

Q6 Select the most appropriate option to fill in the blank.

Addiction is a _____ process that requires the addict's friends and family's assistance at various addiction levels such as mentally, physically, psychologically, and emotionally.

- Ans
- 1. abbreviated
 - 2. condensed
 - 3. protracted
 - 4. curtailed

Q7 Select the most appropriate synonym of the given word.
Eccentricity

- Ans
- 1. Regularity
 - 2. Jeopardy
 - 3. Mannerism
 - 4. Deception

Q8 Select the MISSPELT word.

- Ans
- 1. Assence
 - 2. Escalade
 - 3. Exhale
 - 4. Ascend

Q.9 Select the most appropriate option to fill in the blanks.

We have four seasons because the earth doesn't sit up straight; it's _____ on its axis. As it orbits the sun, the planet's slight slouch _____ more or less of the northern and southern hemisphere to the sun depending on the time of the year.

- Ans
- 1. slanted; show
 - 2. tilted; exposes
 - 3. sloped; reveal
 - 4. inclined; uncover

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

- Ans
- 1. Benefit
 - 2. Experiment
 - 3. Pedestrian
 - 4. Obstacle

Q.11 Select the most appropriate synonym of the given word.
Control

- Ans
- 1. Embrace
 - 2. Grip
 - 3. Purchase
 - 4. Fold

Q.12 Select the MISSPELT word.

- Ans
- 1. Logarithm
 - 2. Library
 - 3. Lexicon
 - 4. Lagitimate

Q.13 Select the most appropriate option that can substitute the underlined segment in the given sentence.
Stop beating around the bush and tell me what is expected out of me.

- Ans
- 1. getting the conversation going
 - 2. revealing a secret to everyone
 - 3. avoiding to talk about the issue
 - 4. misunderstanding the situation

Q.14 Select the most appropriate meaning of the underlined idiom.
Shah called Saeed ahard nut to crack and described him as cool, but intelligent.

- Ans
- 1. Moderate person
 - 2. Someone with good will
 - 3. Someone who is difficult to deal with
 - 4. Considerate person

Q.15 Select the most appropriate synonym of the underlined word in the following sentence.
The new software offers a plethora of features to enhance productivity.

- Ans
- 1. a shortage of
 - 2. a consequence of
 - 3. a scarcity of
 - 4. an abundance of

Comprehension:

Read the following passage and answer all 5 questions given below.
 A little bird was flying South for the winter. It was so cold the bird froze and _____ 1 _____ to the ground into a large field.
 While she was _____ 2 _____ there, a cow came by and dropped some dung on her. As the frozen bird lay there in the _____ 3 _____ of cow dung, she began to realize how warm she was.
 The dung was actually _____ 4 _____ her out! She lay there all warm and happy, and soon began to sing for joy.
 A _____ 5 _____ cat heard the bird singing and discovered the bird under the cow dung. The cat dug her out and ate her.

SubQuestion No : 16

Q.16 Choose the word from the given options which fits in the blank labelled 1 and gives correct meaning

- Ans 1. Fell
 2. Soared
 3. Rose
 4. Went up

Comprehension:

Read the following passage and answer all 5 questions given below.
 A little bird was flying South for the winter. It was so cold the bird froze and _____ 1 _____ to the ground into a large field.
 While she was _____ 2 _____ there, a cow came by and dropped some dung on her. As the frozen bird lay there in the _____ 3 _____ of cow dung, she began to realize how warm she was.
 The dung was actually _____ 4 _____ her out! She lay there all warm and happy, and soon began to sing for joy.
 A _____ 5 _____ cat heard the bird singing and discovered the bird under the cow dung. The cat dug her out and ate her.

SubQuestion No : 17

Q.17 Choose the word from the given options which fits in the blank labelled 2 and gives correct meaning.

- Ans 1. Lying
 2. Napping
 3. Sleeping
 4. Walking

Comprehension:

Read the following passage and answer all 5 questions given below.
 A little bird was flying South for the winter. It was so cold the bird froze and _____ 1 _____ to the ground into a large field.
 While she was _____ 2 _____ there, a cow came by and dropped some dung on her. As the frozen bird lay there in the _____ 3 _____ of cow dung, she began to realize how warm she was.
 The dung was actually _____ 4 _____ her out! She lay there all warm and happy, and soon began to sing for joy.
 A _____ 5 _____ cat heard the bird singing and discovered the bird under the cow dung. The cat dug her out and ate her.

SubQuestion No : 18

Q.18 Choose the word from the given options which fits in the blank labelled 3 and gives correct meaning

- Ans 1. Pile
 2. Box
 3. Row
 4. Crowd

Comprehension:

Read the following passage and answer all 5 questions given below.
A little bird was flying South for the winter. It was so cold the bird froze and _____ 1 _____ to the ground into a large field.
While she was _____ 2 _____ there, a cow came by and dropped some dung on her. As the frozen bird lay there in the _____ 3 _____ of cow dung, she began to realize how warm she was.
The dung was actually _____ 4 _____ her out! She lay there all warm and happy, and soon began to sing for joy.
A _____ 5 _____ cat heard the bird singing and discovered the bird under the cow dung. The cat dug her out and ate her.

SubQuestion No : 19

Q.19 Choose the word from the given options which fits in the blank labelled 4 and gives correct meaning

- Ans 1. Thawing
 2. Killing
 3. Chilling
 4. Drawing

Comprehension:

Read the following passage and answer all 5 questions given below.
A little bird was flying South for the winter. It was so cold the bird froze and _____ 1 _____ to the ground into a large field.
While she was _____ 2 _____ there, a cow came by and dropped some dung on her. As the frozen bird lay there in the _____ 3 _____ of cow dung, she began to realize how warm she was.
The dung was actually _____ 4 _____ her out! She lay there all warm and happy, and soon began to sing for joy.
A _____ 5 _____ cat heard the bird singing and discovered the bird under the cow dung. The cat dug her out and ate her.

SubQuestion No : 20

Q.20 Identify the phrasal verb which fits in the blank labelled as 5 and gives correct meaning.

- Ans 1. covered
 2. hit
 3. discovered
 4. hid

Comprehension:

Read the given passage and answer the questions that follow.

Prime Minister Modi has recently declared Modhera, Gujarat as India's first 24x7 solar-powered village. It is an important marker in India's ambitious renewable energy vision. The aim is to increase installed capacity by more than three-fold to 500 GW by 2030. The commercial viability of solar power will have a say in realising this goal. Presently, India's electricity sector displays a dichotomy, representing the challenges facing the renewable sector.

Thermal power contributed 75%-85% of the power generated over the last three financial years. Its installed capacity, however, dipped from 62.3% to 59.6% over the same period. During the same phase, solar power installed capacity increased from 9.4% to 12.8% among renewables, its share in a generation increased. Therefore, among available sources of renewable energy, it's solar power that holds the brightest promise.

Renewable energy consumption gets a big push from the Government of India in the form of legally binding purchases called Renewable Purchase Obligation (RPO). Despite this boost, renewables struggle to meet generation targets because states which have an incentive to keep costs low often fail to meet their RPO. A March 2021 parliamentary committee report showed that only four states met their entire RPO target in 2019-20.

Solar power trajectory is delicately poised despite the Government's move to increase the share of RPO till 2030. An increase in important tariff this year on inputs such as solar modules to boost domestic industry will in the near future push up project costs and, thereby, power tariffs. This is at odds with a separate move to nudge discoms to maintain financial discipline. Moreover, the renewable space itself is set to get more competitive with the advent of green hydrogen. The renewable energy is set for a churn with a complex set of factors at play.

SubQuestion No : 21

Q.21 Identify the most appropriate ANTONYM of the word 'ambitious'.

- Ans
- 1. Mischievous
 - 2. Impressive
 - 3. Energetic
 - 4. Unenthusiastic

Comprehension:

Read the given passage and answer the questions that follow.

Prime Minister Modi has recently declared Modhera, Gujarat as India's first 24x7 solar-powered village. It is an important marker in India's ambitious renewable energy vision. The aim is to increase installed capacity by more than three-fold to 500 GW by 2030. The commercial viability of solar power will have a say in realising this goal. Presently, India's electricity sector displays a dichotomy, representing the challenges facing the renewable sector.

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SubQuestion No : 22

Q.22 How many states met the RPO target in 2019-20?

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

Comprehension:

Read the given passage and answer the questions that follow.

Prime Minister Modi has recently declared Modhera, Gujarat as India's first 24x7 solar-powered village. It is an important marker in India's ambitious renewable energy vision. The aim is to increase installed capacity by more than three-fold to 500 GW by 2030. The commercial viability of solar power will have a say in realising this goal. Presently, India's electricity sector displays a dichotomy, representing the challenges facing the renewable sector.

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SubQuestion No : 23

Q.23 Select the most appropriate title for the passage.

- Ans**
- 1. Thermal Electricity – Difficulties
 - 2. The World in Danger Zone
 - 3. Electricity and Private Companies
 - 4. Renewable Energy – Moving Forward

Comprehension:

Read the given passage and answer the questions that follow.

Prime Minister Modi has recently declared Modhera, Gujarat as India's first 24x7 solar-powered village. It is an important marker in India's ambitious renewable energy vision. The aim is to increase installed capacity by more than three-fold to 500 GW by 2030. The commercial viability of solar power will have a say in realising this goal. Presently, India's electricity sector displays a dichotomy, representing the challenges facing the renewable sector.

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SubQuestion No : 24

Q.24 Select the correct full form of RPO?

- Ans**
- ✓ 1. Renewable Purchase Obligation
 - ✗ 2. Review Public Obligations
 - ✗ 3. Renewable Purchase Operations
 - ✗ 4. Revenue Purchase Obligation

Comprehension:

Read the given passage and answer the questions that follow.

Prime Minister Modi has recently declared Modhera, Gujarat as India's first 24x7 solar-powered village. It is an important marker in India's ambitious renewable energy vision. The aim is to increase installed capacity by more than three-fold to 500 GW by 2030. The commercial viability of solar power will have a say in realising this goal. Presently, India's electricity sector displays a dichotomy, representing the challenges facing the renewable sector.

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SubQuestion No : 25

Q.25 Identify the structure of the passage.

- Ans**
- 1. Narrative essay
 - 2. Factual essay
 - 3. Argumentative essay
 - 4. Abstract essay

Selection Post Examination Phase XII 2024

Exam Date	24/06/2024
Exam Time	9:00 AM - 10:00 AM
Subject	Selection Post Matriculation level

Section : General Intelligence

Q.1 In a certain code language, 'served her people' is written as 'vt yc df', and 'dinner is served' is coded as 'kp df hu'. How will 'served' be coded in that language?

- Ans
- 1. kp
 - 2. vt
 - 3. df
 - 4. yc

Q.2 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 vases are bottles.
- II. All bottles are flasks.
- III. All flasks are cups.

Conclusions:

- I. Some cups are bottles.
- II. All vases are flasks.

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

Q.3 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also 'x' and '÷' are interchanged?
 $143 - 42 \times 7 \div 8 + 21 = ?$

- Ans
- 1. 176
 - 2. 170
 - 3. 159
 - 4. 181

Q.4 What will come in the place of '?' in the following equation, if '+' and '-' are interchanged and also 'x' and '÷' are interchanged?
 $42 \times 6 \div 11 - 97 + 25 = ?$

- Ans
- 1. 120
 - 2. 131
 - 3. 149
 - 4. 154

Q.5 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' and
 'A ÷ B' means 'A is the father of B'.
 How is B related to E if $A - B + C \times D \div E$?

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

Q.6 'P × Q' means 'P is the brother of Q',
 'P – Q' means 'P is the wife of Q',
 'P + Q' means 'P is the father of Q',
 'P ÷ Q' means 'P is the daughter of Q'.
 If 'D × B – E + C – A', then how is A related to E?

- Ans
- 1. Father-in-law
 - 2. Brother's son
 - 3. Son
 - 4. Son-in-law

Q.7 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.
 AGMST, CIOUV, EKQWX, ?

- Ans
- 1. FLPXZ
 - 2. FLOYU
 - 3. GKSWA
 - 4. GMSYZ

Q.8 In a code language, 'bus car bike' is written as 'az bz ez', 'bicycle tyre car' is written as 'bz fz pz', and 'scooter bus tyre' is written as 'az pz sz'. What is the code for the word 'bicycle' in that language?

- Ans
- 1. fz
 - 2. sz
 - 3. ez
 - 4. pz

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.
 TRUE : XUWF :: USED : YVGE :: POOR : ?

- Ans
- 1. SSQS
 - 2. URQR
 - 3. TRQS
 - 4. VRPS

Q.10 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:

- 1) Some trips are hikes.
- 2) All hikes are climbs.
- 3) Some climbs are jumps.

Conclusions:

- I. All trips can never be jumps.
- II. At least some hikes are jumps.

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

Q.11 In a certain code language, 'sun and sand' is written as 'zf jc dt', and 'the hot sun' is coded as 'km dt wo'. How will 'sun' be coded in that language?

- Ans
- 1. wo
 - 2. dt
 - 3. km
 - 4. zf

Q.12 Which of the following letter-clusters will replace the question mark (?) in the given series?
 EFCD, GHEF, IJGH, ?, MNKL

- Ans
- 1. KLKI
 - 2. LLIJ
 - 3. KLJI
 - 4. KLIJ

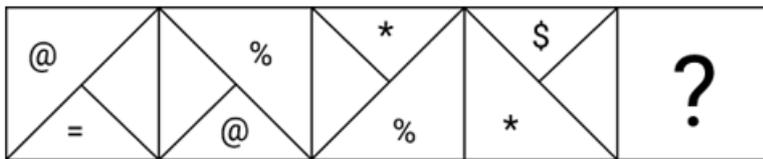
Q.13 Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.
 56 : 51 :: 71 : 64 :: 69 : ?

- Ans
- 1. 60
 - 2. 63
 - 3. 64
 - 4. 61

Q.14 Which of the following letter-clusters will replace the question mark (?) in the given series?
 BCDA, FGHE, JKLI, ?, RSTQ

- Ans
- 1. NOPM
 - 2. MNPM
 - 3. NOPL
 - 4. MOPM

Q.15 Identify the figure given in the options which when put in place of ? will logically complete the series.



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

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.)

Flies : Buzz :: Doves : _____

- Ans
- 1. Howl
 - 2. Quack
 - 3. Roar
 - 4. Coo

Q.17 Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English dictionary.

1. Brutal
2. Browse
3. Bubble
4. Bruise
5. Buckle

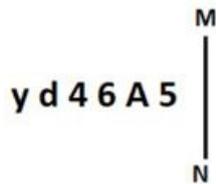
- Ans
- 1. 4, 2, 3, 1, 5
 - 2. 4, 3, 1, 2, 5
 - 3. 3, 4, 1, 5, 2
 - 4. 2, 4, 1, 3, 5

Q.18 Which number will replace the question mark (?) in the following series?

31, 37, 41, 43, ? , 53, 59, 61, 67

- Ans
- 1. 47
 - 2. 51
 - 3. 45
 - 4. 49

Q.19 Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.



- Ans
- 1. ʎ q ʎ ɹ ɹ ʎ
 - 2. ʎ ʎ ɹ ɹ ʎ
 - 3. ʎ q ʎ ɹ ɹ ʎ
 - 4. ʎ q ʎ ɹ ɹ ʎ

Q.20 In a certain code language, 'candle main' is coded as 'fire blaze' and 'line candle' is coded as 'number fire'. What is the code word for 'main'?

- Ans
- 1. blaze
 - 2. over
 - 3. fire
 - 4. candle

Q.21 Which of the following terms will replace the question mark (?) in the given series?
WGZC, TJVG, ?, NPNO, KSJS

- Ans
- 1. QMRK
 - 2. PMRJ
 - 3. QNRJ
 - 4. PMRK

Q.22 Which option represents the correct order of the given words as they would appear in an English dictionary?

1. BRILLIANT
2. BRITTLE
3. BRIGHTON
4. BRITISH
5. BRIDGESTONE

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

Q.23 In a certain code language, 'RULE' is written as 'VXNF' and 'LEAD' is written as 'PHCE'. How will 'HERO' be written in that language?

- Ans
- 1. LHUQ
 - 2. MHUP
 - 3. MITP
 - 4. LHTP

Q.24 In a code language, 'SLEEK' is coded as 37 and 'FOLD' is coded as 25. How will 'YATCH' be coded in the same language?

- Ans
- 1. 52
 - 2. 42
 - 3. 48
 - 4. 40

Q.25 In a certain code language, FROM is coded as 8 and BITTERNESS is coded as 20. What is the code for CAULIFLOWER?

- Ans
- 1. 10
 - 2. 12
 - 3. 11
 - 4. 22

Section : General Awareness

Q.1 Sher Khan defeated Humayun in the battle of Chausa and Kanauj and forced him to flee to _____.

- Ans
- 1. Iran
 - 2. Uzbekistan
 - 3. Turkey
 - 4. Iraq

Q.2 What is the name of the large-scale demographic survey conducted to provide reliable estimates of birth and death rates and other fertility and mortality indicators at the national and sub-national levels?

- Ans
- 1. Creation and bifurcation System (CBS)
 - 2. Sample Registration System (SRS)
 - 3. Enumeration of Human Resource system (EHRS)
 - 4. Direct Recruitment System (DRS)

Q.3 Which artificial element has been provisionally named seaborgium by American researchers in honour of Nobel Laureate Glenn T Seaborg?

- Ans
- 1. Element 103
 - 2. Element 106
 - 3. Element 97
 - 4. Element 90

Q.4 Who among the following has been credited with developing a notation system for Indian classical music?

- Ans
- 1. Bal Gandharva
 - 2. Kumar Gandharva
 - 3. Vishnu Narayan Bhatkhande
 - 4. Bhimsen Joshi

Q.5 As of April 2021, the _____ India scheme aims at providing people belonging to the scheduled caste or scheduled tribe or women of the country a loan between ₹10 lakhs to ₹1 crore, based on their requirement to promote entrepreneurship, which has been extended up to the year 2025.

- Ans
- 1. Grow-up
 - 2. Start-up
 - 3. Rise-up
 - 4. Stand-up

Q.6 _____ was elected as the president of the third session of Indian National Congress.

- Ans
- 1. Pherozeshah Mehta
 - 2. KT Telang
 - 3. AO Hume
 - 4. Badruddin Tyabji

Q.7 How many classical dance forms were officially acknowledged by the Sangeet Natak Akademi in India till 2023?

- Ans
- 1. 9
 - 2. 10
 - 3. 7
 - 4. 8

Q.8 The golden revolution in India related to the agriculture sector is referred to as:

- Ans
- 1. minerals
 - 2. coconut production
 - 3. cashew cultivation
 - 4. horticulture and honey

Q.9 Who among the following is to succeed Air Marshal Sandeep Singh as Vice Chief of Indian Air Force in 2023?

- Ans
- 1. Vivek Ram Chaudhari
 - 2. Harjit Singh Arora
 - 3. Amar Preet Singh
 - 4. Rakesh Kumar Singh Bhadauria

Q.10 In 1883, which of the following allowed Indians to try Europeans in courts of law?

- Ans
- 1. Murderous Outrage Regulation
 - 2. Christian Personal Law
 - 3. Indian Penal Code
 - 4. Ilbert Bill

Q.11 According to article 112 of Indian constitution, who shall cause in every financial year a statement of estimated receipts and expenditure of the Government of India?

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

Q.12 The disease caused by deficiency of iodine is:

- Ans
- 1. goitre
 - 2. chicken pox
 - 3. malaria
 - 4. anaemia

Q.13 Who has taken over as the new Chief Executive Officer and Chairman of the Railway Board since January 2023?

- Ans
- 1. Anil Kumar Lahoti
 - 2. Udai Singh Kumawat
 - 3. Rashmi Verma
 - 4. Sansar Chand Bardai

Q.14 Bahu Mela in _____ is the major festival held at the Kali Temple in the Bahu Fort twice an year.

- Ans
- 1. Punjab
 - 2. Jammu
 - 3. Haryana
 - 4. Leh

Q.15 Amaravati stupa is situated in which of the following states?

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

Q.16 Which of the following is defined as the number of females per thousand males in India?

- Ans
- 1. Population Growth
 - 2. Fertility Rate
 - 3. Sex Ratio
 - 4. Population Density

Q.17 Barabar Cave, famously known for depicting Ashokas' inscription, is situated at_____.

- Ans
- 1. Rampurva, Bihar
 - 2. Gaya, Bihar
 - 3. Sanchi, Madhya Pradesh
 - 4. Sarnath, Uttar Pradesh

Q.18 Which of the following is the correct formula for calculating Body Mass Index (BMI)?

- Ans
- 1. $\text{BMI} = \text{kg} \times \text{cm}^2$
 - 2. $\text{BMI} = \text{gm}/\text{cm}^2$
 - 3. $\text{BMI} = \text{kg}/\text{m}^2$
 - 4. $\text{BMI} = \text{kg} \times \text{m}^2$

Q.19 Who founded the International Olympic Committee (IOC) in 1894?

- Ans
- 1. Konstantinos Zappas
 - 2. Baron Pierre de Coubertin
 - 3. Sir Ludwig Guttmann
 - 4. George Averoff

Q.20 Which of the following is NOT a part of the ocean floor?

- Ans
- 1. The continental slope
 - 2. The deep sea shelf
 - 3. The deep sea plain
 - 4. The continental shelf

Q.21 What is the weight of the shot put for the men's category?

- Ans
- 1. 14 pounds
 - 2. 16 pounds
 - 3. 12 pounds
 - 4. 10 pounds

Q.22 Which of the following articles lays down for protection from self-incrimination i.e. protection from standing trial against oneself?

- Ans
- 1. Article 18
 - 2. Article 19
 - 3. Article 20
 - 4. Article 17

Q.23 How many Members of Parliament were elected to the 17th Lok Sabha from Odisha?

- Ans
- 1. 24
 - 2. 21
 - 3. 22
 - 4. 20

Q.24 According to the Indian Mineral Yearbook 2018, which state alone accounts for 72% of the magnetite deposits in India?

- Ans
- 1. Maharashtra
 - 2. Tamil Nadu
 - 3. Karnataka
 - 4. West Bengal

Q.25 Who is the author of the book 'A Life Misspent'?

- Ans
- 1. Maithili Sharan Gupta
 - 2. Harivansh Rai Bachchan
 - 3. Dushyant Kumar
 - 4. Suryakant Tripathi Nirala

Q.1 The lateral surface area of a cylinder is 3862.2 cm^2 and its height is 15 cm. Find its volume (take $\pi = 3.14$) correct to one decimal place.

- Ans
- 1. 79175.1 cm^3
 - 2. 78275.2 cm^3
 - 3. 89175.1 cm^3
 - 4. 88275.2 cm^3

Q.2 A person can paint a 2.5 ft^2 of a wall in 5 minutes. How much ft^2 of the wall will he paint in 6 hours?

- Ans
- 1. 180
 - 2. 160
 - 3. 120
 - 4. 140

Q.3 Dixit covers a certain distance by car, driving at the speed of 28 km/h and he returns to the starting point riding on a scooter at the speed of 36 km/h. Find the average speed (in km/h) for the whole journey.

- Ans
- 1. 64.0
 - 2. 48.5
 - 3. 32.0
 - 4. 31.5

Q.4 The ratio of the cost price of an article to its selling price is 432 : 612. The profit percentage (rounded off to 2 decimal places) on it is:

- Ans
- 1. 41.66%
 - 2. 40.25%
 - 3. 38.26%
 - 4. 42.33%

Q.5 An amusement park gives an offer to its customers that one person will be given free entry with four other people. What is the effective percentage discount given by the amusement park?

- Ans
- 1. 14%
 - 2. 18%
 - 3. 20%
 - 4. 16%

Q.6 A train covers 40 km between two stations in 45 minutes. It covers another 30 km in 30 minutes and the remaining 20 km in 15 minutes. Find the average speed of the train in the whole journey.

- Ans
- 1. 40 km/h
 - 2. 50 km/h
 - 3. 60 km/h
 - 4. 45 km/h

Q.7 A shopkeeper charges his customer 23% more than the cost price. If a customer paid ₹30,135 for a dining table, then find its original price (in ₹).

- Ans
- 1. 24,500
 - 2. 28,200
 - 3. 24,000
 - 4. 23,300

Q.8 S varies directly as $(R + 7)$, and $S = 42$ when $R = 17$. What is the value of S when $R = 29$?

- Ans
- 1. 66
 - 2. 58
 - 3. 51
 - 4. 63

Q.9 A loan of ₹2,550 is to be paid back in two equal half-yearly instalments. How much is each instalment if the interest is compounded half-yearly at 8% p.a.?

- Ans
- 1. ₹1,745
 - 2. ₹1,258
 - 3. ₹1,457
 - 4. ₹1,352

Q.10 The average weight of 4 persons is increased by 14 kg when one of them whose weight is 55 kg, is replaced by another person. What is the weight (in kg) of the new person?

- Ans
- 1. 85
 - 2. 98
 - 3. 56
 - 4. 111

Q.11 A wristwatch is sold for ₹2,700 at a loss of 10%. What is the cost price of the wristwatch?

- Ans
- 1. ₹3,300
 - 2. ₹2,900
 - 3. ₹3,200
 - 4. ₹3,000

Q.12 Two containers of equal capacity are full of mixture of milk and water. In the first, the ratio of milk to water is 3 : 7 and in the second it is 7 : 9. Now both the mixtures are mixed in a bigger container. What is the resulting ratio of milk to water?

- Ans
- 1. 61 : 97
 - 2. 59 : 101
 - 3. 58 : 103
 - 4. 57 : 107

Q.13 45% of Samita's monthly income is equal to 63% of Anil's monthly income. If Samita's monthly income is ₹84,000, what is Anil's monthly income (in ₹)?

- Ans
- 1. 59,400
 - 2. 58,500
 - 3. 61,500
 - 4. 60,000

Q.14 If 6 people are required to complete a work in 1 hour 20 minutes, then how long will only 5 people take to complete the same work?

- Ans
- 1. 96 minutes
 - 2. 90 minutes
 - 3. 105 minutes
 - 4. 100 minutes

Q.15 A and B invested money in a business in the ratio of 2:3. If 10% of the total profit goes to charity and A's share in the profit is ₹4,500, then what is the total profit?

- Ans
- 1. ₹13,500
 - 2. ₹13,000
 - 3. ₹12,500
 - 4. ₹12,000

Q.16 Manoj earned Rs.6,075 as simple interest on a certain sum at 9% per annum after 5 years. Find the sum invested by him.

- Ans
- 1. Rs.13,750
 - 2. Rs.12,600
 - 3. Rs.12,250
 - 4. Rs.13,500

Q.17 The time taken by R to cover 45 km is 1.2 hours. In how many seconds will he cover 400 metres?

- Ans
- 1. 34.8
 - 2. 48.3
 - 3. 38.4
 - 4. 43.8

Q.18 A car covers a distance of 45.6 km in 2.4 litres of petrol. How much distance will it cover in 1 litre of petrol?

- Ans
- 1. 109.44 km
 - 2. 19 km
 - 3. 20 km
 - 4. 19.4 km

Q.19 The length of cold storage of cuboidal shape is double its breadth and its height is half of its breadth. If its volume is 216 m^3 , then what are the dimensions of the cold storage?

- Ans
- 1. 12 m × 6 m × 3 m
 - 2. 14 m × 7 m × 5 m
 - 3. 8 m × 4 m × 2 m
 - 4. 12 m × 9 m × 5 m

Q.20 A man can row 9 km/h in still water. If the river is running at 4 km/h, it takes 8 hours more in upstream than to go downstream for the same distance. How far is the place?

- Ans
- 1. 75 km
 - 2. 60 km
 - 3. 55 km
 - 4. 65 km

Q.21 A shopkeeper offers a cash discount of ₹275 first and then three successive discounts of 10%, 8% and 5% on the sale of a laptop. If the marked price of the laptop is ₹85,275, find its price for a customer.

- Ans
- 1. ₹65,561
 - 2. ₹65,861
 - 3. ₹66,861
 - 4. ₹66,561

Q.22 The diagonal of a cubical block of wood is 192 cm. Find its volume.

- Ans
- 1. $776432\sqrt{3}\text{cm}^3$
 - 2. $766432\sqrt{3}\text{cm}^3$
 - 3. $786432\sqrt{3}\text{cm}^3$
 - 4. $796432\sqrt{3}\text{cm}^3$

Q.23 Sachin purchases a watch from a dealer at some price and sells it at 20% profit. The next day he purchases the same watch and marks up the price by 75% and offers a discount of 30%. What is the change in the percentage in the profit that Sachin receives on day 2?

- Ans
- 1. 17%
 - 2. 12.5%
 - 3. 20%
 - 4. 22.5%

Q.24 If a certain sum of money at 5% per annum simple interest amounts to ₹810 in $2\frac{1}{2}$ years, then the certain sum is:

- Ans
- 1. ₹750
 - 2. ₹720
 - 3. ₹740
 - 4. ₹730

Q.25 Find the least value digit which is assigned to * so that the number $1972*471$ is divisible by 9.

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

Section : English Language

Q.1 Select the most appropriate option to complete the idiom in the following sentence.

I have a _____ thumb and I love gardening.

- Ans
- 1. yellow
 - 2. red
 - 3. blue
 - 4. green

Q.2 Select the most appropriate ANTONYM of the highlighted word in the given sentence.

Sheena comes of anaffluent family.

- Ans
- 1. Backward
 - 2. Ordinary
 - 3. Poor
 - 4. Infamous

Q.3 Select the INCORRECTLY spelt word.

- Ans
- 1. Decendant
 - 2. Introductory
 - 3. Ordinance
 - 4. Disinterested

Q4 Select the most appropriate ANTONYM of the underlined word in the context of its meaning in the given sentence.

She felt relieved and light after taking the headache medicine.

- Ans
- 1. dark
 - 2. heavy
 - 3. ignorant
 - 4. extinguish

Q5 Select the correctly spelt word.

- Ans
- 1. Banglow
 - 2. Bungalow
 - 3. Bunglow
 - 4. Banglo

Q6 Select the option that can be used as synonym for the underlined word.

Mohan is deprived of the opportunity to start his business.

- Ans
- 1. Divested
 - 2. Restore
 - 3. Reconstruct
 - 4. Renewal

Q7 Choose an appropriate synonym for the given word.
Cease

- Ans
- 1. Continue
 - 2. Commence
 - 3. Transmit
 - 4. Conclude

Q8 Select the option that can be used as a one-word substitute for the given group of words.
A person who eats meat but not seafood or fish

- Ans
- 1. Carnitarian
 - 2. Carnivorous
 - 3. Herbivorous
 - 4. Omnivorous

Q9 Select the option that expresses the following sentence in passive voice.
Zara is buying a new car.

- Ans
- 1. A new car was bought by Zara.
 - 2. A new car is being bought by Zara.
 - 3. A new car is bought by Zara.
 - 4. A new car has been bought by Zara.

Q.10 Based on the situation in the sentence, select the most appropriate idiom.
Although Greta Thunberg gave a moving speech at the UN about environmental damage, it could _____.

- Ans
- 1. be the icing on the cake
 - 2. break the ice
 - 3. walk on thin ice
 - 4. cut no ice

Q.11 Select the most appropriate option to fill in the blank.
How do you _____ the photos and files you have lost in your computer?

- Ans
- 1. remove
 - 2. retire
 - 3. receive
 - 4. retrieve

Q.12 Select the most appropriate option to fill in the blank.
The child grew up cheerfully listening to _____ stories.

- Ans
- 1. endless
 - 2. sad
 - 3. few
 - 4. horror

Q.13 Select the INCORRECTLY spelt word in the given sentence.

Tara thought that they were absurd on a dying saviour, that his sandals, his blazer, his hair, all were unsuited to the occassion.

- Ans
- 1. occassion
 - 2. unsuited
 - 3. saviour
 - 4. absurd

Q.14 Select the most appropriate ANTONYM of the given word.

Forbid

- Ans
- 1. Bear
 - 2. Allow
 - 3. Operate
 - 4. Collect

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

He said to me, 'I am grateful to you.'

- Ans
- 1. He told me that he was grateful to me.
 - 2. He said that I am grateful to you.
 - 3. He told me he is grateful to me.
 - 4. He says to me that he is grateful to me.

Comprehension:

Read the following passage and answer all 5 questions given below.
Population _____1_____ is one of the most serious problems of the world today. Studies _____2_____ in this area suggest that the world population is further likely to increase by a few more billions. According to many environmental scientists, ecologists, researchers, and other intellectuals, the rise in the population will lead to several _____3_____ consequences. Most significantly, the increasing number of people will _____4_____ more water, more food, and more energy _____5_____ to survive.

SubQuestion No : 16

Q.16 Choose the word which fits in the blank labelled 1 and gives appropriate meaning.

- Ans
- 1. reduction
 - 2. decrease
 - 3. increase
 - 4. plunge

Comprehension:

Read the following passage and answer all 5 questions given below.
 Population _____1_____ is one of the most serious problems of the world today. Studies _____2_____ in this area suggest that the world population is further likely to increase by a few more billions. According to many environmental scientists, ecologists, researchers, and other intellectuals, the rise in the population will lead to several _____3_____ consequences. Most significantly, the increasing number of people will _____4_____ more water, more food, and more energy _____5_____ to survive.

SubQuestion No : 17

Q.17 Choose the word which fits in the blank labelled 2 and gives appropriate meaning.

- Ans 1. conducted
 2. given
 3. provided
 4. shared

Comprehension:

Read the following passage and answer all 5 questions given below.
 Population _____1_____ is one of the most serious problems of the world today. Studies _____2_____ in this area suggest that the world population is further likely to increase by a few more billions. According to many environmental scientists, ecologists, researchers, and other intellectuals, the rise in the population will lead to several _____3_____ consequences. Most significantly, the increasing number of people will _____4_____ more water, more food, and more energy _____5_____ to survive.

SubQuestion No : 18

Q.18 Choose the word which fits in the blank labelled 3 and gives appropriate meaning.

- Ans 1. joyful
 2. unpleasant
 3. delightful
 4. pleasant

Comprehension:

Read the following passage and answer all 5 questions given below.
 Population _____1_____ is one of the most serious problems of the world today. Studies _____2_____ in this area suggest that the world population is further likely to increase by a few more billions. According to many environmental scientists, ecologists, researchers, and other intellectuals, the rise in the population will lead to several _____3_____ consequences. Most significantly, the increasing number of people will _____4_____ more water, more food, and more energy _____5_____ to survive.

SubQuestion No : 19

Q.19 Choose the word which fits in the blank labelled 4 and gives appropriate meaning.

- Ans 1. not require
 2. require
 3. prevent
 4. ignore

Comprehension:

Read the following passage and answer all 5 questions given below.
Population _____1_____ is one of the most serious problems of the world today. Studies _____2_____ in this area suggest that the world population is further likely to increase by a few more billions. According to many environmental scientists, ecologists, researchers, and other intellectuals, the rise in the population will lead to several _____3_____ consequences. Most significantly, the increasing number of people will _____4_____ more water, more food, and more energy _____5_____ to survive.

SubQuestion No : 20

Q.20 Choose the word which fits in the blank labelled 5 and gives appropriate meaning.

- Ans
- 1. more technology
 - 2. more people
 - 3. more Requirement
 - 4. more energy

Comprehension:

Read the given passage and answer the questions that follow.
Dilya-eje, a secondary school teacher in the border village of Samarkandek, Kyrgyzstan, often visits the houses of her neighbourhood to record the children who should attend school the next year. She always indicates the status of their parents in her notebook. More than half of the parents are labelled as migrants.

When men migrate, women take on the usual male roles: today most agricultural labour in the villages is done by women. But in Kyrgyzstan there are also a high number of women migrants. In 2016, women accounted for about 40% of total Kyrgyz labour migrants to Russia. Some are divorced or married women and some are very young girls who begin to earn money just after graduating from high school. Women migrating to Russia are usually employed in the service sector.

Because of these trends, traditional notions of femininity and masculinity are now often in conflict. Despite the fact that these women are sometimes the main source of income in their families, they have to face misogynistic behaviour – and violence.

SubQuestion No : 21

Q.21 What is the tone of the speaker?

- Ans
- 1. Sarcastic
 - 2. Humorous
 - 3. Incendiary
 - 4. Exaggerating

Comprehension:

Read the given passage and answer the questions that follow.

Dilya-eje, a secondary school teacher in the border village of Samarkandek, Kyrgyzstan, often visits the houses of her neighbourhood to record the children who should attend school the next year. She always indicates the status of their parents in her notebook. More than half of the parents are labelled as migrants.

When men migrate, women take on the usual male roles: today most agricultural labour in the villages is done by women. But in Kyrgyzstan there are also a high number of women migrants. In 2016, women accounted for about 40% of total Kyrgyz labour migrants to Russia. Some are divorced or married women and some are very young girls who begin to earn money just after graduating from high school. Women migrating to Russia are usually employed in the service sector.

Because of these trends, traditional notions of femininity and masculinity are now often in conflict. Despite the fact that these women are sometimes the main source of income in their families, they have to face misogynistic behaviour – and violence.

SubQuestion No : 22

Q.22 Select the most suitable word from the passage which means 'contempt against women'.

- Ans**
- 1. Masculinity
 - 2. Migrant
 - 3. Accounted
 - 4. Misogynistic

Comprehension:

Read the given passage and answer the questions that follow.

Dilya-eje, a secondary school teacher in the border village of Samarkandek, Kyrgyzstan, often visits the houses of her neighbourhood to record the children who should attend school the next year. She always indicates the status of their parents in her notebook. More than half of the parents are labelled as migrants.

When men migrate, women take on the usual male roles: today most agricultural labour in the villages is done by women. But in Kyrgyzstan there are also a high number of women migrants. In 2016, women accounted for about 40% of total Kyrgyz labour migrants to Russia. Some are divorced or married women and some are very young girls who begin to earn money just after graduating from high school. Women migrating to Russia are usually employed in the service sector.

Because of these trends, traditional notions of femininity and masculinity are now often in conflict. Despite the fact that these women are sometimes the main source of income in their families, they have to face misogynistic behaviour – and violence.

SubQuestion No : 23

Q.23 What does the passage actually mean when it says that the women do agricultural labour?

- Ans**
- 1. They accept the harsh realities.
 - 2. They assume the male roles.
 - 3. They rewrite history.
 - 4. They create alternative culture.

Comprehension:

Read the given passage and answer the questions that follow.

Dilya-eje, a secondary school teacher in the border village of Samarkandek, Kyrgyzstan, often visits the houses of her neighbourhood to record the children who should attend school the next year. She always indicates the status of their parents in her notebook. More than half of the parents are labelled as migrants.

When men migrate, women take on the usual male roles: today most agricultural labour in the villages is done by women. But in Kyrgyzstan there are also a high number of women migrants. In 2016, women accounted for about 40% of total Kyrgyz labour migrants to Russia. Some are divorced or married women and some are very young girls who begin to earn money just after graduating from high school. Women migrating to Russia are usually employed in the service sector.

Because of these trends, traditional notions of femininity and masculinity are now often in conflict. Despite the fact that these women are sometimes the main source of income in their families, they have to face misogynistic behaviour – and violence.

SubQuestion No : 24

Q.24 Identify the most suitable title for the passage.

- Ans**
- ✓ 1. Pangs of the Migrant Kyrgyz Women
 - ✗ 2. Independence of the Kyrgyz Women
 - ✗ 3. Power of Education in Kyrgyzstan
 - ✗ 4. Gift of Russian Service

Comprehension:

Read the given passage and answer the questions that follow.

Dilya-eje, a secondary school teacher in the border village of Samarkandek, Kyrgyzstan, often visits the houses of her neighbourhood to record the children who should attend school the next year. She always indicates the status of their parents in her notebook. More than half of the parents are labelled as migrants.

When men migrate, women take on the usual male roles: today most agricultural labour in the villages is done by women. But in Kyrgyzstan there are also a high number of women migrants. In 2016, women accounted for about 40% of total Kyrgyz labour migrants to Russia. Some are divorced or married women and some are very young girls who begin to earn money just after graduating from high school. Women migrating to Russia are usually employed in the service sector.

Because of these trends, traditional notions of femininity and masculinity are now often in conflict. Despite the fact that these women are sometimes the main source of income in their families, they have to face misogynistic behaviour – and violence.

SubQuestion No : 25

Q.25 What does Dilya-eje realise about the status of the parents of the school children to be admitted?

- Ans**
- ✗ 1. Many of them are very poor
 - ✗ 2. Many of them are illiterate
 - ✓ 3. Half of them are migrants
 - ✗ 4. Half of them are uneducated

Selection Post Examination Phase XII 2024

Exam Date	25/06/2024
Exam Time	9:00 AM - 10:00 AM
Subject	Selection Post Matriculation level

Section : General Intelligence

Q.1 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 :: Bear : ?

- Ans
- 1. Cub
 - 2. Child
 - 3. Fawn
 - 4. Lamb

Q.2 In a code language, 'grass is green' is written as 'pp rr tt', 'vegetables are green' is written as 'rr dd ee', and 'bamboos are grass' is written as 'pp dd mm'. What is the code for the word 'vegetables' in that language?

- Ans
- 1. ee
 - 2. rr
 - 3. dd
 - 4. pp

Q.3 Which option represents the correct order of the given words as they would appear in an English dictionary?

1. CHATTER
2. CHASTISE
3. CHARTER
4. CHANT
5. CHAIR

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

Q.4 In a certain code language,
 'A + B' means 'A is the daughter of B',
 'A - B' means 'A is the husband of B',
 'A × B' means 'A is the mother of B' and
 'A ÷ B' means 'A is the father of B'.
 How is B related to D, if $A \times B + C \div D$?

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

Q.5 In a certain language, GATE is coded as FZSD, and PANT is coded as OZMS. How will BANK be coded in the same language?

- Ans
- 1. KNAB
 - 2. CBOK
 - 3. ABKN
 - 4. AZMJ

Q.6 In a certain code language, SAD is coded as 48 and DOG is coded as 52. What is the code for HIT in that language?

- Ans
- 1. 74
 - 2. 73
 - 3. 47
 - 4. 37

Q.7 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

SA_C__S_D_AT__D C A_S_DC_T

- Ans
- 1. DTATSDADAA
 - 2. DATACSATAA
 - 3. SASASSASAA
 - 4. CASASSASAS

Q.8 In a certain code language, 'BUTTON' is coded as 'CTVRRK' and 'ACTUAL' is coded as 'BBVSDI'. How will 'STRONG' be coded in the same language?

- Ans
- 1. TRTNQE
 - 2. TSTMQD
 - 3. RSTMQD
 - 4. TSSMRD

Q.9 Which of the following letter-clusters will replace the question mark (?) in the given series?
XJPC YLOA ZNNY APMW ?

- Ans
- 1. BQKU
 - 2. BRLU
 - 3. BRKU
 - 4. CRKU

Q.10 What will come in the place of the question mark (?) in the following equation, if '÷' and '-' are interchanged and 'x' and '+' are interchanged?

$$[(48 - 2) \div 23] \times 19 + 3 = ?$$

- Ans
- 1. 48
 - 2. 68
 - 3. 58
 - 4. 38

Q.11 In a certain code language, 'all fell down' is written as 'jm ib fc', and 'down the road' is coded as 'ib gb tf'. How will 'down' be coded in that language?

- Ans
- 1. tf
 - 2. ib
 - 3. gb
 - 4. fc

Q.12 Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

$$4862 : 6428 :: 3952 : 5392 :: 1758 : ?$$

- Ans
- 1. 2593
 - 2. 8765
 - 3. 8517
 - 4. 3857

Q.13 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

- 1 Western Europe
- 2 Germany
- 3 Munich
- 4 Europe
- 5 Bavaria

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

Q.14 Which of the following terms will replace the question mark (?) in the given series?

WCKY, XENC, ?, ZITK, AKWO

Ans 1. YGSY
 2. YCQG
 3. YCSY
 4. YGQG

Q.15 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:

- 1) Some lamps are bulbs.
- 2) All bulbs are tubes.
- 3) Some tubes are pipes.

Conclusions:

- I. All bulbs are pipes.
- II. At least some lamps are tubes.

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

Q.16 What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and 'x' and '÷' are interchanged?

$$(28 \div 4) - (15 \times 3) + 48 = ?$$

Ans 1. 58
 2. 62
 3. 75
 4. 69

Q.17 Select the option that represents the letters that, when sequentially placed from left to right in the blanks, will complete the letter series.

_ c b _ _ a m c c _ e a a _ c c _ e _ _ m

Ans 1. c e a b m b a a
 2. c a e b m b e a
 3. c e a b m b e a
 4. c a a b m b a a

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

1, 2, 4, ?, 11, ?, 22

- Ans
- 1. 6, 18
 - 2. 8, 20
 - 3. 5, 17
 - 4. 7, 16

Q.19 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 art is a drawing.

II. Some drawings are paintings.

III. All sketches are paintings.

Conclusions:

I. No sketch is a drawing.

II. No painting is an art.

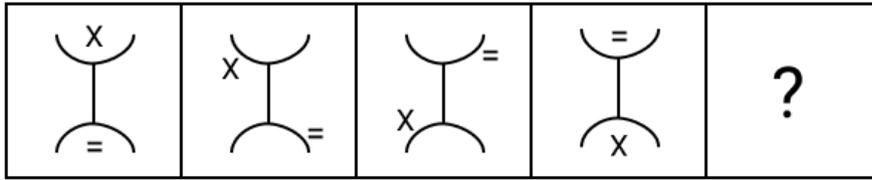
- Ans
- 1. Only conclusion II follows
 - 2. Both conclusions I and II follow
 - 3. Neither conclusion I nor II follows
 - 4. Only conclusion I follows

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

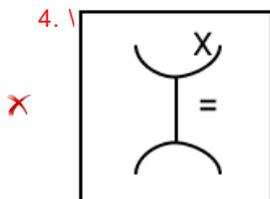
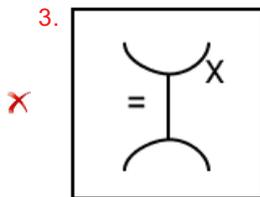
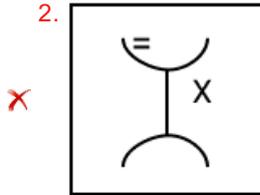
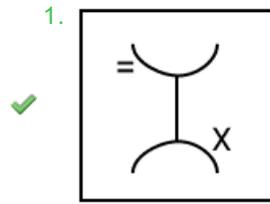
MASTER : RETSAM :: DURING : GNIRUD :: THEORY : ?

- Ans
- 1. YROEGS
 - 2. WROHET
 - 3. YROEHT
 - 4. ZSOEIS

Q.21 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.



Ans



Q.22 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown below.



- Ans
- 1. W K Γ C H B O
 - 2. Q R H G I K W
 - 3. Q R H G I K M
 - 4. Q R H G I K M

Q.23 In a certain code language,
 'M + N' means 'M is the daughter of N',
 'M - N' means 'M is the father of N',
 'M * N' means 'M is the wife of N',
 'M \$ N' means 'M is the son of N'.
 Based on the above, how is A related to C if 'A + B * C'?

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

Q.24 Which of the following letter-clusters will replace the question mark (?) in the given series?
 IJKL, MNOP, QRST, ?, YZAB

- Ans
- 1. TUYZ
 - 2. TUWX
 - 3. UVYZ
 - 4. UVWX

Q.25 In a certain code, PROVIDE is written as QSPWJEF and PLATE is written as QMBUF. What is the code for POND?

- Ans
- 1. PNOD
 - 2. RQPF
 - 3. ONMC
 - 4. QPOE

Section : General Awareness

Q.1 The Sisodiya ruler of Mewar, Amar Singh, accepted Mughal service during the reign of _____.

- Ans
- 1. Akbar
 - 2. Shah Jahan
 - 3. Jahangir
 - 4. Aurangzeb

Q2 Which of the following Articles of the Constitution of India deals with the appointment of the Comptroller and Auditor General of India?

- Ans
- 1. Article 148
 - 2. Article 145
 - 3. Article 146
 - 4. Article 140

Q3 Launched in March 2023, the VAIBHAV fellowship for Indian diaspora that aims at improving the research ecosystem of India's Higher Educational and Scientific Institutions is for a researcher engaged in an overseas academic/research/industrial organisation working in the top _____ QS World University Ranking.

- Ans
- 1. 300
 - 2. 200
 - 3. 400
 - 4. 500

Q4 Who was appointed as the Chairman of National Bank for Financing Infrastructure and Development (NaBFID) in October 2021?

- Ans
- 1. NR Narayana Murthy
 - 2. KV Kamath
 - 3. Nandan Nilekani
 - 4. Uday Kotak

Q5 Which of the following states has the largest net-out migrants?

- Ans
- 1. Uttar Pradesh
 - 2. Gujarat
 - 3. Haryana
 - 4. Maharashtra

Q6 Sashastra Seema Bal is the lead intelligence unit for the _____ and Bhutan borders and the coordinating agency for national security activities.

- Ans
- 1. Nepal
 - 2. Bangladesh
 - 3. Pakistan
 - 4. Myanmar

Q7 'An Unsuitable Boy' is the autobiography of which Indian personality?

- Ans
- 1. AR Rahman
 - 2. Virat Kohli
 - 3. Salman Khan
 - 4. Karan Johar

Q8 The historic Salt March was started by Mahatma Gandhi and his followers from _____.

- Ans
- 1. Gandhinagar
 - 2. Dandi
 - 3. Kheda
 - 4. Sabarmati Ashram

Q.9 Post 1857 revolt, the Peel commission was set up to give on recommendations on _____ reorganisation of British India.

- Ans
- 1. telecom
 - 2. trade
 - 3. land revenue
 - 4. military

Q.10 Who was recognised for his services in the discovery of inert gaseous elements in air and in the determination of their place in the periodic system?

- Ans
- 1. Henry Miers
 - 2. Lord Rayleigh
 - 3. Sir William Ramsay
 - 4. Henry Cavendish

Q.11 The National Health Authority (NHA), Ministry of Health and Family Welfare (MoHFW), has organised '_____' to celebrate five years of Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY) and two years of Ayushman Bharat Digital Mission (ABDM) on 25th and 26th September 2023 in New Delhi.

- Ans
- 1. Bharat Arogya Mela
 - 2. Ayushman Ayojan
 - 3. Arogya Manthan
 - 4. Swasthya Kalyan

Q.12 Which of the following holy days in Christianity is a mourning day?

- Ans
- 1. Easter
 - 2. Christmas
 - 3. Maundy Thursday
 - 4. Good Friday

Q.13 What is the name of the cold phase of the ENSO climate pattern that describes the unusual cooling of the surface waters of the region?

- Ans
- 1. La Nina
 - 2. ENSO-neutral
 - 3. NINO-3 region
 - 4. Trans-Nino

Q.14 Which of the following leagues is related to the game of football?

- Ans
- 1. Indian Soft League
 - 2. Indian Super League
 - 3. Indian Supra League
 - 4. Super Indian League

Q.15 The cell wall of spirogyra contains:

- Ans
- 1. cellulose
 - 2. suberin
 - 3. lignin
 - 4. Chitin

Q.16 Who is considered as the 'linchpin of the Government'?

- Ans
- 1. Prime Minister
 - 2. Vice-President
 - 3. President
 - 4. Chief Justice of the Supreme Court

Q.17 NALCO is an Indian government enterprise, dealing with which of the following minerals?

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

Q.18 From which of the following epics did the Garadi folk dance of Puducherry originate?

- Ans
- 1. Ramayana
 - 2. Panchatantra
 - 3. Hitopadesha
 - 4. Mahabharata

Q.19 Which state of India does the musician Shyamamani Devi belong to?

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

Q.20 During the reign of which of the Pallava kings was the shore temple at Mahabalipuram built?

- Ans
- 1. Paramesvaravarman I
 - 2. Narasimhavarman II
 - 3. Narasimhavarman I
 - 4. Mahendravarman II

Q.21 Biotic potential can be defined as:

- Ans
- 1. the minimum number of individuals of a species that can survive but cannot reproduce
 - 2. the maximum number of individuals a species can produce
 - 3. the minimum number of individuals a species can produce
 - 4. the maximum number of individuals of a species that cannot survive after birth

Q.22 Who among the following rulers was defeated in the battle for Pataliputra by Chandragupta Maurya?

- Ans
- 1. Dhana Nanda
 - 2. Megasthenes
 - 3. Seleucus Nicator
 - 4. Elara

Q.23 In 1962, who published 'The History of Ocean Basins', which outlined the theory of how tectonic plates could move, later called 'sea floor spreading'?

- Ans
- 1. Louis Bauer
 - 2. Harry Hammond Hess
 - 3. Alfred Wegener
 - 4. George Edward Backus

Q.24 The emergency provisions of the Indian Constitution are borrowed from the Government of India Act, _____.

- Ans
- 1. 1935
 - 2. 1940
 - 3. 1933
 - 4. 1931

Q.25 How many players from one team can play in a Kabaddi match at a time?

- Ans
- 1. 10
 - 2. 9
 - 3. 8
 - 4. 7

Section : Quantitative Aptitude

Q.1 If the weight of A is 40 kg, weight of B is 54 kg and weight of C is 62 kg, then what is the average weight (in kg) of the three persons?

- Ans
- 1. 58
 - 2. 156
 - 3. 78
 - 4. 52

Q.2 In an examination, there were two papers, A and B, and the maximum mark in each of the two papers was 10. However, the weights assigned to papers A and B were in the ratio 2 : 1, respectively. Riddhi scored 8 out of 10 in Paper B, and an overall 70% in the examination. How much did she score in Paper A out of 10?

- Ans
- 1. 5.5
 - 2. 6.5
 - 3. 6
 - 4. 5

Q.3 If $(5)^{55}$ is divided by 4, then the remainder is:

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

Q.4 A person bought bananas at 6 for ₹12 and sold them at 8 for ₹10. Find his gain or loss percentage?

- Ans
- 1. 0.375% loss
 - 2. 375% gain
 - 3. 3.75% gain
 - 4. 37.5% loss

Q.5 How many cubes of length 50 cm can be accommodated in a container of 5 m in length, 2 m in width and 5 m in height?

- Ans
- 1. 500
 - 2. 250
 - 3. 400
 - 4. 450

Q.6 In measuring the sides of a rectangle, one side is taken 10% in excess, and the other 8% in deficit. The error percent in the area calculated from these measurements is:

- Ans
- 1. 0.8%
 - 2. 1.2%
 - 3. 1.4%
 - 4. 1.0%

Q.7 Two trains of equal length take 10 s and 20 s, respectively, to cross a pole. If these trains are moving in the same direction, then how long will they take to cross each other?

- Ans
- 1. 15 sec
 - 2. 40 sec
 - 3. 10 sec
 - 4. 30 sec

Q.8 An item costs Rs15,000. A customer can choose either 30% discount or the buy two get one free offer. Jeevan chose the first offer and Rakshit chose the second offer. Find the difference in their payment for a single item.

- Ans
- 1. Rs.10,000
 - 2. Rs.500
 - 3. Rs.750
 - 4. Rs.10,500

Q.9 An annual instalment of ₹3,500 will discharge a debt of ₹16,310 due in 4 years at $y\%$ simple interest per annum. What is the value of y ? [Note: Instalments will be paid at the end of Year 1, Year 2, Year 3 and Year 4.]

- Ans
- 1. 11
 - 2. 16.5
 - 3. 11.5
 - 4. 10.5

Q.10 A store is running a scheme for offering a discount of 12% if the customer pays instantly, and a discount of 6% if purchased through credit card. The benefit of the scheme may be split on the amount of payment, however only one discount shall be given on one item. There is no discount on any other type of transaction. Ankur purchased a shirt from the store, whose marked price was ₹2,200, through credit card and paid instantly for the purchase of a coat marked at ₹7,500. What was the total amount (in ₹) billed?

- Ans
- 1. 8778
 - 2. 8668
 - 3. 8814
 - 4. 8568

Q.11 The price of a television set and a washing machine are in the ratio of 8 : 7. If the cost of the television set is ₹4,800 more than the cost of the washing machine, then find the price of the washing machine.

- Ans
- 1. ₹33,600
 - 2. ₹33,700
 - 3. ₹33,500
 - 4. ₹33,000

Q.12 The initial ratio of water and milk in a mixture of 84 litres is 2:5. What quantity of water (in litres) should be added to the mixture so that the resulting mixture has 50% of water?

- Ans
- 1. 32
 - 2. 16
 - 3. 18
 - 4. 36

Q.13 The amount of debt that will be discharged by 5 equal monthly instalments of ₹1,845 each, at the rate of 48% simple interest per annum, is:

- Ans
- 1. ₹9,048
 - 2. ₹9,936
 - 3. ₹9,963
 - 4. ₹9,468

Q.14 Two workers - Sagar and Manish - are working on a heavy machine to melt waste metal. Sagar can complete the work in 15 days while both workers on alternate basis can complete the work in 12 days. In how many days can Manish alone complete the work?

- Ans
- 1. 30
 - 2. 18
 - 3. 10
 - 4. 9

Q.15 Which of the following statements is true?

- Ans
- 1. The sum of deviations of the items from the arithmetic mean is always zero.
 - 2. The sum of deviations of the items from the arithmetic mean is always one.
 - 3. Arithmetic mean is the sum of deviations from the mid value.
 - 4. The sum of the squared deviations of the items from the arithmetic mean is maximum.

Q.16 The radius and height of a cylinder are in the ratio 7 : 13 and its volume is 6006 cm^3 . Its radius will be:
(Use $\pi = \frac{22}{7}$)

- Ans
- 1. $7 \times 3^{\frac{1}{3}} \text{ cm}$
 - 2. $6 \times 2^{\frac{1}{3}} \text{ cm}$
 - 3. $3 \times 2^{\frac{1}{3}} \text{ cm}$
 - 4. $5 \times 2^{\frac{1}{3}} \text{ cm}$

Q.17 Find the third proportional to 5 and 15 which is equal to the fourth proportional of 2, 5 and 18.

- Ans
- 1. 36
 - 2. 32
 - 3. 46
 - 4. 45

Q.18 A number when divided by a divisor leaves a remainder of 24. When twice the original number is divided by the same divisor, the remainder is 13. What is the value of the divisor?

- Ans
- 1. 35
 - 2. 37
 - 3. 30
 - 4. 25

Q.19 A bank gives simple interest at the rate of 4.5% per annum. How much money (in ₹) should a person deposit to get ₹7,500 as interest every year?

- Ans
- 1. 2,66,666.67
 - 2. 1,33,333.33
 - 3. 1,66,666.67
 - 4. 2,33,333.33

Q.20 A tradesman marked his goods at 26% above its cost price and then allowed a discount of 13%. His gain (in %) is:

- Ans
- 1. 9.26
 - 2. 9.62
 - 3. 6.29
 - 4. 6.92

Q.21 If the GST on a certain article was Rs.600 two years back and it increased to Rs.750 this year, find the percentage increase in the GST on that article.

- Ans
- 1. 15%
 - 2. 30%
 - 3. 25%
 - 4. 20%

Q.22 The cost price of 10 apples is equal to the selling price of 20 apples. Find the loss or gain percentage.

- Ans
- 1. Loss 40%
 - 2. Gain 10%
 - 3. Loss 50%
 - 4. Gain 20%

Q.23 Two trains start at the same time from stations P and Q and travel towards each other at the speeds of 75 km/h and 100 km/h, respectively. When they meet, it is found that one train has travelled 50 km more than the other. The distance (in km) between two stations is:

- Ans
- 1. 325
 - 2. 375
 - 3. 300
 - 4. 350

Q.24 A city's population grows by 10% in the first year, 20% in the second year and 10% in the third year. If the population after 3 years is 8,71,200, then what was the original population 3 years ago?

- Ans
- 1. 7,92,000
 - 2. 7,00,000
 - 3. 6,60,000
 - 4. 6,00,000

Q.25 A goods train 350 m long passes through a tunnel of 1250m in 80 seconds. What is the speed of the train?

- Ans
- 1. 56 km/h
 - 2. 64 km/h
 - 3. 78 km/h
 - 4. 72 km/h

Section : English Language

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

Delighted

- Ans
- 1. Joyful
 - 2. Sad
 - 3. Confused
 - 4. Angry

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

To frighten or threaten someone, usually in order to persuade the person to do something he or she does not wish to do

- Ans
- 1. Intimidate
 - 2. Compel
 - 3. Forceless
 - 4. Authoritative

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

- Ans
- 1. Attraction
 - 2. Modesty
 - 3. Assurance
 - 4. Aristocracy

Q.4 Select the option that can be used as a one-word substitute for the given group of words.

An extremely abnormal fear of confined space

- Ans
- 1. Claustrophobia
 - 2. Glossophobia
 - 3. Selenophobia
 - 4. Acrophobia

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

Sindhu mailed the letter.

- Ans
- 1. The letter was mailed by Sindhu.
 - 2. Sindhu was mailed by the letter.
 - 3. Letter mailed by the Sindhu.
 - 4. The letter was mailed by the Sindhu.

Q6 Select the most appropriate option to fill in the blanks.

Nicholas Copernicus is famous for showing the world that the sun is the _____ of the universe in 1543 AD in Poland. He also noticed that some planets appeared to change directions when moving _____ the sky. Earlier astronomers believed in the phenomenon of retrograde motion but Copernicus saw it as _____ that earth orbited the sun like other planets did.

- Ans
- 1. foundation; inside; display
 - 2. centre; across; proof
 - 3. polar; off; indicate
 - 4. bipolar; through; evidence

Q7 Select the most appropriate ANTONYM of the given word.

Enthusiastic

- Ans
- 1. Fanatic
 - 2. Apathetic
 - 3. Desperate
 - 4. Courageous

Q8 Select the INCORRECTLY spelt word in the options given below.

- Ans
- 1. Deficiency
 - 2. Amateur
 - 3. Noticeable
 - 4. Comparision

Q9 Select the correctly spelt word to fill in the blank.

The people affected with _____ are vulnerable to other infections as well.

- Ans
- 1. neumonia
 - 2. pnemonea
 - 3. pnemonia
 - 4. pneumonia

Q10 Select the option that expresses the given sentence in direct speech.

He said that he might change that format.

- Ans
- 1. He said, "I will change that format".
 - 2. He said, "I may change this format".
 - 3. He told, "He may change that format".
 - 4. He says, "He might change that format".

Q11 Select the most appropriate ANTONYM of the given word.

Sunny

- Ans
- 1. Bright
 - 2. Cloudy
 - 3. Fair
 - 4. Brilliant

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

He wanted to be a professional basketball player but given his height, luck was against him.

- Ans
- 1. his principles were against him
 - 2. the cards were stacked against him
 - 3. his health was not in his favour
 - 4. the ball was against him

Q.13 Select the most appropriate synonym of the given word.

Lullaby

- Ans
- 1. Love
 - 2. Baby
 - 3. Disturb
 - 4. Song

Q.14 Select the option with the correct spelling to substitute the underlined word in the given sentence.

It was a priviledge to meet the finance minister of the country last week.

- Ans
- 1. previledge
 - 2. privledge
 - 3. privilage
 - 4. privilege

Q.15 Select the most appropriate meaning of the given idiom.

No one even thought that Sheila's success would burst the bubble.

- Ans
- 1. Change her into arrogance
 - 2. Break the border
 - 3. Last for ever
 - 4. Suddenly end

Comprehension:

In the following passage some words have been deleted. Select the most appropriate option to fill in the blank.

Curd contains several microorganisms. Of these, the bacterium, Lactobacillus ___(1)___ the formation of curd. It multiplies in milk and ___(2)___ it into curd. Bacteria are also involved in the ___(3)___ of cheese, pickles and many other food items. Bacteria and yeast are also helpful for the fermentation of rice idlis and dosa batter. Yeast ___(4)___ rapidly and produces carbon dioxide during respiration. Bubbles of the gas fill the dough and increase its ___(5)___. This is the basis of the use of yeast in the baking industry for making bread, pastries and cakes.

SubQuestion No : 16

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

- Ans
- 1. help
 - 2. cause
 - 3. lead
 - 4. promotes

Comprehension:

In the following passage some words have been deleted. Select the most appropriate option to fill in the blank.

Curd contains several microorganisms. Of these, the bacterium, Lactobacillus ____ (1) ____ the formation of curd. It multiplies in milk and ____ (2) ____ it into curd. Bacteria are also involved in the ____ (3) ____ of cheese, pickles and many other food items. Bacteria and yeast are also helpful for the fermentation of rice idlis and dosa batter. Yeast ____ (4) ____ rapidly and produces carbon dioxide during respiration. Bubbles of the gas fill the dough and increase its ____ (5) ____ . This is the basis of the use of yeast in the baking industry for making bread, pastries and cakes.

SubQuestion No : 17

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

- Ans
- 1. cause
 - 2. change
 - 3. converts
 - 4. leads

Comprehension:

In the following passage some words have been deleted. Select the most appropriate option to fill in the blank.

Curd contains several microorganisms. Of these, the bacterium, Lactobacillus ____ (1) ____ the formation of curd. It multiplies in milk and ____ (2) ____ it into curd. Bacteria are also involved in the ____ (3) ____ of cheese, pickles and many other food items. Bacteria and yeast are also helpful for the fermentation of rice idlis and dosa batter. Yeast ____ (4) ____ rapidly and produces carbon dioxide during respiration. Bubbles of the gas fill the dough and increase its ____ (5) ____ . This is the basis of the use of yeast in the baking industry for making bread, pastries and cakes.

SubQuestion No : 18

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

- Ans
- 1. making
 - 2. causing
 - 3. converting
 - 4. changing

Comprehension:

In the following passage some words have been deleted. Select the most appropriate option to fill in the blank.

Curd contains several microorganisms. Of these, the bacterium, Lactobacillus ____ (1) ____ the formation of curd. It multiplies in milk and ____ (2) ____ it into curd. Bacteria are also involved in the ____ (3) ____ of cheese, pickles and many other food items. Bacteria and yeast are also helpful for the fermentation of rice idlis and dosa batter. Yeast ____ (4) ____ rapidly and produces carbon dioxide during respiration. Bubbles of the gas fill the dough and increase its ____ (5) ____ . This is the basis of the use of yeast in the baking industry for making bread, pastries and cakes.

SubQuestion No : 19

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

- Ans
- 1. leads
 - 2. convert
 - 3. change
 - 4. reproduces

Comprehension:

In the following passage some words have been deleted. Select the most appropriate option to fill in the blank.

Curd contains several microorganisms. Of these, the bacterium, Lactobacillus ____ (1) ____ the formation of curd. It multiplies in milk and ____ (2) ____ it into curd. Bacteria are also involved in the ____ (3) ____ of cheese, pickles and many other food items. Bacteria and yeast are also helpful for the fermentation of rice idlis and dosa batter. Yeast ____ (4) ____ rapidly and produces carbon dioxide during respiration. Bubbles of the gas fill the dough and increase its ____ (5) ____ . This is the basis of the use of yeast in the baking industry for making bread, pastries and cakes.

SubQuestion No : 20

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

- Ans
- 1. length
 - 2. volume
 - 3. shape
 - 4. width

Comprehension:

Read the given passage and answer the questions that follow.

A potential flashpoint in the long-running boundary dispute between Maharashtra and Karnataka was averted when the scheduled visit of two ministers in the Maharashtra government to Belgavi was called off. Unfortunately, this will not end the disruption endured by people in the area. Prohibitory orders have been imposed, public transport disrupted, and the atmosphere remains charged. The immediate trigger for this round of flare-ups is the conduct of senior functionaries in both governments and organisations with a stake in the issue.

The dispute goes back to reorganisation of states on linguistic lines in the 1950s. Multilingual regions were demarcated and Maharashtra's governments have been unsatisfied with the allocation of Belgavi to Karnataka. A joint effort by governments in the two states in the 1960s to find a solution did not fructify. The dispute currently is in the Supreme Court. In other words, no amount of grandstanding by politicians on both sides is going to result in redrawing borders. However, that hasn't prevented them from periodically raking it up with the consequences borne by people in the region. As is the case with border areas, many inhabitants speak both languages even as politicians are ostensibly fighting the cause of speakers of one language.

India does need a more active national interstate council to manage tensions that arise out of disagreements over maps. However, an inactive council cannot condone the conduct of senior politicians as heated rhetoric causes collateral damage. India's painstaking transition to dismantling interstate fiscal barriers through the roll-out of GST is undermined when physical movement of goods and people get disrupted by escalating tension. The political class that set aside differences to arrive at a grand bargain and created a common market in India should not undo their achievement. One of India's strengths is the extent of multilingualism even when internal borders have been determined largely on linguistic basis. Politicians need to learn from common Indians.

SubQuestion No : 21

Q.21 Identify the most suitable title for the passage.

- Ans**
- 1. Political Leaders and Their Corruption
 - 2. Linguistic Love of The People
 - 3. Border Disputes and Political Fuel
 - 4. Unending Love of Religion

Comprehension:

Read the given passage and answer the questions that follow.

A potential flashpoint in the long-running boundary dispute between Maharashtra and Karnataka was averted when the scheduled visit of two ministers in the Maharashtra government to Belgavi was called off. Unfortunately, this will not end the disruption endured by people in the area. Prohibitory orders have been imposed, public transport disrupted, and the atmosphere remains charged. The immediate trigger for this round of flare-ups is the conduct of senior functionaries in both governments and organisations with a stake in the issue.

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SubQuestion No : 22

Q.22 What is the apple of discord mentioned in the passage?

- Ans
- 1. Mumbai
 - 2. Bengaluru
 - 3. Belgavi
 - 4. Bellari

Comprehension:

Read the given passage and answer the questions that follow.

A potential flashpoint in the long-running boundary dispute between Maharashtra and Karnataka was averted when the scheduled visit of two ministers in the Maharashtra government to Belgavi was called off. Unfortunately, this will not end the disruption endured by people in the area. Prohibitory orders have been imposed, public transport disrupted, and the atmosphere remains charged. The immediate trigger for this round of flare-ups is the conduct of senior functionaries in both governments and organisations with a stake in the issue.

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SubQuestion No : 23

Q.23 Reorganisation of states in the 1950s was done based on _____.

- Ans**
- 1. economic lines
 - 2. religious lines
 - 3. linguistic lines
 - 4. castes

Comprehension:

Read the given passage and answer the questions that follow.

A potential flashpoint in the long-running boundary dispute between Maharashtra and Karnataka was averted when the scheduled visit of two ministers in the Maharashtra government to Belgavi was called off. Unfortunately, this will not end the disruption endured by people in the area. Prohibitory orders have been imposed, public transport disrupted, and the atmosphere remains charged. The immediate trigger for this round of flare-ups is the conduct of senior functionaries in both governments and organisations with a stake in the issue.

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SubQuestion No : 24

Q.24 Select the most appropriate **ANTONYM** of the word 'impose'.

- Ans**
- 1. Release
 - 2. Compel
 - 3. Cure
 - 4. Ennoble

Comprehension:

Read the given passage and answer the questions that follow.

A potential flashpoint in the long-running boundary dispute between Maharashtra and Karnataka was averted when the scheduled visit of two ministers in the Maharashtra government to Belgavi was called off. Unfortunately, this will not end the disruption endured by people in the area. Prohibitory orders have been imposed, public transport disrupted, and the atmosphere remains charged. The immediate trigger for this round of flare-ups is the conduct of senior functionaries in both governments and organisations with a stake in the issue.

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SubQuestion No : 25

Q.25 What is the passage based upon?

- Ans**
- 1. Linguistic narrowmindedness of the common men of the two states Karnataka and Maharashtra
 - 2. Existing border dispute between Karnataka and Maharashtra fuelled often by politicians, not common men
 - 3. The bureaucracy in India and the egoism of the leaders in the administration
 - 4. Political leaders and their opportunism in using court decisions for their own pastime

Selection Post Examination Phase XII 2024

Exam Date	26/06/2024
Exam Time	9:00 AM - 10:00 AM
Subject	Selection Post Matriculation level

Section : General Intelligence

Q.1 What will come in place of the question mark (?) in the following equation if '+' and 'x' are interchanged and '-' and '÷' are interchanged?

$$5 \div 9 - 3 \times 4 + 6 = ?$$

- Ans
- 1. 20
 - 2. 16
 - 3. 34
 - 4. 26

Q.2 Which two numbers (not individual digits) should be interchanged to make the given equation correct?

$$21 \times 5 - 35 + (42 \div 7) + 28 = 96$$

- Ans
- 1. 21 and 42
 - 2. 35 and 42
 - 3. 28 and 35
 - 4. 28 and 21

Q.3 If in a code language, REPORT is coded as 3 and CALM is coded as 2, what will be the code for TOGETHER?

- Ans
- 1. 5
 - 2. 10
 - 3. 8
 - 4. 4

Q.4 In a certain code language, 'HONOR' is coded as 16-30-28-30-36 and 'PLEAD' is coded as 32-24-10-2-8. How will 'LOCK' be coded in the same language?

- Ans
- 1. 24-30-6-22
 - 2. 26-32-8-20
 - 3. 26-30-8-22
 - 4. 24-32-6-22

Q.5 'A + B' means A is the mother of B
 'A ÷ B' means 'A is the wife of B',
 'A & B' means 'A is the brother of B',
 'A × B' means 'A is the sister of B',
 'A - B' means 'A is the father of B'.
 If 'A × Z + P & R ÷ Q - S', then how is Z related to S?

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

Q.6 Which of the following letter-clusters will replace the question mark (?) in the given series?
 ABZY, CDXW, EFVU, ?, IJRQ

- Ans
- 1. GHUS
 - 2. GHTS
 - 3. FHTS
 - 4. GHTT

Q.7 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.

MAKING : NCLKOI :: LUCENT : MWDGOV :: ISLAND : ?

- Ans
- 1. JUMDOF
 - 2. JUMCOE
 - 3. JUMCOF
 - 4. JUMCPF

Q.8 According to the series given below, fill in the blank with a suitable letter that would satisfy the series.

Z, A, Y, B, X, C, _____

- Ans
- 1. W
 - 2. V
 - 3. U
 - 4. D

Q.9 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.

ABZ, BCY, CDX, DEW, _____.

- Ans
- 1. EGH
 - 2. EFV
 - 3. EGV
 - 4. EFG

Q.10 In a certain language MET is coded as 32, and MOW is coded as 45. How will RUN be coded in the same language?

- Ans
- 1. 50
 - 2. 30
 - 3. 53
 - 4. 47

Q.11 Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.)

Cow : Pen :: Hare : ?

- Ans
- 1. Burrow
 - 2. Sty
 - 3. Rabbit
 - 4. Den

Q.12 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 picture is an album.

II. All albums are frames.

III. Some frames are portraits.

Conclusions:

I. No picture is a frame.

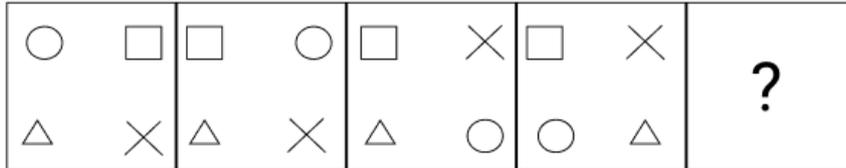
II. Some pictures are portraits.

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

Q.13 Select the numbers from among the given options that can replace the question marks (?) in the following series.
83, 86, 91, 98, ?, 122, ?

- Ans
- 1. 92, 173
 - 2. 109, 139
 - 3. 90, 171
 - 4. 98, 189

Q.14 Identify the figure given in the options which when put in place of the question mark (?) will logically complete the series.



Ans

- 1.

○	×
□	△
- 2.

○	□
×	△
- 3.

△	□
×	○
- 4.

○	×
△	□

Q.15 In a certain code language,
 $R + T$ means 'R is the sister of T'.
 $R - T$ means 'R is the father of T'.
 $R * T$ means 'R is the wife of T'.
 $R \div T$ means 'R is the mother of T'.
 Based on the above, how is H related to E if ' $D - E * F - G + H \div I + J$ '?

- Ans
- 1. Mother
 - 2. Daughter
 - 3. Father
 - 4. Wife

Q.16 In a certain code language, 'PARTIAL' is written as 'MZJSSZQ' and 'RADICAL' is written as 'MZDHEZS'. How will 'RESPOND' be written as in that language?

- Ans
- 1. EMPOTDS
 - 2. EMPQTDS
 - 3. EMQOTDS
 - 4. SDTOPME

Q.17 Select the option that indicates the correct arrangement of the given words in the order in which they appear in an English dictionary.

1. Anger
2. Analogy
3. Animate
4. Anchor
5. Anarchy

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

Q.18 Two 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:

- 1) All clothes are black.
- 2) All shirts are clothes.

Conclusions:

- I. All shirts are black.
- II. Some clothes are black.

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

Q.19 Select the option that is related to the fifth number in the same way as the fourth number is related to the third number and the second number is related to the first number.

37 : 43 :: 23 : 31 :: 17 : ?

- Ans
- 1. 25
 - 2. 21
 - 3. 23
 - 4. 19

Q.20 Select the correct mirror image of the given figure when the mirror is placed at line MN as shown below.



- Ans
- 1. K V N 7 Y 2 B
 - 2. K V N 7 Y 2 B
 - 3. K 2 Y 7 N V B
 - 4. B V N 7 Y 2 K

Q.21 In a certain code language, 'CURVED' is coded as 'FWSUCA' and 'LONDON' is coded as 'OQOCMK'. How will 'SIMPLE' be coded in the same language?

- Ans
- 1. VKNPJC
 - 2. WLNPDJ
 - 3. WLMOKB
 - 4. VKNOJB

Q.22 In a certain code, BANK is written as AZMJ and TALE is written as SZKD. What is the code for LAND?

- Ans
- 1. KZMC
 - 2. MBOE
 - 3. JYLB
 - 4. NDLA

Q.23 In a certain code language, BUG is coded as 24 and TWO is coded as 52. What is the code for ONE in that language?

- Ans
- 1. 32
 - 2. 33
 - 3. 27
 - 4. 28

Q.24 Which of the following letter-clusters will replace the question mark (?) in the given series?
FKAC, GLCE, HMEG, ?, JOIK

- Ans
- 1. JNGI
 - 2. INGI
 - 3. INHI
 - 4. INGJ

Q.25 Which option represents the correct order of the given words as they would appear in an English dictionary?

1. Groin
2. Groove
3. Grouch
4. Grocery
5. Gross

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

Section : General Awareness

Q.1 What is the title of the autobiography written by the renowned American professional boxer, Mike Tyson?

Ans 1. Undisputed Truth: My Autobiography
 2. Undisputed Life: My Story
 3. The Greatest: My Own Story
 4. Undeniable Story: My Life

Q.2 Which of the following groups represents essential amino acid?

Ans 1. Glycine, proline, serine, and tyrosine
 2. Histidine, isoleucine, leucine, lysine
 3. Alanine, isoleucine, leucine, lysine
 4. Alanine, arginine, asparagine, aspartic acid

Q.3 What is it called in basketball when a shot goes through the basket without touching the rim or backboard?

Ans 1. Screen
 2. Dime
 3. Technical foul
 4. Swish

Q.4 The Government has approved the continuation of pension for freedom fighters for financial years 2021-22 to 2025-26. What is the name of the scheme?

Ans 1. Veer Sainik Samman Yojna (VSSY)
 2. Swatantrata Sainik Yojana (SSY)
 3. One Rank One Pension Scheme (OROP)
 4. Swatantrata Sainik Samman Yojana (SSSY)

Q.5 Which of the following cell organelles is involved in apoptosis?

Ans 1. Golgi
 2. Mitochondria
 3. ER
 4. Lysosome

Q.6 'Sattriya' dance is predominantly practiced in which of the following states of India?

Ans 1. Tamil Nadu
 2. Kerala
 3. Assam
 4. Andhra Pradesh

Q.7 Rajataranagini, the book authored by Kalhana in 12th Century was originally written in which of the following languages?

- Ans
- 1. Tamil
 - 2. Shaurseni
 - 3. Sanskrit
 - 4. Telugu

Q.8 Which inert gas is used in double-glazed windows to fill the space between the panes?

- Ans
- 1. Argon
 - 2. Helium
 - 3. Radon
 - 4. Xenon

Q.9 The entire salaries, allowances and pensions of the chairman and members of the Union Public Service Commission are charged on the _____.

- Ans
- 1. Special Fund of the UPSC
 - 2. Reserve Bank of India
 - 3. Contingency fund of India
 - 4. Consolidated fund of India

Q.10 Which of the following are major coal fields in India?

- Ans
- 1. Satara and Pune
 - 2. Jhunjhunu and Alwar
 - 3. Jharia and Raniganj
 - 4. Coimbatore and Madurai

Q.11 The Darjeeling hills in India are world famous for _____ cultivation.

- Ans
- 1. cinnamon
 - 2. tea
 - 3. banana
 - 4. mango

Q.12 The 'National Food for Work Programme' was launched in the year 2004 by the Government of India in _____ most backward districts of India.

- Ans
- 1. 100
 - 2. 150
 - 3. 250
 - 4. 200

Q.13 What is the name of the process of gases being outpoured from the interior of the solid earth?

- Ans
- 1. Gas evolution
 - 2. Transpiration
 - 3. Degassing
 - 4. Evaporation

Q.14 Which of the following Pacts succeeded the Communal Award of 1932?

- Ans
- 1. Jinnah-Nehru Pact
 - 2. Ambedkar-CR Das Pact
 - 3. Gandhi-Jinnah Pact
 - 4. Gandhi-Ambedkar Pact

Q.15 The Myoko festival is celebrated in which of the following North-Eastern states of India?

- Ans
- 1. Meghalaya
 - 2. Arunachal Pradesh
 - 3. Manipur
 - 4. Sikkim

Q.16 _____ of the Indian Constitution sets qualifications for being a member of Lok Sabha.

- Ans
- 1. Article 74
 - 2. Article 76
 - 3. Article 64
 - 4. Article 84

Q.17 The 2024 Olympic Games will be hosted by _____.

- Ans
- 1. New Delhi
 - 2. Paris
 - 3. New York
 - 4. London

Q.18 Which of the following is expressed as the total number of deaths per thousand population per year in India?

- Ans
- 1. Infant Mortality rate
 - 2. Age Specific Death Rate
 - 3. Incidence Rate
 - 4. Death Rate

Q.19 Who was the founder of Jaipur-Atrauli gharana?

- Ans
- 1. Abdul Karim Khan
 - 2. Omkarnath Thakur
 - 3. Ali Baksh Khan
 - 4. Alladiya Khan

Q.20 When was the preamble to the Indian Constitution amended?

- Ans
- 1. 1974
 - 2. 1981
 - 3. 1980
 - 4. 1976

Q.21 All India Kisan Sabha was founded in 1936 at Indian National Congress (INC) _____ Session as All India Kisan Congress.

- Ans
- 1. Delhi
 - 2. Bombay
 - 3. Agra
 - 4. Lucknow

Q.22 How many Mahajanapadas were there during the age of Buddha?

- Ans
- 1. 15
 - 2. 9
 - 3. 16
 - 4. 26

Q.23 Who among the following was the first chairperson of National Commission for Women and a senior congress leader who passed away in 2022?

- Ans
- 1. Sushmita Dev
 - 2. Sheila Dikshit
 - 3. Jayanti Patnaik
 - 4. Ambika Soni

Q.24 The tall sculptures on the Bharhut Stupa are the depictions of _____.

- Ans
- 1. Yakshas and Yakshinis
 - 2. Bodhisattvas
 - 3. Buddha
 - 4. Mahavira

Q.25 Who had headed SEBI's High Powered Steering Committee on Cyber Security post expansion to the six-member committee in September 2022?

- Ans
- 1. Simanchala Dash
 - 2. Shambhu Kumar
 - 3. Navin Kumar Singh
 - 4. Manish Mani Tiwari

Section : Quantitative Aptitude

Q.1 Find the area of a right angle whose base is 15 cm and hypotenuse is 17 cm.

- Ans
- 1. 55 cm²
 - 2. 40 cm²
 - 3. 75 cm²
 - 4. 60 cm²

Q.2 In an examination, there were two papers, A and B, and the maximum mark in each of the two papers was 10. However, the weights assigned to papers A and B were in the ratio 2 : 1, respectively. Jonathan scored 8 out of 10 in Paper A and an overall 70% in the examination. How much did he score in Paper B out of 10?

- Ans
- 1. 6
 - 2. 5.5
 - 3. 6.5
 - 4. 5

Q.3 Three solid iron cubes of edges 8 cm, 10 cm and 12 cm are melted together to make a new cube. It is observed that 496 cm³ of the melted material is lost due to improper handling. The area (in cm²) of the whole surface of the newly formed cube is:

- Ans
- 1. 3375
 - 2. 1176
 - 3. 2197
 - 4. 1331

Q4 The percentage profit earned by selling an article for ₹1,910 is equal to the percentage loss incurred by selling the same article for ₹1,690. At what price (in ₹) should the article be sold to make a 12% profit?

- Ans
- 1. 2,106
 - 2. 2,016
 - 3. 2,610
 - 4. 2,160

Q5 What equal instalment of annual payment (in ₹) will discharge a debt that is due as ₹624 at the end of 5 years at 2% per annum simple interest?

- Ans
- 1. 150
 - 2. 240
 - 3. 120
 - 4. 180

Q6 A shopkeeper offers 25% discount on all the toys. He offers a further discount of 5% on the reduced price to those customers who pay in cash. How much does a customer have to pay (in ₹) in cash for a toy of ₹510? (Correct to two decimal places)

- Ans
- 1. 360.38
 - 2. 250.65
 - 3. 363.38
 - 4. 146.25

Q7 A and B can complete a piece of work in 25 days and 55 days, respectively. The total number of days (in whole number) to complete the work, if A and B both work together, is:

- Ans
- 1. 21
 - 2. 18
 - 3. 22
 - 4. 20

Q8 Shweta spends 21% of her monthly salary on house rent, 14% on education, and 13% on entertainment, and still saves ₹5,408. What is her monthly salary (in ₹)?

- Ans
- 1. 10,400
 - 2. 9,150
 - 3. 12,400
 - 4. 14,000

Q9 Rama sold a car costing ₹4,00,000 to Sansar at a loss of 20%. What is the selling price (in ₹)?

- Ans
- 1. 3,80,000
 - 2. 4,80,000
 - 3. 3,20,000
 - 4. 3,50,000

Q10 Three partners decided to start a business. They decided to donate 10% of the profit to a charity organisation and then the remaining profit would be shared among first, second and third partner in the ratio 1 : 2 : 2. The total profit received was ₹1,80,000. Find the share of the first partner.

- Ans
- 1. ₹31,800
 - 2. ₹29,600
 - 3. ₹33,200
 - 4. ₹32,400

Q.11 In an election, the total number of valid votes cast was 3,75,000. Candidate A secured 48% of the valid votes, with the rest of the valid votes going to the winner, Candidate B. By how many valid votes did Candidate B win over Candidate A?

- Ans
- 1. 15,250
 - 2. 13,500
 - 3. 15,000
 - 4. 14,750

Q.12 Sandeep spends 32% of his annual income on food, 20% of the remaining income on travelling, and 35% of the remaining income on clothes, and still saves ₹70,720 per year. What is the annual income (in ₹) of Sandeep?

- Ans
- 1. 5,44,000
 - 2. 3,75,000
 - 3. 2,00,000
 - 4. 4,50,000

Q.13 If the surface areas of two spheres are in the ratio of 9 : 49, then the ratio of their volumes is:

- Ans
- 1. 27 : 343
 - 2. 81 : 311
 - 3. 343 : 81
 - 4. 27 : 143

Q.14 Reshma covers 45 km at a speed of 15 km/h by bicycle, 80 km at a speed of 40 km/h by car, and another 6 km at a speed of 2 km/h on foot. Find her average speed for the whole journey (correct to 2 decimal places).

- Ans
- 1. 18.36 km/h
 - 2. 16.38 km/h
 - 3. 43.50 km/h
 - 4. 15.25 km/h

Q.15 A policeman chases a thief on a straight road. The policeman catches the thief in 15 minutes if he drives with a speed of 60 km/h and catches the thief in 0.5 hours if he drives with a speed 45 km/h. What should be his driving speed (in km/h) to catch the thief in just 10 minutes?

- Ans
- 1. 75
 - 2. 65
 - 3. 90
 - 4. 70

Q.16 In nine games, A wins five games with score differences of 12, 3, 8, 4 and 1, while in the remaining four games, he loses with score differences of -4, -1, -2 and -3. The average score difference of A in all the nine games is:

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

Q.17 Reena makes a profit of 20% by selling pens at a certain price. If she charges ₹5 more on each pen, she will gain 40%. The initial selling price of one pen was:

- Ans
- 1. ₹30
 - 2. ₹25
 - 3. ₹20
 - 4. ₹35

Q.18 A person crosses a road 350 metres wide in 70 seconds. His speed (in km/h) is:

- Ans
- 1. 19
 - 2. 15
 - 3. 18
 - 4. 17

Q.19 Four numbers are in the ratio of 2 : 3 : 4 : 5, and their sum is 56. Find the sum of the first and third numbers.

- Ans
- 1. 20
 - 2. 12
 - 3. 16
 - 4. 24

Q.20 What annual installment will discharge a debt of ₹5,460 due in 5 years at 10% simple interest per annum?

- Ans
- 1. ₹1,200
 - 2. ₹910
 - 3. ₹1,092
 - 4. ₹950

Q.21 ₹50,000 is deposited in a bank account. There was already some money in the account. Now the bank gives ₹7,500 as simple interest in a year. The rate of simple interest is 4.5% per annum. How much money (in ₹) was already there in the account?

- Ans
- 1. 1,16,666.67
 - 2. 1,66,666.67
 - 3. 1,33,333.33
 - 4. 1,13,333.33

Q.22 A shopkeeper gives a discount of 15% on the marked price of an article. If the selling price is ₹8,500, then the discount on it will be _____.

- Ans
- 1. ₹1,500
 - 2. ₹1,200
 - 3. ₹1,600
 - 4. ₹1,800

Q.23 How many numbers less than 1,000 are multiples of both 7 and 11?

- Ans
- 1. 12
 - 2. 11
 - 3. 10
 - 4. 13

Q.24 Which of the following numbers is divisible by 4.

- (i) 67920598
- (ii) 618703592
- (iii) 618703594
- (iv) 67920590

Ans 1. (i)
 2. (iv)
 3. (ii)
 4. (iii)

Q.25 From a container having pure milk, 40% is replaced by water and the process is repeated thrice. At the end of the third operation, the purity of milk is:

Ans 1. 22.7%
 2. 21.6%
 3. 18.6%
 4. 23.4%

Section : English Language

Q.1 Select the INCORRECTLY spelt word in the given sentence.

Within the walled palace, rows of attractive food stalls, souvenir boutiques and entertainment platforms have been erected by the prominent delegations.

Ans 1. erected
 2. boutiques
 3. prominent
 4. souvenir

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

That which cannot be satisfied

Ans 1. Prickly
 2. Insatiable
 3. Drastic
 4. Stubborn

Q.3 Select the most appropriate ANTONYM of the underlined word. The furniture displayed a wonderful combination of elegance and practicality.

Ans 1. Gracelessness
 2. Simplicity
 3. Magnificence
 4. Glory

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

Philosophers dating all the way back to Plato and the Ancient Greeks _____ placed significant emphasis on education.

Ans 1. was
 2. has
 3. have been
 4. have

Q.5 Select the INCORRECTLY spelt word.

- Ans
- 1. Extingish
 - 2. Extravagant
 - 3. Dependent
 - 4. Announcement

Q.6 Select the most appropriate idiom to fill in the blank.

Taking the summer job proved to be _____ for Anand's visa applications.

- Ans
- 1. come up
 - 2. on the contrary
 - 3. a blessing in disguise
 - 4. come in high

Q.7 Choose the sentence that contains correct spellings.

- Ans
- 1. Geeta is unable to ricall the events of five years ago in comparison to her brother, Mohit who can recollect the memories of his childhood.
 - 2. Geeta is unable to recall the events of five years ago in comparison to her brother, Mohit who can recollect the memories of his childhood.
 - 3. Geeta is unable to recal the events of five years ago in comparison to her brother, Mohit who can recollect the memories of his childhood.
 - 4. Geeta is unable to rekill the events of five years ago in comparison to her brother, Mohit who can recollect the memories of his childhood.

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

Bhavin said, 'I will take you now.'

- Ans
- 1. Bhavin said that he will be taking me then.
 - 2. Bhavin said that he has to take me now.
 - 3. Bhavin said that he will take you then.
 - 4. Bhavin said that he would take me then.

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

Retreat

- Ans
- 1. Withdraw
 - 2. Destruct
 - 3. Advance
 - 4. Dishonour

Q.10 Select the most appropriate ANTONYM of the underlined word.

The Russia-Ukraine war has caused chaos.

- Ans
- 1. Pitilessness
 - 2. Havoc
 - 3. Orderliness
 - 4. Modesty

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

Last month tomatoes were quite cheap.

- Ans
- 1. Costly
 - 2. Less
 - 3. Inexpensive
 - 4. Insufficient

Q.12 Select the option that can be used as a one-word substitute for the given group of words.

Hard but liable to be easily broken

- Ans
- 1. Stagnant
 - 2. Fragmentary
 - 3. Rudiment
 - 4. Brittle

Q.13 Select the most appropriate ANTONYM of the underlined word.

They were sure of their victory.

- Ans
- 1. Imprudent
 - 2. Doubtful
 - 3. Vengeful
 - 4. Confident

Q.14 Select the most appropriate meaning of the underlined idiom in the following sentence.

Dinisha visits her mother once in a blue moon

- Ans
- 1. Very frequently
 - 2. Every week
 - 3. Every month
 - 4. Very rarely

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

Ritika closed the box quickly.

- Ans
- 1. The box was closed by Ritika quickly.
 - 2. The box has been closed by Ritika quickly.
 - 3. The box is quickly closed by Ritika.
 - 4. The box had closed quickly by Ritika.

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 food industry in India accounts for about 26 percent of the gross domestic product (GDP) and will be one of the _____₁_____ growth areas in the years ahead. This has given _____₂_____ to international trade but has also increased the responsibility to achieve the appropriate level of _____₃_____ in terms of sanitary and phytosanitary protection. Further, the Indian Food Safety and Standards Act of 2006, reflects a major shift in food laws and seeks to provide greater consumer protection by _____₄_____ the safety and wholesomeness of food at all stages of the food chain. This changing scenario has widened the scope and _____₅_____ career options in this area.

SubQuestion No : 16

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

- Ans
- 1. major
 - 2. inferior
 - 3. minor
 - 4. superior

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 food industry in India accounts for about 26 percent of the gross domestic product (GDP) and will be one of the _____1_____ growth areas in the years ahead. This has given _____2_____ to international trade but has also increased the responsibility to achieve the appropriate level of _____3_____ in terms of sanitary and phytosanitary protection. Further, the Indian Food Safety and Standards Act of 2006, reflects a major shift in food laws and seeks to provide greater consumer protection by _____4_____ the safety and wholesomeness of food at all stages of the food chain. This changing scenario has widened the scope and _____5_____ career options in this area.

SubQuestion No : 17

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

- Ans
- 1. motivation
 - 2. assurance
 - 3. impetus
 - 4. energy

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 food industry in India accounts for about 26 percent of the gross domestic product (GDP) and will be one of the _____1_____ growth areas in the years ahead. This has given _____2_____ to international trade but has also increased the responsibility to achieve the appropriate level of _____3_____ in terms of sanitary and phytosanitary protection. Further, the Indian Food Safety and Standards Act of 2006, reflects a major shift in food laws and seeks to provide greater consumer protection by _____4_____ the safety and wholesomeness of food at all stages of the food chain. This changing scenario has widened the scope and _____5_____ career options in this area.

SubQuestion No : 18

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

- Ans
- 1. safety
 - 2. welfare
 - 3. immunity
 - 4. danger

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 food industry in India accounts for about 26 percent of the gross domestic product (GDP) and will be one of the _____ 1 _____ growth areas in the years ahead. This has given _____ 2 _____ to international trade but has also increased the responsibility to achieve the appropriate level of _____ 3 _____ in terms of sanitary and phytosanitary protection. Further, the Indian Food Safety and Standards Act of 2006, reflects a major shift in food laws and seeks to provide greater consumer protection by _____ 4 _____ the safety and wholesomeness of food at all stages of the food chain. This changing scenario has widened the scope and _____ 5 _____ career options in this area.

SubQuestion No : 19

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

- Ans
- 1. ensuring
 - 2. manipulating
 - 3. contradicting
 - 4. entangling

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 food industry in India accounts for about 26 percent of the gross domestic product (GDP) and will be one of the _____ 1 _____ growth areas in the years ahead. This has given _____ 2 _____ to international trade but has also increased the responsibility to achieve the appropriate level of _____ 3 _____ in terms of sanitary and phytosanitary protection. Further, the Indian Food Safety and Standards Act of 2006, reflects a major shift in food laws and seeks to provide greater consumer protection by _____ 4 _____ the safety and wholesomeness of food at all stages of the food chain. This changing scenario has widened the scope and _____ 5 _____ career options in this area.

SubQuestion No : 20

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

- Ans
- 1. emphasised
 - 2. increased
 - 3. Intensified
 - 4. enlarged

Comprehension:

Read the given passage and answer the questions that follow.

The World Wildlife Fund for Nature (WWF) has recently released its 'Living Planet Report 2022' – this finds a 69% decline in wildlife populations between 1970 and 2018. 'Vertebrate wildlife groups have fallen by two-thirds globally while freshwater species have shrunk by 83%. One million plants and animals face extinction – about 2.5% of birds, mammals, amphibians, reptiles and fish have gone forever. The crisis is caused by the Anthropocene, our era of sprawling human impacts, extending from heating Earth's atmosphere to making oceans acidic and destroying habitat. Many animals inhabit trees, nooks and crannies in forests across Earth – yet, every year, we destroy ten million hectares of forestlands. Our greenhouse gas emissions warm the world, causing extreme weather events, droughts, heatwaves, wildfires and the collapse of productive plants. This forces wildlife to travel, seeking water and food. As they wander, they face human-animal conflicts over resources. We have a few consolations of metal and plastic to amuse ourselves with through this destruction – the animals of the Anthropocene have none. However, losing them has huge implications for humanity. According to the World Economic Forum, an analysis of 163 industry sectors shows over half the world's GDP is dependent on nature and ecosystem services performed by animals. About \$44 trillion of economic value generation comes from such services- the World Bank finds their collapse could cause a \$2.7 trillion annual decline in global GDP by 2030, South Asia among the worst-hit. Alongside, without our fellow species, we lose the wonders and beauty of the world.

There are solutions to halt this growing loss. We can rejuvenate wild habitat, protect humans sharing lands with animals and respect wildlife's need or peace. Thinking about animals helps us understand the alchemy of existence.

SubQuestion No : 21

Q21 How much forestland, according to the passage, is destroyed every year?

- Ans**
- ✓ 1. Ten million hectares
 - ✗ 2. Two and half billion hectares
 - ✗ 3. Twenty-seven trillion hectares
 - ✗ 4. Two-and-a-half percent of land

Comprehension:

Read the given passage and answer the questions that follow.

The World Wildlife Fund for Nature (WWF) has recently released its 'Living Planet Report 2022' – this finds a 69% decline in wildlife populations between 1970 and 2018. 'Vertebrate wildlife groups have fallen by two-thirds globally while freshwater species have shrunk by 83%. One million plants and animals face extinction – about 2.5% of birds, mammals, amphibians, reptiles and fish have gone forever. The crisis is caused by the Anthropocene, our era of sprawling human impacts, extending from heating Earth's atmosphere to making oceans acidic and destroying habitat. Many animals inhabit trees, nooks and crannies in forests across Earth – yet, every year, we destroy ten million hectares of forestlands. Our greenhouse gas emissions warm the world, causing extreme weather events, droughts, heatwaves, wildfires and the collapse of productive plants. This forces wildlife to travel, seeking water and food. As they wander, they face human-animal conflicts over resources. We have a few consolations of metal and plastic to amuse ourselves with through this destruction – the animals of the Anthropocene have none. However, losing them has huge implications for humanity. According to the World Economic Forum, an analysis of 163 industry sectors shows over half the world's GDP is dependent on nature and ecosystem services performed by animals. About \$44 trillion of economic value generation comes from such services- the World Bank finds their collapse could cause a \$2.7 trillion annual decline in global GDP by 2030, South Asia among the worst-hit. Alongside, without our fellow species, we lose the wonders and beauty of the world.

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SubQuestion No : 22

Q.22 Which of the following is NOT one of the reasons for human-animal conflict?

- Ans
- 1. Heatwaves
 - 2. Excessive love of animals
 - 3. Animal's travel for food
 - 4. Destruction of forest land

Comprehension:

Read the given passage and answer the questions that follow.

The World Wildlife Fund for Nature (WWF) has recently released its 'Living Planet Report 2022' – this finds a 69% decline in wildlife populations between 1970 and 2018. 'Vertebrate wildlife groups have fallen by two-thirds globally while freshwater species have shrunk by 83%. One million plants and animals face extinction – about 2.5% of birds, mammals, amphibians, reptiles and fish have gone forever. The crisis is caused by the Anthropocene, our era of sprawling human impacts, extending from heating Earth's atmosphere to making oceans acidic and destroying habitat. Many animals inhabit trees, nooks and crannies in forests across Earth – yet, every year, we destroy ten million hectares of forestlands. Our greenhouse gas emissions warm the world, causing extreme weather events, droughts, heatwaves, wildfires and the collapse of productive plants. This forces wildlife to travel, seeking water and food. As they wander, they face human-animal conflicts over resources. We have a few consolations of metal and plastic to amuse ourselves with through this destruction – the animals of the Anthropocene have none. However, losing them has huge implications for humanity. According to the World Economic Forum, an analysis of 163 industry sectors shows over half the world's GDP is dependent on nature and ecosystem services performed by animals. About \$44 trillion of economic value generation comes from such services- the World Bank finds their collapse could cause a \$2.7 trillion annual decline in global GDP by 2030, South Asia among the worst-hit. Alongside, without our fellow species, we lose the wonders and beauty of the world.

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SubQuestion No : 23

Q.23 Select the most appropriate title for the given passage.

- Ans**
- 1. Birds and their Life
 - 2. Animal Life in India
 - 3. World Wildlife Fund and India
 - 4. Animals in the Anthropocene

Comprehension:

Read the given passage and answer the questions that follow.

The World Wildlife Fund for Nature (WWF) has recently released its 'Living Planet Report 2022' – this finds a 69% decline in wildlife populations between 1970 and 2018. 'Vertebrate wildlife groups have fallen by two-thirds globally while freshwater species have shrunk by 83%. One million plants and animals face extinction – about 2.5% of birds, mammals, amphibians, reptiles and fish have gone forever. The crisis is caused by the Anthropocene, our era of sprawling human impacts, extending from heating Earth's atmosphere to making oceans acidic and destroying habitat. Many animals inhabit trees, nooks and crannies in forests across Earth – yet, every year, we destroy ten million hectares of forestlands. Our greenhouse gas emissions warm the world, causing extreme weather events, droughts, heatwaves, wildfires and the collapse of productive plants. This forces wildlife to travel, seeking water and food. As they wander, they face human-animal conflicts over resources. We have a few consolations of metal and plastic to amuse ourselves with through this destruction – the animals of the Anthropocene have none. However, losing them has huge implications for humanity. According to the World Economic Forum, an analysis of 163 industry sectors shows over half the world's GDP is dependent on nature and ecosystem services performed by animals. About \$44 trillion of economic value generation comes from such services- the World Bank finds their collapse could cause a \$2.7 trillion annual decline in global GDP by 2030, South Asia among the worst-hit. Alongside, without our fellow species, we lose the wonders and beauty of the world.

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SubQuestion No : 24

Q.24 As per the World Economic Forum, half the world's GDP depends on _____.

- Ans
- 1. birds
 - 2. animals
 - 3. forests
 - 4. anthropocene

Comprehension:

Read the given passage and answer the questions that follow.

The World Wildlife Fund for Nature (WWF) has recently released its 'Living Planet Report 2022' – this finds a 69% decline in wildlife populations between 1970 and 2018. 'Vertebrate wildlife groups have fallen by two-thirds globally while freshwater species have shrunk by 83%. One million plants and animals face extinction – about 2.5% of birds, mammals, amphibians, reptiles and fish have gone forever. The crisis is caused by the Anthropocene, our era of sprawling human impacts, extending from heating Earth's atmosphere to making oceans acidic and destroying habitat. Many animals inhabit trees, nooks and crannies in forests across Earth – yet, every year, we destroy ten million hectares of forestlands. Our greenhouse gas emissions warm the world, causing extreme weather events, droughts, heatwaves, wildfires and the collapse of productive plants. This forces wildlife to travel, seeking water and food. As they wander, they face human-animal conflicts over resources. We have a few consolations of metal and plastic to amuse ourselves with through this destruction – the animals of the Anthropocene have none. However, losing them has huge implications for humanity. According to the World Economic Forum, an analysis of 163 industry sectors shows over half the world's GDP is dependent on nature and ecosystem services performed by animals. About \$44 trillion of economic value generation comes from such services- the World Bank finds their collapse could cause a \$2.7 trillion annual decline in global GDP by 2030, South Asia among the worst-hit. Alongside, without our fellow species, we lose the wonders and beauty of the world.

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SubQuestion No : 25

Q.25 Select the central theme of the passage.

- Ans**
- 1. As GDP growth depends on animals, we should replace them.
 - 2. For peace and economic well-being, man should not harm animals.
 - 3. Animals and humans should come to an agreement to live together.
 - 4. Forest protection should be taken care of by the governments.