## Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $02 / 02 / 2022$ |
| Exam Time | 3:00 PM - 4:00 PM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

Q. 1 'Ships' is related to 'Fleet' in the same way as 'Ants' is related to ' $\qquad$ '.
Ans
X 1. Gaggle

- 2. Colony

X 3. Herd
$\times$ 4. Shoal
Q. 2 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

RSU, NXO, JCI, ?, BMY
Ans
X1.EHD
2. EIC
3. FHC
<4. FID
Q. 3 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

6: 21 :: 4: ? :: $8: 36$
Ans
$\times 1.15$
2. 10
$\times 3.13$
4.17
Q. 4 If '+' means subtraction, ' $\div$ ' means addition, '<' means multiplication, and '>' means division, then find the value of the given expression.
$66 \div 11<9>(12>4)+5$
Ans
<1. 104
2.94
< 3.105
4.110
Q. 5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Lateralize
2. Language
3. Laborious
4. Lamentable
5. Luggage
6. Ladder

Ans
X 1.3, 6, 2, 4, 1, 5
< 2. 3, 2, 4, 6, 5, 1
(3.3, 6, 5, 4, 2, 1
4. $3,6,4,2,1,5$
Q. 6 A, B, C, D, E, F, G and H are sitting around a circular table facing the centre, but not necessarily in the same order. $E$ sits second to the left of C.C is an immediate neighbour of both $A$ and $G$. $G$ is an immediate neighbour of $E$. Only two persons sit between $E$ and $H$. $B$ is an immediate neighbour of $D$. Only one person sits between $B$ and F . What is the position of D with respect to H in the above arrangement?
Ans
X1. To the immediate right
2. Third to the left
3. Fourth to the left
4. Second to the right
Q. 7 In a certain code language, 'GOAT' is coded as ' 112 ', and 'LEAF' is coded as ' 74 '. How will 'PRIDE' be coded in that language?
Ans
X 1.140
X 2.204
$\times 3.240$

- 4.104
Q. 8 Select the number from among the given options that can replace the question mark
(?) in the following series.
3, 5, 7, 12, 37, 69, 357, ?
Ans
$\times 1.665$
- 2.656
$\times 3.461$

4. 416
Q. 9 If February is called 'April', April is called 'June', June is called 'August', August is called 'October', and October is called 'December', then in which month do we celebrate Independence Day?

Ans
X1. December
2. October

X 3. June
X 4. August
Q. 10 In a certain code language, FISH is coded as 12-18-38-16, and CRAB is coded as 6-36-2-4. How will FROG be coded in that language?
Ans
X1. 14-36-30-14
X 2. 14-36-32-12

- 3. 12-36-30-14

4. 12-38-32-14
Q. 11 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

Q_L_PQP_BPQ_LB_Q_L_P
Ans

1. $P, B, L, P, P, P, B$
2. $P, P, P, B, B, L, Q$
3. $P, Q, P, L, P, B, P$
4. P, Q, L, P, B, P, B
Q. 12 Vanmayee said that she met her mother's only brother's son's mother's father-inlaw.Whom did she meet?
Ans
5. Grandfather
6. Cousin

X 3. Father
< 4. Brother
Q. 13 Six friends Neha, Priya, Sita, Saroj, Mayank and Vipin are sitting around a circular table, facing towards the centre of the table, but not necessarily in the same order. Only Sita is sitting between Vipin and Mayank. Priya is sitting second to the left of Mayank. Saroj is sitting to the immediate right of Vipin. Who is sitting second to the left of Sita?
Ans
X1. Vipin
2. Neha

X 3. Priya
X 4. Saroj
Q. 14 ' $A$ @ $B$ ' means ' $A$ is the father of $B$ ', ' $A$ \# $B$ ' means ' $A$ is the brother of $B$ ', ' $A$ \% $B$ ' means ' $A$ is the sister of $B$ ', and ' $A$ \$ $B$ ' means ' $A$ is the mother of $B$ '. Which of the following expressions shows that ' $A$ is the father of $S$ '?
Ans
1.E \#M \% N \$ A @ S
2. M @ N \$ S \% E \# A

X 3.N@A\#M\$E\%S
X4.A\#S\$N@E\%M
Q. 15 Select the figure from among the given options that can replace the question mark (?) in the following series.

Ans

$\checkmark 2$.

$\times 3$.

$\times 4$.

Q. 16 Select the correct mirror image of the given combination when the mirror is placed at $P Q$ as shown.

BINOMIAL $\left.\right|_{Q} ^{P}$
Ans

1. I A IMOИIЯ
2. IAMIOИIG
3. I A IMON I C
4. I A MO I ИIG
Q. 17 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

RMS : SLU :: MSV : ?
Ans
$X$ 1. QTX
X2.oQY
X 3. ORY
4. NRX
Q. 18 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

$\times 2$.

$\times 3$.

Q. 19 In a certain code language, 'LOCKER' is coded as '158861215'.How will 'AUGUST' be coded in that language?

Ans
X1. 23162442424
2. 23222410244
3. 17221810184
4. 17161871824
Q. 20 In a certain code language, 'SEAT' is coded as ' 6319 ', and 'ROSE' is coded as ' 4863 '. How will 'TEAR' be coded in that language?
Ans
X1.9438
$\times 2.9134$

- 3.9314
$\times 4.9348$
Q. 21 Select the number from among the given options that can replace the question mark (?) in the following series.


## 4, 7, 21, 24, 72, 75, ?

Ans
X1. 275
$\times 2.105$
3. 78

- 4.225
Q. 22 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 rats are pigeons.
2. All pigeons are mangoes.

Conclusions:
I. All mangoes are pigeons.
II. Some rats are mangoes.

Ans

1. Only conclusion I follows.
2. Only conclusion II follows.

X 3. Both conclusions I and II follow.
X 4. Neither conclusion I nor II follows.
Q. 23 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

No book is a novel.
All novels are journals.
Conclusions:
I. No book is a journal.
II. No journal is a book.
III. Some journals are novels.
IV. All journals are novels.

Ans
<1. Both conclusions I and II follow
X 2. Only conclusion I follows
3. Only conclusion III follows

X 4. Both conclusions I and IV follow
Q. 24 Identify the letter-cluster that does NOT belong to the following series.

HSMN, KPPK, NMTG, QJVE
Ans
X1.HSMN
X 2. KPPK
3. NMTG

X 4. QJVE
Q. 25 In a certain code language, 'DELIGHT' is written as 'ZBACRYX', and 'STRANGE' is written as ' $Y A T U X Z Y$ '. How will 'STUMBLE' be written in that language?
Ans
X1. KQGOSZM
2. YRVSAZY

X 3. YFGSOZM
X 4. YVQASYZ

Question ID : 65497838805

Section: English Language
Q. 1 Select the most appropriate meaning of the given idiom.

To be ill at ease
Ans

1. to feel uncomfortable or worried in a situation
2. to be very sick
3. to stand with legs kept slightly wide
4. to make a patient in a hospital feel comfortable
Q. 2 Select the most appropriate ANTONYM of the given word.

Delay
Ans

1. Advance

- 2. Restrict

3. Postpone
$\times 4$. Hold
Q. 3 Select the most appropriate option to fill in the blank.

When the patient recovered, he was $\qquad$ from the hospital.
Ans
$X$ 1. acquitted
$X$ 2. dismissed
3. discharged

X 4. liberated
Q. 4 Select the INCORRECTLY spelt word.

Ans

1. Meterial

X 2. Mechanism
$\times$ 3. Match

- 4. Maternal
Q. 5 Select the most appropriate ANTONYM of the given word.


## Enrich

Ans

1. Deplete

X 2. Grace
$X$ 3. Displease
X 4. Garnish
Q. 6 Select the option that expresses the given sentence in passive voice.

They have decorated the hall beautifully.
Ans
X1. The hall was decorated beautifully by them.
X 2. The hall is decorated beautifully by them.
$\times 3$. The hall is being decorated beautifully by them.
4. The hall has been decorated beautifully by them.

## Q. 7 Select the most appropriate synonym of the given word.

## Elegant

Ans
$X$ 1. Frightful
2. Graceful

X 3. Faithful
X 4. Joyful
Q. 8 Select the option that can be used as a one-word substitute for the given group of words.

Vertebrate animals that crawl on the ground
Ans
$X 1$. Insects
2. Reptiles

X 3. Mammals
4. Amphibians
Q. 9 Select the most appropriate option to fill in the blank.

Electric gadgets make house chores $\qquad$ .
Ans
$X$ 1. helpful
$X$ 2. suitable
$X 3$. handy
4. convenient
Q. 10 Select the most appropriate meaning of the given idiom.

Bottom line
Ans

1. A hidden agenda
2. An awkward situation
3. The most important fact
4. An impossible task
Q. 11 Select the INCORRECTLY spelt word.

Ans
$X$ 1. Edible
2. Shrewed
$X$ 3. Restore
$\times 4$. Prosper
Q. 12 Select the option that can be used as a one-word substitute for the given group of words.

A remark that expresses approval or admiration
Ans
$X$ 1. Critique
X 2. Complement
3. Compliment
$X$ 4. Censure
Q. 13 Select the INCORRECTLY spelt word.

Ans
X1. Stooped

- 2. Stagered

X 3. Stressed
4. Strived
Q. 14 Select the option that expresses the given sentence in direct speech.

Rajiv requested his friend to remove his shoes before entering his house.
Ans

1. Rajiv said to his friend, "Please remove your shoes before entering my house."
2. Rajiv said to his friend, "Please remove his shoes before entering your house."
3. Rajiv said to his friend, "You must remove his shoes before entering his house."
4. Rajiv said to his friend, "Remove his shoes before entering my house."
Q. 15 Select the most appropriate synonym of the given word.

Triumph
Ans
X1. Failure
2. Victory

X 3. Sorrow
X4. Disaster

## Comprehension:

Read the given passage and answer the questions that follow.
Happiness is the primary goal of human existence. Philosophers have wrestled with the concept of happiness. Legislators create laws to support citizens' rights to pursue happiness. Television, radio, and print advertisers assure consumers that various products will guarantee happiness. Clearly, everyone, from writers and philosophers to legislators and the average person on the street thinks a great deal about happiness. What makes happiness so important to human existence?
ot only does happiness feel good, but it appears to provide a variety of psychological and physical benefits. Happiness plays a significant role in enhancing good health, strengthening the immune system, promoting longevity, improving productivity and performance, and increasing resilience. Happy people work hard, play hard, have an active social life, experience good health and live longer.
However, good news abounds in the study of happiness. Fortunately, humans experience happiness from a wide range of stimuli, from traveling to an exotic destination to redecorating one's home or from winning a game of soccer to eating a delicious meal. Simply watching a favourite television show or laughing at a funny joke can boost a depressed mood. While the happiness produced by such experiences tends to be short lived, certain conditions do promote a more long-lasting and durable state of happiness as a lifestyle: a wide social network, believing in a meaningful reason for one's existence, and establishing goals and achieving them.
Surprisingly, income is not a primary factor in determining a person's level of happiness once the basic needs of food, clothing, and shelter have been met. More important is one's social network and having close friends and family is vital to one's overall level of happiness. Even sharing one's home with an animal companion can make a person happier.

SubQuestion No: 16
Q. 16 According to the writer, what is the primary goal of human life?

Ans
X1. Good health
X 2. Social life
X 3. Long life
4. Happiness

## Comprehension:

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SubQuestion No: 17
Q. 17 Those who are happy

Ans $\quad \times 1$. have a weak immune system
2. lead a long and healthy life

X 3. use products that guarantee happiness
X 4. make laws to protect happiness

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SubQuestion No: 18
Q. 18 Which of the following statements is NOT true?

Ans
X 1. Laughing can elevate one's mood
2 2. Achievement of goals provides momentary happiness.
X 3. Close friends and family contribute to happiness.
X 4. Being happy has physical and psychological benefits.

## Comprehension:

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SubQuestion No: 19
Q. 19 Which of the following quotes is most apt for the passage?

Ans $\times 1$. Happiness and sadness run parallel to each other.
2. Happiness is a form of courage.

X 3. If you want happiness for a lifetime, help someone.
2. 4. You can find happiness even in little things of life.

## Comprehension:

Read the given passage and answer the questions that follow.
Happiness is the primary goal of human existence. Philosophers have wrestled with the concept of happiness. Legislators create laws to support citizens' rights to pursue happiness. Television, radio, and print advertisers assure consumers that various products will guarantee happiness. Clearly, everyone, from writers and philosophers to legislators and the average person on the street thinks a great deal about happiness. What makes happiness so important to human existence?
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SubQuestion No : 20
Q. 20 Which of the following can stimulate long lasting happiness?

Ans
X 1 . Delicious food
X 2. Travelling
X 3. Winning a game
4. Social networking

## Comprehension:

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

A woman has been called a hero after fighting a mountain lion that (1) $\qquad$ her five-yearold son. She dragged her little (2) $\qquad$ away from the big cat and beat it with (3) $\qquad$
fists in her garden. The boy had bites (4) $\qquad$ cuts to his head and body. He is now in a
local (5) $\qquad$ He is expected to make a full recovery.

SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank No. 1.

Ans 1. attacked
$X$ 2. is attaching
X 3. attacking
X 4. attack

## Comprehension:

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

A woman has been called a hero after fighting a mountain lion that (1) $\qquad$ her five-yearold son. She dragged her little (2) $\qquad$ away from the big cat and beat it with (3) $\qquad$ fists in her garden. The boy had bites (4) $\qquad$ cuts to his head and body. He is now in a local (5) $\qquad$ . He is expected to make a full recovery.

SubQuestion No: 22
Q. 22 Select the most appropriate option to fill in blank No. 2.

Ans
X 1. baby
X 2. daughter
X 3. girl
4.boy

## Comprehension:

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

A woman has been called a hero after fighting a mountain lion that (1) $\qquad$ her five-yearold son. She dragged her little (2) $\qquad$ away from the big cat and beat it with (3) $\qquad$
fists in her garden. The boy had bites (4) $\qquad$ cuts to his head and body. He is now in a
local (5) $\qquad$ . He is expected to make a full recovery.

SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in blank No. 3.

Ans

1. her
< 2. their
2. his
3. our

## Comprehension:

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

A woman has been called a hero after fighting a mountain lion that (1) $\qquad$ her five-yearold son. She dragged her little (2) $\qquad$ away from the big cat and beat it with (3) $\qquad$
fists in her garden. The boy had bites (4) $\qquad$ cuts to his head and body. He is now in a
local (5) $\qquad$ . He is expected to make a full recovery.

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank No. 4.

Ans
X1. or
$\times 2$. also

- 3. and

X4.but

## Comprehension:

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

A woman has been called a hero after fighting a mountain lion that (1) $\qquad$ her five-yearold son. She dragged her little (2) $\qquad$ away from the big cat and beat it with (3) $\qquad$ fists in he $\qquad$ . He is expected to make a full recovery.

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in blank No. 5.

Ans

- 1. hospital

X 2. school
$\times$ 3. fire-station
X 4. post office

Section : Quantitative Aptitude
Q. 1 Find the value of $\sqrt{4 p^{3}+14 p+6}$ such that a 6 -digit number 602 p0p is divisible by 9 .

Ans
X1. 26
2. 28
3. 24
4. 22
Q. 2 In a class of 60 students (boys and girls), there are $60 \%$ girls. In an examination, the average score of the boys is 52 and that of the girls is 65 . What is the average score of the whole class?
Ans

1. 59.8
$\times 2.56 .9$
$\times 3.58 .7$
$\times 4.61 .5$
Q. 3 If $\mathrm{A}: \mathrm{B}=1.2: 2.5$ and $\mathrm{B}: \mathrm{C}=1: 1.4$, what is $\mathrm{A}: \mathrm{B}: \mathrm{C}$ ?

Ans
$X 1.1 .2: 2.5: 4$
X2. $3: 5: 4$
X 3. 6:15:35
ง. $12: 25: 35$
Q. 4 If $x^{\frac{1}{3}}-y^{\frac{1}{3}}=z^{\frac{1}{3}}$, then find the value of $(x-y-z)^{3}-27 x y z$.

Ans
$\times 1.1$
$\times 2.27$
X 3. -1
-4. 0
Q. 5 A sum of $₹ 6,300$ amounts to $₹ 8,085$ at a certain rate percent p.a. in $3 \frac{1}{3}$ years, at simple interest. What will be the simple interest (in ₹) on a sum of $₹ 8,000$ at the same rate for $4 \frac{2}{5}$ years?
Ans

1. 2,880
2. 2,448
3. 2,992
4. 1,632
Q. 6 If the eight-digit number $9534 x 37 y$ is divisible by 24 , then what is the value of $(3 x+y)$, for the largest value of $x$ ?

Ans
$\times 1.21$
2. 30
$\times 3.32$
4. 24
Q. 7 A certain sum is divided between $A, B$ and $C$, such that the ratio of shares of $A$ and $C$ is $7: 5$ and that of $C$ and $B$ is $8: 3$. If the difference between the shares of $A$ and $B$ is ₹984, then the sum (in ₹) is:
Ans

1. 2,664
2. 2,640
3. 2,592
4. 2,520
Q. 8 A shopkeeper mixes three varieties of tea costing $₹ 60$ per kg , ₹ 80 per kg and $₹ 120$ per kg in the ratio $5: 8: 7$. At what price (in ₹) per kg should he sell the tea mixture to earn a $25 \%$ profit?

Ans
X. 86.67
2. 111.25
( 3. 100.33
$\times 4.104 .50$
Q. 9 A certain sum of money becomes 5 times in 15 years when invested at simple interest. In how much time (years and months) will it become 12 times of itself at the same rate at simple interest?
Ans

1. 41 years 3 months
2. 40 years 6 months
3. 39 years 9 months
4. 42 years 4 months
Q. 10 In a 1000 km trip, a man drives at a speed of $50 \mathrm{~km} / \mathrm{h}$ for the first five-eighth of the total distance. If he completes the whole journey in 19 hours (resting time not included), what is his speed (in $\mathrm{km} / \mathrm{h}$, correct up to 1 decimal place) for the rest of the joumey?
Ans
$X 1.55 .5$
5. 60.2
6. 57.7
$\times 4.65 .8$
Q. 11 Find the value of $98.2^{2}-88.2^{2}$.

Ans
X1. 186.4
$\checkmark 2.1864$
X 3. 1846
$\times 4.100$
Q. 12 A and B can do a piece of work in 24 days and 48 days, respectively. Working together, they completed the work in 12 days with the help of $\mathcal{C}$. How long (in days) will $C$ take to do five-sixth of the work all by himself?

Ans
X1. 54
2. 36
) 3.40
X4. 48
Q. 13 A 280 m long train is running at a speed of $54 \mathrm{~km} / \mathrm{h}$. In how much time (in seconds) will it cross a man moving at 12 $\mathrm{km} / \mathrm{h}$ in the same direction as that of the train?

Ans

1. 28
2. 20
$\checkmark 3.24$
X4. 25
Q. 14 If $(3 x-10) \%$ of 150 exceeds $x \%$ of 300 by 15 , then by what per cent is $(2 x+5) \%$ of 220 more than $(x+10) \%$ of 250 ?
Ans
X1. $28.4 \%$
$\times 2.35 \%$
X 3. $24.2 \%$

- 4. $32 \%$
Q. 15 An electronic store marks a television set for $₹ 86,500$ and allows a discount of $9 \%$ on it. What is the selling price (in ₹) of the television ser?

Ans

1. ₹ 79,570
2. ₹ 78,715
3. ₹ 76,480
4. ₹ 77,520
Q. 16 A museum has an average of 340 visitors on Sunday and 160 on other days. What is the average number of visitors per day in the month of June beginning with Sunday?

Ans

1. 190
2. 184
3. 200
4. 210
Q. 17 The breadth of a rectangular field is 7.5 m shorter than its length. One-third of the breadth is equal to one-fourth of the length of the rectangle. What is the average (in m , to the nearest integer) of its length and breadth?

Ans

1. 26
2. 23
3. 30
4. 25
Q. 18 A shopkeeper sells an article for $₹ 319.20$ after offering a discount of $5 \%$ on its marked price. Had he not given the discount, he would have earned a profit of $12 \%$. The cost price (in ₹) of the article is:
Ans
X1. 240
X2. 280

- 3. 300

X4. 250
Q. 19 If $1.7 \%$ of $800 \times 2.5 \%$ of $a=382.5$, then the value of $a$ is:

Ans
X1. 1075
$\times 2.1100$
$\checkmark$ 3. 1125
$\times 4.1150$
Q. 20 A person sold a pen drive for $₹ 1,674$ and incurred a loss of $7 \%$. At what price (in ₹) should it be sold to earn a profit of $11 \%$ ?

Ans 1.2,000
2. 1,965
3. 1,998
4. 1,800
Q. 21 A cupboard was sold at a profit of $25 \%$. Had it been sold at $₹ 360$ less, the profit would have been only $5 \%$. What should be the selling price (in ₹) of the cupboard, so that there is a profit of $40 \%$ ?

Ans

1. 2,520
2. 3,020
3. 2,150
4. 1,800
Q. 22 The income of X is $15 \%$ less than that of Y and the income of Z is $60 \%$ less than the combined income of X and Y . By what per cent is the income of Z less than the income of X ? (Correct to one decimal place)

Ans
$\times 1.12 .6 \%$
$\times 2.14 .7 \%$
X 3. $14.9 \%$

- 4. $12.9 \%$
Q. 23 A can do a work in 10 days. He worked for 6 days and left the work. The remaining work was done by B in 8 days. In how many days can B alone do $65 \%$ of the work?

Ans

1. 14
2. $13 \frac{1}{2}$

X 3.12
4. 13
Q. 24 A certain sum amounts to $₹ 8,192$ in $3 \frac{1}{2}$ years and to $₹ 9.472$ in 6 years, at simple interest at a certain rate per cent $p$. a.

The rate of interest $p . a$ and the sum are $\qquad$ and $\qquad$ respectively.

Ans

1. $8.5 \%$; ₹ 6,400
2. $8 \%$; ₹ 6,400
3. $8.5 \%$; ₹ 6,000
4. $8 \%$; ₹ 6,500
Q. 25 What is the area (in $\mathrm{m}^{2}$ ) of a circular path of uniform width of 1.4 m surrounding a circular garden of diameter 126 m ?
(Take $\pi=\frac{22}{7}$ )
Ans
X1. 564.96
$\times 2.604 .56$
$\times$ 3. 556.16
, 4. 560.56

Section : General awareness
Q. 1 Which of the following English cricketers was NOT a part of the Test Match that India won by 151 runs at Lords in August 2021?
Ans

1. Stuart Broad
2. Moeen Ali

X 3. Mark Wood
4. James Anderson
Q. 2 Which of the following places in India has the widest difference between day and night temperatures?
Ans
X1. Port Blair
X 2. Thiruvananthapuram
X 3. Pahalgam
2. Thar
Q. 3 In the context of banking, which of the following does the letter 'M' stand for in MICR?

Ans
X1. Monetary
X 2. Mixed

- 3. Magnetic

X 4. Mutual
Q. 4 Who was the first Indian to circumnavigate the world solo, non-stop?

Ans $\quad$ 1. Manohar Prahlad Awati
2. Abhilas Tomy
3. Dilip Donde
4. Ratnakar Dandekar
Question ID : 65497838891

Status: | Not Attempted and |
| :--- |
| Marked For Review |

Chosen Option :--
Q. 5 Place Sikandara which comes under suburb of Agra is associated with the tomb of $\qquad$
Ans

1. Akbar

X 2. Shivaji
X 3. Jahangir
4. Babur
Q. 6 Who among the following is the author of 'My Archaeological Mission to India and Pakistan'?
Ans
X1. Alexander Cunningham

- 2. REM Wheeler

X 3. John Marshall
X 4. GF Dales
Q. 7 How many oxygen atoms are there in a molecule of sodium peroxide?

Ans
$X 1$. Four
$\times 2$. Three
3. Two
$\times 4$. One
Q. 8 The issue of 'Qualification for membership of Parliament' comes under the purview of which of the following Article of the Constitution of India?
Ans
X1. 82
$\times 2.83$

- 3.81
4.84
Q. 9 In which of the following categories did India NOT win any medal at the Olympic Games held in Tokyo in 2021?
Ans
$\times 1$. Boxing
X 2. Weightlifting
- 3. Gymnastics

X 4. Athletics
Q. 10 Laser' is a category of which of the following sports at the Olympic Games?

Ans
$X 1$. Equestrian
2. Golf
3. Fencing
4. Sailing
Q. 11 Which of the following political parties has been leading the 'Mahajot' in Assam against the ruling party, ahead of the 2021 Assembly Elections in the state?

Ans
X 1. Bahujan Samaj Party
2. Samajwadi Party
3. Indian National Congress
4. Janata Dal
Q. 12 'Haritha Haram', started in 2015, whose main objective is to increase the green cover of a state, is the flagship programme of the $\qquad$ Government.
Ans
X 1 . Kerala
2. Telangana

X 3. Karnataka
X 4. Tamil Nadu
Q. 13 Which of the following rivers originates from the Lahaul Valley of Himachal Pradesh?

Ans
X1. Jhelum river
X 2. Ravi river
$\chi$ 3. Beas river
4. Chenab river
Q. 14 Long Walk to Freedom' is the autobiography of:

Ans
X1. Barack Obama
X 2. Ho chi Minh
X 3. Rabindranath Tagore
4. Nelson Mandela
Q. 15 The tomb of Sher Shah Suri is located in:

Ans
X1. Buxar
X 2. Gaya
X 3. Jehanabad
4. Sasaram
Q. 16 $\qquad$ is known as the 'Grand Old Lady' of the Independence Movement.
Ans

1. Sarojini Naidu
2. Aruna Asaf Ali

X 3. Vijaya Lakshmi Pandit
X 4. Usha Mehta
Q. 17 In the wake of the information technology revolution in India, which of the following capitals has been occupying the most dominant position?
Ans

1. Material
2. Plant
3. Machinery
4. Human capital
Q. 18 'Force' divided by 'mass' is equal to:

Ans $\times 1$.time
X 2. displacement
X 3. velocity

- 4. acceleration
Q. 19 Who among the following took part in India's freedom struggle from the North-East?

Ans
<1. Malati Choudhuri
2. Anjalai Ammal
3. Sucheta Kriplani
4. Rani Gaidinliu
Q. 20 The 'Kalpataru Utsav' is held on the first of $\qquad$ every year.
Ans
X1. March
X 2. February
X 3. April
2. January
Q. 21 Which of the following rivers originates in Maharashtra?

Ans
X1. Narmada
X 2. Tapi3. Godavari
4. Mahanadi
Q. 22 A bilateral naval exercise called 'Konkan 2021' between the navies of India and $\qquad$ was held in August 2021 in the English Channel.
Ans
X 1. Russia
X 2. Germany
X 3. Maldives
4. The UK

## Q. 23 Which of the following is dimensionless?

Ans

1. Longitudinal stress
2. Shear stress
3. Deforming force
4. Longitudinal strain

## Q. 24 Who among the following gave the concept of 'paradox of thrift'?

Ans $\times 1$. Abhijeet Banerjee
2. John Maynard Keynes

X 3. Adam Smith
X 4. Amartya Sen

Question ID : 65497839083 Status : Not Answered Chosen Option : --


## Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 02/02/2022 |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

Q. 1 Pointing towards $P$, $Q$ said, "I am the only son of her mother's son". How is $Q$ related to P ?
Ans
K 1. Brother
2. Son
3. Aunt
4. Nephew
Q. 2 Select the number from among the given options that can replace the question mark (?) in the following series.

432, 216,72, 36, 12, ?
Ans

1. 6
2. 3
3. 9
4. 8

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

Statements:
All boxes are gifts.
All gifts are cards.
Conclusions:
I. Some boxes are cards.
II. All cards are boxes.

Ans

1. Neither conclusion I nor II follows
2. Both conclusions I and II follow
$X$
3. Only conclusion II follows
4. Only conclusion I follows
Q. 4 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans
$\times 1$.

$\times 2$.

$\checkmark 3$.

$\times 4$.

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

1. Metre
2. Kilometre
3. Decimetre
4. Millimetre
5. Hectometre

Ans
X1.3,4, 1, 5, 2
X 2, 4, 1, 3, 5, 2
(3.4,3,1, 2, 5
4. $4,3,1,5,2$
Q. 6 Eight girls M, N, O, P, Q, R, S and T are sitting around a circle facing towards the centre. Only three friends are sitting between $P$ and $S . M$ is sitting to the immediate right of $S$ and to the immediate left of $R$. Only $N$ is sitting between $S$ and $O$. $P$ is sitting second to the left of $O$.
Who is sitting second to the left of $P$ ?
Ans
$\times 1$. N
X 2 . M
<3.S
4. R
Q. 7 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

$\times 2$

$\times 3$.

v 4.

Q. 8 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.
$32: 35: 34:$ : ? : 36 : 243
Ans

- 1.91
$\times 2.37$
$\times 3.215$
$\times 4.108$
Q. 9 Five persons $\mathrm{S}, \mathrm{T}, \mathrm{U}, \mathrm{V}$, and W are standing in a line facing towards the east. Only T is standing between $U$ and $S . U$ is standing third to the right of $W$ and to the immediate left of V .
Who is standing at the extreme right end?
Ans
X1.W

2. V

X $3 . \mathrm{U}$
4. S
Q. 10 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

Ans
_ PG__MP_A_-GFA
$\qquad$

1. MFAFGMP
2. MFAGMFP
3. MFAGFMP

X 4. MAGFMPF
Q. 11 Sravan is the father of Anand and Ravali. Gouri is the mother of Kriti. Nipun is the son of Anand. Nipun is the only brother of Kriti. Gouri is the daughter-in-law of Pavani. Pavani has only one daughter and one son. How is Nipun related to Ravali's father?

Ans

1. Brother
2. Son
3. Son-in-law
4. Grandson
Q. 12 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Ans
X 1. NQT
2. HKN
3. BDH
4. MPS
Q. 13 In a certain code language, 'MISERY' is written as 'LJHPBO'. How will 'PRAISE' be written in that language?
Ans
X1. MXUPLH
X 2. MUXLPH
3. UMLXHP
< 4. ULMXHP
Question ID : 65497838808
Status : Not Attempted and
Marked For Review

Chosen Option : --
Q. 14 Select the option that is related to the third word in the same way as the second word is related to the first word.

Hockey : Fullback :: Cricket : ?
Ans
X1. Deuce
2. Gully

X 3. Cornerback
X 4. All Ball
Q. 15 Select the number from among the given options that can replace the question mark
(?) in the following series.
$2,16,31,49,62,68,83, ?$
Ans

1. 109
< 2.105
2. 103
< 4.107
Question ID : 65497838816
Status : Not Attempted and
Marked For Review
Q. 16 In a certain code language, 'PULL' is coded as '8211' and 'YELLOW' is coded as '931167'. How will 'POWELL' be coded in that language?
Ans
3. 867311
4. 267133
5. 829311
-4.867211
Q. 17 In a certain code language, 'DISTINGUISH' is written as 'EHTSJMHTJRI'. How will 'LABEFACTION' be written in that language?
Ans
6. MZCDGZDSJNO
7. MBDCEZDSKMO
8. MBCDEZDKSMO
9. MZDCGZDSJNO
Q. 18 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 Birds are Insects.
2. Some Insects are Animals.
3. All Animals are Dangerous.

Conclusions:
I. Some Animals are Birds.
II. All Insects are Dangerous.

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.
Q. 19 In a certain code language, 'RAJESH' is written as 'IUHNFX', and 'GARIMA' is written as 'BOLVFM'. How will 'RITIKA' be written in that language?
Ans
5. CMLYNX

X 2. CMLXNY
3. BMLXNX

X 4. BNMXMY
Q. 20 In a certain code language, 'HARDWARE' is coded as 81945195, and 'INFLUX' is coded as 956336 . How will 'LEAGUE' be coded in that language?
Ans
$\times 1.872341$
2. 351735
3. 564783
4.217265
Q. 21 Select the option that is related to the fourth letter-cluster in the same way as the first letter-cluster is related to the second letter-cluster.

TES: QCR :: ?: NFV
Ans
X1. QIY
X 2. PHX
X 3. PHZ

- 4. QHW
Q. 22 Select the correct mirror image of the given figure when the mirror is placed at ' $A B$ ' as shown.


Ans

$\times 2$.


- 3. 


$\times 4$

Q. 23 In a certain code language, 'SPIRIT' is coded as ' 65 ' and 'DENSE' is coded as ' 83 '. How will 'LOGICAL' be coded in that language?
Ans
X 1.213
$\times 2.231$

- 3.123
$\times 4.132$
Q. 24 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BZC, EXF, HVI, KTL, ?
Ans
X1. ONR
X 2. MOR

- 3. NRO

X4. ORN
Q. 25 Which two signs need to be interchanged to make the following equation correct?
$108 \times 27 \div 3-19+95=88$
Ans
X1. - and +
X 2. + and $\times$

- $3 . \div$ and $x$

X4. - and $x$

Section : English Language
Q. 1 Select the wrongly spelt word.

Ans
X1. punctuation
$\times 2$ i irrigation

- 3. ilektric4. pressure


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

## Collaboration

Ans

1. Partnership
2. Participation
3. Division
4. Association
Q. 3 Select the most appropriate meaning of the given idiom.

Be in someone's shoes
Ans

1. face the same situation as another person
2. accept someone's shoes as a present
3. buy the same brand of shoes as another person
4. put on someone's shoes
Q. 4 Select the option that can be used as a one-word substitute for the given group of words.

Having or showing no emotion
Ans

1. Apathetic
$X$ 2. Sympathetic
X 3. Compassionate
X 4. Empathetic
Q. 5 Select the most appropriate ANTONYM of the given word.

Dumb
Ans
X 1. Silent
2. Vocal
$X$ 3. Mute
$X 4$. Quiet

## Q. 6 Select the option that expresses the given sentence in direct speech.

The gardener said, "Shall I plant roses in this flower bed?"
Ans
$X 1$. The gardener asked that if he should plant roses in this flower bed.
$X 2$. The gardener asked if I shall plant roses in this flower bed.
3. The gardener asked if he should plant roses in that flower bed.
$X$ 4. The gardener asked if I should plant roses in that flower bed.
Question ID : 65497838824
Status : Answered
Chosen Option : 3
Q. 7 Select the option that expresses the given sentence in passive voice.

Switch off the lights before you leave.
Ans
$X 1$. The lights should switch off before you leave.
$X 2$. The lights should be switching off before you leave.
$X$ 3. Let the lights be switch off before you leave.
4. Let the lights be switched off before you leave.
Q. 8 Select the INCORRECTLY spelt word.

Ans
$X$ 1. Delegate
2. Deleate
$X$ 3. Devote
4. Design
Q. 9 Select the option that can be used as a one-word substitute for the given group of words.

An animal that can live in water as well as on land
Ans
$X$ 1. Carnivore
X 2. Mammal
X 3. Herbivore
4. Amphibian
Question ID: 65497838833
Status : Answered
Chosen Option : $\mathbf{4}$
Q. 10 Select the INCORRECTLY spelt word.

Ans

1. Blockege

X 2. Initially
X 3. Knowledge
$\times$ 4. Negotiate
Q. 11 Select the most appropriate option to fill in the blank.

Newton discovered the $\qquad$ of gravity while watching an apple fall from the tree.
Ans
X1. belief
2. thesis
3. code
4. principle
Q. 12 Select the most appropriate meaning of the given idiom.

## All ears

Ans

1. To wait eagerly for some news
< 2. To ask a person to repeat something
X 3. To not be interested in what is being said
X4. To talk when someone is speaking
Q. 13 Select the most appropriate synonym of the given word.

Enumerate
Ans
<1. Subtract
2. List

X 3. Recite
4. Guess
Q. 14 Select the most appropriate synonym of the given word.

## Vigilant

Ans
X1. Ignorant
2. Watchful

X 3. Thoughtless
4. Careless
Q. 15 Select the most appropriate option to fill in the blank.

I felt hungry around midnight but there was $\qquad$ anything in the fridge.
Ans
$X 1$ ample
$\times$ 2. only
3. somewhat
4. hardly
Question ID : 65497838213
Status : Answered
Chosen Option : $\mathbf{4}$

## 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.

Most people are petrified of snakes and (1) $\qquad$ good reason. For thousands of years snakes have (2) $\qquad$ the reputation of being venomous and lethal. But in (3) $\qquad$ snakes are even more scared of us than the other way (4) $\qquad$ and would rather wiggle away from us (5) $\qquad$ possible.

SubQuestion No: 16
Q. 16 Select the most appropriate option to fill in blank no. 1.

Ans
X 1. above
2. with

X 3. until
X4. upon

## 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.

Most people are petrified of snakes and (1) $\qquad$ good reason. For thousands of years snakes have (2)__the reputation of being venomous and lethal. But in (3)
$\qquad$ and would rather wiggle away from are even more scared of us than the other way (4) $\qquad$
us (5) $\qquad$ possible.

SubQuestion No: 17
Q. 17 Select the most appropriate option to fill in blank no. 2.

Ans $\quad \times 1$. building
2. built up

X 3. build in
X 4. build on

## 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.

Most people are petrified of snakes and (1) $\qquad$ good reason. For thousands of years snakes have (2) $\qquad$ the reputation of being venomous and lethal. But in (3) snakes are even more scared of us than the other way (4) $\qquad$ and would rather wiggle away from us (5) $\qquad$ possible.

SubQuestion No : 18
Q. 18 Select the most appropriate option to fill in blank no. 3.

Ans
X 1. fantasy
X 2. probability
X 3. possibility
2. reality

## 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.

Most people are petrified of snakes and (1) $\qquad$ good reason. For thousands of years snakes have (2) $\qquad$ the reputation of being venomous and lethal. But in (3) $\qquad$ snakes are even more scared of us than the other way (4) $\qquad$ and would rather wiggle away from us (5) $\qquad$ possible.

SubQuestion No: 19
Q. 19 Select the most appropriate option to fill in blank no. 4.

Ans
X1. everywhere
2. around

X 3. across
X4. over

## 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.

Most people are petrified of snakes and (1) $\qquad$ good reason. For thousands of years snakes have (2) $\qquad$ the reputation of being venomous and lethal. But in (3) $\qquad$ snakes are even more scared of us than the other way (4) $\qquad$ and would rather wiggle away from
us (5) $\qquad$ possible.

SubQuestion No : 20
Q. 20 Select the most appropriate option to fill in blank no. 5.

Ans $\quad$ 1. as slowly as
X 2. as much as
X 3. as many as

- 4. as fast as


## Comprehension:

Read the given passage and answer the questions that follow.
Amidst the corona pandemic, particularly during the lockdown phase, some positive effects were observed on the wildlife. During the lockdown phase, animals had an increased and uninterrupted territory. In some areas, wild animals were seen on roads and in residential areas. Less traffic, less human intervention and less pollution gave space to wildlife to thrive. It was definitely a rare phenomenon on the roads. Wildlife re-entered the areas snatched from them. However, these positive and negative impacts were transient and were largely observed during the complete lockdown phase only.
Some of the worst sufferers of the pandemic are stray animals like dogs and cats. They are no longer able to survive on waste food material from restaurants and shops because of shops being closed. Also, they are being abandoned by their owners due to unfounded fears that they may spread COVID-19. The worst possibility is that the stray animals might eat disposed masks and gloves, which can become lethal.
Overall although a few positive impacts of COVID-19 on the environment were seen, these were the short-term effects induced largely by the nation-wide lockdown. Indeed, the pandemic is expected to pose long-term adverse effects on the environment in future. Some of the gravest long-term effects of corona are the dangers posed to the environment. These are: the phenomenal increase in the use of chemicals that abound in hand wash and sanitizers; the extensive use of plastic by way of masks and gloves; the huge amount of hospital waste; and finally the effect of prescription drugs and over-the-counter medications that get into lakes, rivers and streams which ultimately pollute our waters. All these will eventually contribute to a tremendous increase in environmental pollution.

SubQuestion No : 21
Q. 21 'Unfounded fear' means fear based on:

Ans 1.false belief
X 2. truth
X 3. logic
× 4. rationality

## Comprehension:

Read the given passage and answer the questions that follow.
Amidst the corona pandemic, particularly during the lockdown phase, some positive effects were observed on the wildlife. During the lockdown phase, animals had an increased and uninterrupted territory. In some areas, wild animals were seen on roads and in residential areas. Less traffic, less human intervention and less pollution gave space to wildlife to thrive. It was definitely a rare phenomenon on the roads. Wildlife re-entered the areas snatched from them. However, these positive and negative impacts were transient and were largely observed during the complete lockdown phase only.
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SubQuestion No : 22
Q. 22 Select the statement that is NOT true as per the passage.

Ans $\times 1$. Corona has very profound long-term effects on the environment.
X 2. Initially, the lockdown was advantageous for the animal world.
X 3. Wild animals reclaimed their territories temporarily.
4. Today, wildlife continues to live in deserted residential areas.

## Comprehension:

Read the given passage and answer the questions that follow.
Amidst the corona pandemic, particularly during the lockdown phase, some positive effects were observed on the wildlife. During the lockdown phase, animals had an increased and uninterrupted territory. In some areas, wild animals were seen on roads and in residential areas. Less traffic, less human intervention and less pollution gave space to wildlife to thrive. It was definitely a rare phenomenon on the roads. Wildlife re-entered the areas snatched from them. However, these positive and negative impacts were transient and were largely observed during the complete lockdown phase only.
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SubQuestion No: 23
Q. 23 One major advantages of the complete lockdown for animals was more $\qquad$ .
Ans $\times 1$.traffic
2. free space
$\times$ 3. pollution
$X 4$. human control

## Comprehension:

Read the given passage and answer the questions that follow.
Amidst the corona pandemic, particularly during the lockdown phase, some positive effects were observed on the wildlife. During the lockdown phase, animals had an increased and uninterrupted territory. In some areas, wild animals were seen on roads and in residential areas. Less traffic, less human intervention and less pollution gave space to wildlife to thrive. It was definitely a rare phenomenon on the roads. Wildlife re-entered the areas snatched from them. However, these positive and negative impacts were transient and were largely observed during the complete lockdown phase only.
Some of the worst sufferers of the pandemic are stray animals like dogs and cats. They are no longer able to survive on waste food material from restaurants and shops because of shops being closed. Also, they are being abandoned by their owners due to unfounded fears that they may spread COVID-19. The worst possibility is that the stray animals might eat disposed masks and gloves, which can become lethal.
Overall although a few positive impacts of COVID-19 on the environment were seen, these were the short-term effects induced largely by the nation-wide lockdown. Indeed, the pandemic is expected to pose long-term adverse effects on the environment in future. Some of the gravest long-term effects of corona are the dangers posed to the environment. These are: the phenomenal increase in the use of chemicals that abound in hand wash and sanitizers; the extensive use of plastic by way of masks and gloves; the huge amount of hospital waste; and finally the effect of prescription drugs and over-the-counter medications that get into lakes, rivers and streams which ultimately pollute our waters. All these will eventually contribute to a tremendous increase in environmental pollution.

SubQuestion No: 24

## Q. 24 Select the option that does NOT correctly complete the given sentence.

During the pandemic, stray animals were at greater risk because they $\qquad$ .
Ans
$X$ 1. were abandoned by fearful owners
X 2. could resort to eating disposable masks and plastic
$X$ 3. did not have access to waste food from restaurants
4. were sent to distant animal shelters

## Comprehension:

Read the given passage and answer the questions that follow.
Amidst the corona pandemic, particularly during the lockdown phase, some positive effects were observed on the wildlife. During the lockdown phase, animals had an increased and uninterrupted territory. In some areas, wild animals were seen on roads and in residential areas. Less traffic, less human intervention and less pollution gave space to wildlife to thrive. It was definitely a rare phenomenon on the roads. Wildlife re-entered the areas snatched from them. However, these positive and negative impacts were transient and were largely observed during the complete lockdown phase only.
Some of the worst sufferers of the pandemic are stray animals like dogs and cats. They are no longer able to survive on waste food material from restaurants and shops because of shops being closed. Also, they are being abandoned by their owners due to unfounded fears that they may spread COVID-19. The worst possibility is that the stray animals might eat disposed masks and gloves, which can become lethal.
Overall although a few positive impacts of COVID-19 on the environment were seen, these were the short-term effects induced largely by the nation-wide lockdown. Indeed, the pandemic is expected to pose long-term adverse effects on the environment in future. Some of the gravest long-term effects of corona are the dangers posed to the environment. These are: the phenomenal increase in the use of chemicals that abound in hand wash and sanitizers; the extensive use of plastic by way of masks and gloves; the huge amount of hospital waste; and finally the effect of prescription drugs and over-the-counter medications that get into lakes, rivers and streams which ultimately pollute our waters. All these will eventually contribute to a tremendous increase in environmental pollution.

SubQuestion No: 25
Q. 25 $\qquad$ is NOT responsible for the increase in environmental pollution.
Ans 1. Kitchen waste from homes
X 2. Disposable plastic
X 3. Chemical waste from hospitals
X 4. Increased medicine consumption

## Section : Quantitative Aptitude

Q. 1 Find the value of $(a-2 x)^{3}+(b-2 x)^{3}+(c-2 x)^{3}-3(a-2 x)(b-2 x)(c-2 x)$,
given that $a+b+c=6 x$.
Ans
$\times 1.3$
2. 0
$\times 3.1$
X. 2
Q. 2 If the length of the diagonal of a cube is $16 \sqrt{3} \mathrm{~cm}$, what is its lateral surface area (in sq cm )?

Ans

1. 2,048
2. 3,072
3. 1,024
4. 1,536
Q. 3 If a nine-digit number $385 \times 3678 \mathrm{y}$ is divisible by 72 , then the value of $(\mathrm{y}-\mathrm{x})$ is:

Ans
$\times 1.5$
-2. 4
3. 3
$\times 4.2$
Q. 4 The fourth proportional to $10.8,3.6$ and 20.4 is:

Ans
$\times 1.14 .8$
$\checkmark 2.6 .8$
$\times 3.12 .4$
$\times 4.9 .6$
Q. 5 Three successive discounts of $40 \%, 25 \%$ and $20 \%$, respectively, on the marked price of a chair, are equal to a single discount of $₹ 960$. The marked price (in ₹) of the chair is:
Ans

1. 1,600
2. 1,800
3. 1,500
4. 2,400
Q. 6 The average height of 20 students of Class 9 is 147 cm and the average height of 15 students of Class 10 is 154 cm . What is the average height $(\mathrm{in} \mathrm{cm})$ of the students of the two Classes?
Ans
$\times 1.153$
$\checkmark$ 2. 150
X 3. 149
$\times 4.152$
Q. 7 By selling an article for ₹ 507.40 , a person makes a profit of $18 \%$. At what price (in ₹) should he sell it to make a profit of $24 \%$ ?
Ans
$\times 1.520 .80$
$\times 2.524 .60$
$\checkmark$ 3. 533.20
$\times 4.540 .50$
Q. 8 The price of a mobile is $₹ 15,000$. During the annual sale. Its price decreased in the ratio of $8: 5$. What is its decreased price (in ₹)?
Ans 1. 9,375
5. 9,500
6. 10,300
7. 10,000
Q. 9 Three men do as much work as 4 boys do in 21 days. In how many days will 9 men and 2 boys complete the same work?
Ans
X1. 8
-2. 7
ง. 6
$\times 4.11$

Ans
$\times 1.2$
$\times 2.3$
X3.4
-4. 1
Q. $11\left[(4 a-5 b)^{3}+(5 b-3 c)^{3}-(4 a-3 c)^{3}\right]$ is equal to:

Ans $\quad 1 .-3(4 a-5 b)(5 b-3 c)(4 a-3 c)$
X2. 60 abc
3. 0
4. $3(4 a-5 b)(5 b-3 c)(4 a-3 c)$
Q. 12 Anu drives her car for 1 hour at a speed of $60 \mathrm{~km} / \mathrm{h}$, for 2 hours at a speed of $55 \mathrm{~km} / \mathrm{h}$, and for 3 hours at a speed of 45 $\mathrm{km} / \mathrm{h}$. What is the average speed of the car (in $\mathrm{km} / \mathrm{h}$ )?
Ans

1. $50 \frac{5}{6}$
2. $52 \frac{1}{2}$
$\times 3.48 \frac{1}{3}$
$\times 4.49$
Q. 13 A sum lent at simple interest amounts to ₹ 6,313 in one year and $₹ 7,139$ in 3 years. What is the rate of interest per annum?

Ans

1. $8 \%$
2. $5 \%$

X 3. $6 \%$

- $4 \%$
Q. 14 A bought a cycle and sold it to B at a profit of $₹ 1,000$. B sold it to C at $5 \%$ loss. C sold it to D for $₹ 10,450$ at $10 \%$ profit. If D had bought the cyele directly from where A had bought, then how much amount (in ₹) would he have saved?
Ans

1. 450
2. 1,280
3. 1,450
4. 1,500
Q. 15 A new scooter is valued at $₹ 1,20,000$. At the end of each year, its value is reduced by $12 \%$ of its value at the start of the year. What will be its value (in ₹) after 2 years?
Ans
5. $1,50,528$
6. $1,00,875$
7. 96,450
8. 92,928
Q. $16 \mathrm{P}, \mathrm{Q}$ and R together can do a piece of work in 56 days. P and Q together can do one-fourth as much work as R alone. In how many days can $P$ and $Q$ together complete the entire work?

Ans
X1. 140
$\times 2.70$
$\checkmark$ 3. 280
X4. 210
Q. $1748 \%$ of the total marks is required to pass an examination and $80 \%$ to get a First Class with distinction. A student scored 817 marks and failed by 47 marks. How many marks should he secure to get First Class with distinction?

Ans

1. 1500
2. 1440
3. 1600
4. 1550
Q. 18 A machine was sold at $₹ 27,300$ at a loss of $9 \%$. Find the loss (in ₹).

Ans

1. 2,700
2. 2,270
3. 2,450
4. 2,457
Q. 19 In the last two weeks of a sale, prices are reduced by $32 \%$. What is the sale price (to the nearest rupee) of a microwave oven which originally cost $₹ 25,995$ ?
Ans
5. 18,318
6. 17,677
7. 16,767
8. 21,729
Q. 20 The average of the numbers $52,87, k, 103,48,(k+4), 51$ is 63 . What is the value of $k$ ?

Ans
$\times 1.44$
2. 49
3. 46
4. 48
Q. 21 A travelled from a place $P$ to place $Q$ at an average speed of $36 \mathrm{~km} / \mathrm{h}$. He travelled the first $75 \%$ of the distance in fourfifth of the time and the rest at a constant speed of $x \mathrm{~km} / \mathrm{h}$. The value of $x$ is:
Ans

1. 45
2. 40
3. 60
4. 50
Q. 22 Find the sum of the greatest 4-digit number divisible by 6 and the smallest 4-digit number divisible by 3 .

Ans
X1. 11004
2. 10998
$\times 3.10995$
$\times 4.11000$
Q. 23 The number of students in three sections of a class in a school are in the ratio $5: 7: 8$. If 20,25 and 40 more students are admitted in the three sections, respectively, the new ratio becomes $9: 12: 16$. The total number of students after the new admissions is:

Ans
$\times 1.160$
2. 100
3.140
4. 185
Q. 24 There are twice as many girls as beys in a class. If $45 \%$ of the girls and $30 \%$ of the boys have submitted their consent for the outstation tour, then what per cent of the students have NOT submitted consent for the tour?

Ans

1. $60 \%$
×. $44 \%$
2. $50 \%$
3. $40 \%$
Q. 25 There are five numbers whose average is 72 . If the first number is one-fifth of the sum of the other four numbers, then the first number is:

Ans

1. 60
2. 65
3. 54
4. 56
Q. 1 According to guidelines by the RBI (as of January 2022), how many payment banks currently active in India?
Ans
5. 6
2.11
$\times 3.9$
$\times 4.18$
Q. 2 Who among the following made the statement: "one caste, one religion, one god for humankind"?

Ans
X1. Swami Dayananda Saraswati
2. Haridas Thakur
3. Shri Narayana Guru
4. Guru Ghasidas
Q. 3 On the eve of which of the following festivals is Kotappakonda Fair of Andhra Pradesh organised?
Ans

1. Makara Sankranti
2. Ugadi
3. Sri Ramanavami
4. Maha Shivaratri
Q. 4 The Composition of the Council of States comes under the purview of which of the following Articles of the Constitution of India?
Ans
$\times 1.82$
X2. 81
X 3.84
5. 80
Q. 5 Who among the following has become the Head of the National Steering Committee formed by the Ministry of Education for the development of National Curriculum Framework?
Ans
X1. Jagbir Singh
X 2. Najma Akhtar3. K Kasturirangan
6. Mahesh Chandra Pant
Q. 6 Whose autobiography is titled 'A Century is Not Enough: My Roller-coaster Ride to Success'?

Ans
X1. Rahul Dravid
X 2. VVS Laxman
X 3. Virender Sehwag
4. Sourav Ganguly
Q. 7 Who among the following proposed 'Mission 5000' to save parliamentary democracy from disrupted and dysfunctional legislatures in August 2021?
Ans

1. Mahua Moitra
< 2. Rajnath Singh
2. Venkaiah Naidu
3. Om Birla
Q. 8 Economic exchanges without the mediation of money are referred to as $\qquad$ exchanges.
Ans
4. barter
5. revenue
6. mutual
7. banking
Q. 9 When do we celebrate National Press Day in India?

Ans
-1.16 November
X 2. 16 February
X 3.16 January
X4.16 December
Q. 10 In which of the following years did the Government of India appoint the Saddler University Commission to analyse the problems of the Calcutta University?
Ans
X1. 1904
2. 1917
<3. 1919
4. 1945
Q. 11 How many bronze medals did India win at the Paralympic Games held in Tokyo in 2021?
Ans
$\times 1$. Seven
X 2. Eight
$\times 3$. Five
4. Six
Q. 12 The presiding deity of the Dakshineswar Temple in Kolkata is Goddess

Ans
X1. Saraswati
2. Bhavatarini Kali
3. Lakshmi
4. Sharada

Question ID : 65497838875
Status : Answered
Chosen Option : 2
Q. 13 Two women mountaineers, Gunbala Sharma and became the first Indian women to summit Mount Pumori ( 7,161 metres) in Nepal on 12 May 2021.
Ans
X1. Priyanka Mohite
X 2. Shehroze Kashif
X 3. Geeta Samota

- 4. Baljeet Kaur
Q. 14 How many hydrogen atoms does a molecule of acetic acid contain?

Ans
$\times 1$. Three
$\times 2$. Two
X 3. One
4. Four
Q. 15 Who among the following has NOT represented India in its Men's Cricket Test team as a wicketkeeper?
Ans
X1. Wriddhiman Saha
2. Hanuma Vihari
3. MS Dhoni
4. Rishabh Pant
Q. 16 In which of the following states is the Telaiya dam located?

Ans
X1. Odisha
2. Chhattisgarh
3. Bihar
4. Jharkhand
Q. 17 Which of the following rivers originates from Sihawa Mountain?

Ans

1. Mahanadi
2. Narmada
$\times$ 3. Indus
3. Brahmaputra
Q. 18 On how many pillars do the Union Budget of 2021-22 proposals rest?

Ans
1.6
<2. 4
3.9
4. 13
Q. 19 In which of the following years was the Indian Universities Act passed during the tenure of Lord Curzon?
Ans
< 1.1900
(2. 1897
$\times 3.1932$

- 4.1904
Q. 20 How many sections are there in the Government of India Act, 1935?

Ans
$\times 1.342$

- 2.321
$\times 3.198$
$\times 4.222$
Q. 21 1 September marks the beginning of the meteorological $\qquad$ in the Southern Hemisphere.
Ans
X 1 . summer

2. autumn
3. spring
4. winter

Q. 24 World Alzheimer's Day is observed on $\qquad$ globally every year.
Ans $\times 1.12$ October
X 2. 19 March
'
3.6 January
4.21 September
Q. 25 Respiratory failure is a condition in which your blood doesn't have enough___or has too much $\qquad$ -
Ans
X1. hydrogen; oxygen
5. oxygen; carbon dioxide
6. carbon-dioxide; oxygen
7. nitrogen; oxygen

Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $02 / 02 / 2022$ |
| Exam Time | 12:00 PM - 1:00 PM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

Q. 1 In a certain code language, 'DEVOTION' is written as 'EHAVREIF', and 'SANSKRIT' is written as 'TDSZINCL'.How will 'LICENSED' be written in that language?
Ans

1. MFHXPOKV

X 2. MHFXOPVK
X 3. MKHILYOU
4. MLHLLOYV
Q. 2 In a certain code language, 'we can follow' is coded as ' 218 ', 'follow the rules' is coded as '589', and 'check the list' is coded as '475'. What is the code for the word 'rules' in that language?
Ans

1. 9
<2. 8

- 3.5

4. 4
Q. 3 Seven boys Ajay, Mihir, Rohit, Karan, Vaibhav, Nitin and Sanjay are sitting on a straight bench facing towards the north. Karan is sitting at the extreme left end and second to the left of Rohit. Mihir is the immediate neighbour of Rohit and Vaibhav. Nitin is sitting to the immediate left of Sanjay.
Who is sitting second to the left of Mihir?
Ans
X1. Nitin
X 2. Sanjay
5. Ajay
6. Karan
Q. 4 'Fever' is related to 'Thermometer' in the same way as 'Earthquake' is related to
$\qquad$ '.
Ans
7. Voltmeter

X 2. Barometer
3. Seismograph

X 4. Ammeter
Q. 5 Pointing towards a person in the photograph, Vikram said, "He is the son's son of my wife's father-in-law, Sameer". Sameer has only one son. How is the person in the photograph related to Vikram?
Ans
X1. Brother
2. Nephew
3. Son
4. Father
Q. 6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some camels are elephants.
All elephants are lions.
All lions are tigers.
Conclusions:
I. Some tigers are camels.
II. Some camels are lions.

Ans

1. Neither conclusion I nor II follows
2. Only conclusion II follows
3. Both conclusions I and II follow
4. Only conclusion I follows
Q. 7 Select the number from among the given options that can replace the question mark
(?) in the following series.
224, 112, 56, 28,?
Ans
5. 7
6. 14
3.26
7. 21
Q. 8 Select the figure from among the given options that can replace the question mark (?) in the following series.
?

Ans

$\times 2$.

$\times 3$.

2.

Q. 9 In a certain code language, 'EXPLAIN' is coded as '15912141624'. How will 'SACRED' be coded in that language?
Ans
X1. 13145189
$\times 2.19181514$
X 3.14131598
4. 13451819
Q. 10 Select the option that is related to the third term in the same way as the second term is related to the first term.

GLOWS : UPMEI :: FLYER : ?
Ans

1. VPCWJ
< 2. VPAUH
X 3. EKXDQ
X $4 . \mathrm{UOBVI}$
Q. 11 In a certain code language, 'FIANCE' is written as 'NIFECA' and 'PLANT' is written as 'TPNLA'. How will 'PRODUCT' be written in that language?

Ans
X1. ORPUDTC
X 2. RTUPODC
3. UTRPODC

X4. UTPORDC
Q. 12 Select the number from among the given options that can replace the question mark (?) in the following series.
$37,43,53,61,71, ?$
Ans
-1.79
$\times 2.89$
$\times 3.93$
4.85
Q. 13 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans
$\times 1$.

X 2.

$\times 3$.

4.

Q. 14 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
$Y_{-} L_{-} S_{-} S_{-} E_{-} Y_{-} L_{-} S$
Ans
X1.S, Y, S, L, S, E, E
X 2. S, E, E, S, L, S, Y
3. S, E, Y, L, S, S, E

X 4. S, E, S, E, S, L, Y

Q． 15 Select the letter－cluster from among the given options that can replace the question mark（？）in the following series．

NFP，MHM，LJJ，KLG，？
Ans
1．JND
X 2．KMF
X 3．JME
4．KND

Q． 16 In an exhibition，seven brands have put up their stalls in horizontal line and facing in same direction．The seven brands that have put up a stall include：A，B，L，P，R，T and $Z$ ．$L$ ，which is third to the left of $B$ ，is at one end．$A$ is between $B$ and $Z$ ．$T$ is to the immediate right of $R$ ．$R$ is fourth to the right of $L$ ．Which brand is displayed to the immediate right of $T$ ？
Ans
1．$P$
$\times 2 . \mathrm{A}$
（3．R
4．B

Q． 17 Which two numbers need to be interchanged to make the following equation correct？
$24+22 \times 12 \div 16-8=32$
Ans
1． 22 and 24
X 2． 24 and 12
X 3． 22 and 16
4． 12 and 8

Q． 18 Select the correct mirror image of the given combination when the mirror is placed at＇$P Q$＇as shown．

## $524187{ }^{\circ}$

Ans
Q. 19 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. PLAYTIME
2. PLAYGROUND
3. PLAYWRIGHT
4. PLEASANT
5. PLAYHOUSE

Ans
X 1.2,5,1, 4, 3
2. 2, 5, 1, 3, 4

X 3.2,5,3, 4, 1
X4.3,5,1,4,2
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:

No teacher is an engineer.
All architects are engineers.
Conclusions:
I. No teacher is an architect.
II. Some teachers are architects.

Ans
X 1 . Only conclusion II follows
2. Only conclusion I follows

X 3. Neither conclusion I nor II follows
X 4. Both conclusions I and II follow
Q. 21 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans
(1. DIN
2. AFK3. HMR
4. GLS
Q. 22 In a certain code language, 'FURNACE' is written as 'EVQOZDD'. How will 'IMAGERY' be written in that language?
Ans
X1. JLBJDQZ
2. HNBGIQZ
3. HNZHDSX
4. JLBFDSX
Q. 23 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.
9:74 :: 8: ? :: 7 : 42
Ans
$\times 1.48$

- 2.57
$\times 3.77$
$\times 4.58$
Q. 24 If ' $U \times V$ ' means ' $U$ is the daughter of $V$ ', ' $U+V$ ' means ' $U$ is the husband of $V$ ', and ' $U$ $V$ ' means ' $U$ is the sister of $V$ ', then what does ' $W+X-Y \times Z$ ' mean?
Ans
X1. W is the uncle of $Z$

2. W is the brother-in-law of $Z$
3. Z is the mother-in-law of W
4. $W$ is the son-in-law of $Z$
Q. 25 In a certain code language, 'FIG' is coded as 12, and 'PLUM' is coded as 20. How will 'GRAPES' be coded in that language?
Ans
5. 49
6. 56
7. 42
8. 35

## Section : English Language

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

Anant was recording a new song in his studio.
Ans
X1. In his studio Anant will record a new song.
X 2. A new song had been recorded by Anant in his studio.
X 3. In his studio a new song was recorded by Anant.
$\checkmark$
4. A new song was being recorded by Anant in his studio.

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

## Hostile

Ans

1. Hateful
2. Friendly
3. Nasty
4. Mean
Q. 3 Select the most appropriate synonym of the given word.

Replace
Ans
$X 1$. Remain
$\times$ 2. Lose

- 3. Substitute

X 4. Damage
Q. 4 Select the option that can be used as a one-word substitute for the given group of words.

Able to be heard
Ans
$X$ 1. Edible
X 2. Credible
3. Audible
$X$ 4. Legible
Q. 5 Select the most appropriate synonym of the given word.

Pragmatic
Ans
X1. Idealistic
2. Unwise
3. Realistic
4. Improper

## Q. 6 Select the most appropriate ANTONYM of the given word.

## Confirm

Ans

1. Contradict
2. Verify
3. Validate
4. Affirm
Q. 7 Select the most appropriate option to fill in the blank.

This class used to be very noisy, but it was unusually $\qquad$ today.
Ans
$X$ 1. excited
2. subdued

X 3. rowdy
$\times 4$.screaming
Q. 8 Select the most appropriate option to fill in the blank.

We should carefully $\qquad$ wasting food.
Ans
X 1. not
X 2. fail
3. avoid
4. pass
Q. 9 Select the most appropriate meaning of the given idiom.

Have cold feet
Ans
X 1. enjoy cold water
2. Lose confidence
$\times 3$. Feel very cold
X 4. Have little satisfaction
Q. 10 Select the option that can be used as a one-word substitute for the given group of words.

A doctor who specialises in X-rays and other kind of radiations
Ans
X1. Cardiologist
X 2. Urologist

- 3. Radiologist

X4. Nephrologist
Q. 11 Select the INCORRECTLY spelt word.

Ans
$X 1$. Keen
X 2. Kernel3. Keep
4. Kettel
Q. 12 Select the INCORRECTLY spelt word.

Ans

1. Stubbel
2. Fable
3. Edible

X 4. Fallible
Q. 13 Select the option that expresses the given sentence in reported speech.
"Vidushi, the doctor has advised me to avoid sugar," said Prabha.
Ans

1. Prabha told Vidushi that the doctor had advised her to avoid sugar.
2. Prabha said to Vidushi that the doctor was advising her to avoid sugar.

X 3. Prabha told Vidushi that the doctor advised her to avoid sugar.
4. Prabha told Vidushi that the doctor will be advising her to avoid sugar.
Q. 14 Select the INCORRECTLY spelt word.

Ans
X1. Gunner
2. Guzzel

X 3. Gullet
4. Gutter

## Q. 15 Select the most appropriate meaning of the given idiom.

## To be in hot water

Ans

1. To be in a difficult situation in which you can be criticised
2. To enjoy hot baths as a part of a health treatment
3. To enjoy being praised for taking up a challenge
4. To be bold and refuse to be bullied by your superior
Question ID : 65497838220
Status : Answered
Chosen Option : $\mathbf{1}$

## 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 2020 Tokyo Paralympic Games began (1) $\qquad$ Tuesday night with the opening ceremony at Japan's National Stadium. The twelve-day sporting celebration (2) $\qquad$ a total of 539 events in 22 para (3) $\qquad$ . The opening ceremony took place in (4) empty stadium. The Games should have (5) $\qquad$ place last year but were postponed because of the coronavirus pandemic.

SubQuestion No : 16
Q. 16 Select the most appropriate option to fill in blank No. 1.

Ans $\times 1$. by
$\times$ 2. at

- 3. on
$\times 4$ in


## 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 2020 Tokyo Paralympic Games began (1) $\qquad$ Tuesday night with the opening ceremony at Japan's National Stadium. The twelve-day sporting celebration (2) $\qquad$ a total of 539 events in 22 para (3) $\qquad$ . The opening ceremony took place in (4) $\qquad$ empty stadium. The Games should have (5) $\qquad$ place last year but were postponed because of the coronavirus pandemic.

SubQuestion No: 17
Q. 17 Select the most appropriate option to fill in blank No. 2.

Ans
$X 1$. is included
X 2. including

- 3. includes

X4. include

## 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 2020 Tokyo Paralympic Games began (1) $\qquad$ Tuesday night with the opening ceremony at Japan's National Stadium. The twelve-day sporting celebration (2) $\qquad$ a total of 539 events in 22 para (3) $\qquad$ The opening ceremony took place in (4) empty stadium. The Games should have (5) $\qquad$ place last year but were postponed because of the coronavirus pandemic

SubQuestion No: 18
Q. 18 Select the most appropriate option to fill in blank No. 3.

Ans
$\times 1$. athletics
X 2. events
3. sports

X4.countries

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SubQuestion No: 19
Q. 19 Select the most appropriate option to fill in blank No. 4.

Ans

- 1. an

X 2. one
$\times$ 3. the
$\times 4$ a

## Comprehension:

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The 2020 Tokyo Paralympic Games began (1) $\qquad$ Tuesday night with the opening ceremony at Japan's National Stadium. The twelve-day sporting celebration (2) $\qquad$ a total of 539 events in 22 para (3) $\qquad$ . The opening ceremony took place in (4) empty stadium. The Games should have (5) $\qquad$ place last year but were postponed because of the coronavirus pandemic.

SubQuestion No : 20
Q. 20 Select the most appropriate option to fill in blank No. 5.

Ans
X 1. take
2. taken

X 3.taking
X 4.took

## Comprehension:

Read the given passage and answer the questions that follow.
Much to their annoyance, pen-pushers are routinely reminded that a picture is worth a thousand words-except that sometimes they can be wrong 'words' as happened last week when Reuters was forced to withdraw more than 900 pictures taken by a freelance photographer after it was suspected that he had 'doctored' two recent photographs of the Israeli-Lebanon conflict.
In one picture, the smoke billowing from an apartment block after an Israeli air strike was allegedly thickened by the photographer, Adnan Hajj, to dramatise the impact of the bombardment - and in another two flares were suspected to have been added to an image of an Israeli jet in action over Lebanon.
The allegation of doctoring, first made by several bloggers, was confirmed by Reuters after an inhouse investigation. Mr. Hajj, who had sold pictures to Reuters for more than 10 years, denied manipulating the two photographs and attributed the thick smoke in the first picture to "bad lighting" and the fact that he was "trying to remove dust marks." As for the second, he said, "there was no problem with it - not at all."
But Reuters was not convinced and said it was removing all of his pictures from its database and would not be using his services any more. "This represents a serious breach of Reuters' standards and we shall not be accepting or using pictures taken by him," the news agency said.
The idea that the camera never lies is as misleading as the notion that all statistics are meant to mislead. What the 'eye' sees is not always what it looks like, thanks to the many ways in which first the camera and then the photograph can be - and is often - manipulated. Indeed, a photograph can be manipulated in more ways - and more effectively - to convey a false reality than it is possible to do through the written word. Ask any clever photographer and he will tell you the tricks the camera can be made to play.
At a seminar recently, one journalist recalled how there was a time when British photographers, covering stories about famine or floods in Third World countries, would carry teddy bears with them in order to use them as props for pictures supposedly showing that all that was left in the household, stricken by death and destruction, were children's toys.
SubQuestion No : 21
Q. 21 According to the passage, it can be inferred that a camera:

Ans $\times 1$. always lies
X 2. rarely lies
X 3. never lies
2. often lies

## Comprehension:

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SubQuestion No : 22
Q. 22 Who was accused of tampering with the pictures?

Ans $\times 1$. British journalists
X 2. Lebanese activists
3. A freelance photographer

X 4. Israeli fighters

## Comprehension:

Read the given passage and answer the questions that follow.
Much to their annoyance, pen-pushers are routinely reminded that a picture is worth a thousand words-except that sometimes they can be wrong 'words' as happened last week when Reuters was forced to withdraw more than 900 pictures taken by a freelance photographer after it was suspected that he had 'doctored' two recent photographs of the Israeli-Lebanon conflict.
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SubQuestion No: 23
Q. 23 'a picture is worth a thousand words' means that:

1. pictures express more effectively than verbal descriptions

X 2. it takes a lot of words to describe any complex picture
X 3. words are more descriptive than pictures
X 4. detailed descriptions can enhance the value of a picture

## Comprehension:

Read the given passage and answer the questions that follow.
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SubQuestion No : 24
Q. 24 The picture of smoke rising from an apartment depicted:

Ans

1. Israeli airstrike on Lebanon

X 2. bombardment of an Israeli apartment
X 3. the breach of Reuters' standards
X 4. thick smoke due to bad lighting

## Comprehension:

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Much to their annoyance, pen-pushers are routinely reminded that a picture is worth a thousand words-except that sometimes they can be wrong 'words' as happened last week when Reuters was forced to withdraw more than 900 pictures taken by a freelance photographer after it was suspected that he had 'doctored' two recent photographs of the Israeli-Lebanon conflict.
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SubQuestion No: 25
Q. 25 Reuters withdrew pictures of a freelance photographer because:

Ans
X 1. they were not relevant
$X$ 2. they could lead to war
X 3. they were not clear
4. they had been altered

## Section : Quantitative Aptitude

Q. 1 After a price increase of $23 \%$, a television set costs $₹ 56,703$. What was its original price (in ₹)?

Ans
$\times 1.48,540$
$\times$ 2. 47,000
$\times$ 3. 51,100
4. 46,100
Q. 2 A car covers the first 80 km of its journey at a speed of $40 \mathrm{~km} / \mathrm{h}$. The driver makes a stop at the tea-stall for 30 minutes and then contimues his journey at a speed of $60 \mathrm{~km} / \mathrm{h}$ for 4 hours. What is his average speed (in $\mathrm{km} / \mathrm{h}$, correct to 1 decimal place)?
Ans

1. 49.2
2. 48.5
3. 55.4
4. 53.3
Q. 3 The three successive discounts of $18 \%, 12 \%$ and $10 \%$ is equivalent to a single discount of:

Ans
X1. $31.605 \%$
$\times 2.33 .978 \%$
$\times$ 3. $37.509 \%$

- 4. $35.056 \%$
Q. 4 If a 9-digit number 1039 m 837 n is divisible by 72 , then find the value of $\frac{n^{2}-m}{4}$.

Ans

1. 7
$\times 2.6$
$\times 3.2$
$\times 4.4$
Q. 5 Find the number nearest to 51462 , that is divisible by 8 .

Ans
ง1. 51464
$\times 2.51468$
$\times 3.51456$
X4. 51480
Q. 6 A is $40 \%$ more efficient than B. If B finishes a work in 14 days, then in how many days will A finish the same work?

Ans
$\times 1.10 .5$
$\times 2.9$
$\times 3.8 .4$
4. 10
Q. 7 A sold an article to B at $10 \%$ loss, B sold it to C at $15 \%$ profit and C sold it to D at $10 \%$ profit. If D bought it for $₹ 4,554$, then what was the cost price (in ₹) of A?
Ans

1. ₹ 3,960
2. ₹ 4,000
3. ₹ 3,920
4. ₹ 4,200
Q. 8 A merchant purchased 650 kg of wheat at $₹ 50$ per kg . He sold 250 kg of it at a profit of $24 \%$ and 200 kg at a loss of $24 \%$. At what rate per kg (in ₹) should he sell the remaining wheat to gain $20 \%$ on his initial investment?
Ans
$\times 1.52 .5$
$\times 2.47 .5$
$\checkmark$ 3. 79.5
5. 55.5
Q. 9 A woman invested in a private company fund, a total sum of $₹ 10,25,000$ in the names of her son and daughter aged 13 years and 15 years, respectively, such that they get an equal amount when they are of 18 years. If the company gives $20 \%$ compound interest compounded anmually, then how much money (in ₹, to the nearest whole number) should be deposited in the name of her son?
Ans
6. $5,50,500$
7. $3,55,048$
8. $4,20,082$
9. $6,25,000$
Q. 10 Iwo trains start at the same time from two stations and proceed towards each other at speeds $88 \mathrm{~km} / \mathrm{h}$ and $75 \mathrm{~km} / \mathrm{h}$, respectively. When they meet, it is found that one train has travelled 65 km more than the other. What is the distance (in km ) berween the two stations?

Ans
$\times 1.960$
X 2.975
$\times 3.875$

- 4.815
Q. 11 If $a: b=7: 4$, then find $(2 a+7 b):(7 b-2 a)$.

Ans

1. $3: 1$
2. $3: 2$
3. $5: 2$
4. $4: 1$
Q. 12 The simple interest on a certain sum for $4 \frac{1}{2}$ years at $10 \%$ p.a. is $60 \%$ of the compound interest on a sum of ₹ 12,000 for 1 year at $10 \%$ p. a, interest compounded half yearly. The sum on which the simple interest is calculated is:
Ans
5. ₹ 1,640
6. ₹ 2,450
7. ₹ 1,680
8. ₹ 2,000
Q. 13 A man is delayed in reaching his workplace by 30 minutes due to bad traffic as he can drive at $\frac{7}{9}$ of his usual speed. What is his usual time (in hours and minutes) of travel?

Ans

1. 2 hours 10 minutes
2. 1 hour 45 minutes

X 3. 2 hours 15 minutes
4. 1 hour 30 minutes
Q. 14 A sold an article to B at $25 \%$ profit, B sold it to C at a $12 \%$ loss. If C paid $₹ 1,815$ for the article, how much (in ₹) did A pay for the article?
Ans

1. 1,500
2. 1,650
3. 1,600
4. 1,560
Q. 15 The average weight of a class of 20 students is 44 kg . A new student joins the class and the average weight decreases by 300 gm . What is the weight of the new student (in kg )?
Ans
$\times 1.42$
$\times 2.36 .5$

- 3.37 .7
$\times 4.43 .7$
Q. 16 What will be the compound interest (in $₹$, to the nearest rupee) on $₹ 17,600$ for 2 years at $7 \%$ per annum, compounded annually?
Ans 1. 2,015

2. 2,330
3. 2,550
4. 1,225
Q. 17 A earns $₹ 2,250$ in a day if he works for 8 hours a day. B earns $₹ 3,750$ per day if he works for 6 hours a day. The ratio of the per hour wages of A to that of B is:

Ans

1. $7: 19$
$\times 2.15: 28$
$\times 3.11: 17$

- 4. $9: 20$
Q. 18 The average weight of 18 boxes in a boat is increased by 2.5 kg when one of the boxes weighing 75 kg is replaced by a new box. The weight (in kg ) of the new box is:
Ans
$\times 1.108$
- 2. 120
$\times 3.150$
$\times 4.97$
Q. 19 A, B and $C$ can do one-third of a work in 15 days, 30 days and 10 days, respectively. A started the work. C joined him after 1 day and B joined them after 3 days of the beginning. For how many days did C work?
Ans

1. 16
2. 15
$\times 3.13$
X4. 20
Q. 20 Karuna and Aditi scored 434 and 336 marks, respectively, in an examination. If Karuna scored $62 \%$ marks, then what is the percentage of marks scored by Aditi?

Ans
X1. $46.5 \%$
$\times 2.52 \%$
$\times 3.45 \%$

- 4. $48 \%$
Q. 21

Find the value of $\frac{0.23^{2}-0.04^{2}}{0.09}$.
Ans
$\times 1.0 .52$
$\times 2.0 .01$
$\times 3.3$
4. 0.57
Q. 22 If $x \%$ of 190 is 15 less than $(x+10) \%$ of 180 , then $(x+30) \%$ of 90 is what per cent more than $x \%$ of 150 ?

Ans
x1. $16 \frac{2}{3} \%$
2. $25 \%$
3. $20 \%$
4. $17 \frac{1}{3} \%$
Q. 23 A 70 cm wide path is made around a circular garden having a diameter of 14 metres. What is the area of the path (in $\mathrm{m}^{2}$ )?

Ans

1. $10.29 \pi$

X 2. $8.29 \pi$
3. $11.29 \pi$
$\times 4.13 .29 \pi$
Q. 24 A customer paid ₹ 306 for an item after availing successive discounts of $10 \%$ and $15 \%$. What is the marked price of the item (in ₹)?
Ans

1. 420
2. 400
3. 384.50
4. 331
Q. 25 If $x=3-4 y$, then $\left(x^{3}+64 y^{3}+36 x y\right)$ is equal to:

Ans

1. $27(1+3 x y)$
2. $9(3+5 x y)$
3. $27(1+x y)$
4. 27

## Section: General awareness

Q. 1 The Moortidevi award is an Indian literary award presented annually by the $\qquad$ -

Ans

1. Bharatiya Jnanpith
2. Azim Premji Foundation
3. KK Birla Foundation
4. Indian Council of Historical Research
Q. 2 UPI is a system that powers multiple bank accounts into a single mobile application. What is the full form of UPI?

Ans

1. Unified Payments Interface
2. Universal Payments Interface
3. User Pay Interpretation
4. User Payments Interface
Q. 3 In which of the following states/union territories was the first edition of the Himalayan Film Festival 2021 held?

Ans

1. Jammu and Kashmir
2. Himachal Pradesh
3. Ladakh
4. Uttarakhand
Q. 4 Which of the following is/are NOT true about revenue receipts?
I. They are receipts of the government which are non-redeemable.
II. They can be claimed from the government under special circumstances.

Ans
<1. Only I

- 2. Only II

X 3. Both I and II
X 4. Neither I nor II
Q. 5 In February 2021, the Pilot Pey Jal Survekshan was launched by:

Ans
X 1. the Ministry of Food Processing Industries
X 2. the Ministry of New and Renewable Energy
X 3. the Ministry of Social Justice and Empowerment

- 4. the Ministry of Housing and Urban Affairs
Q. 6 In September 2021, the government of Chhattisgarh launched the $\qquad$ with the objective of making the state a hub for this cereal crop in India.
Ans
X1. Wheat Mission
X 2. Rice Mission
X 3. Oats Mission

4. Millet Mission
Q. 7 Dale Steyn, the cricketer who announced his retirement from all forms of the game in August 2021, is from $\qquad$ -.
Ans
<1. Australia
5. England
6. South Africa

X 4. New Zealand
Q. 8 The popular ritual of 'Kanya/Kumari Puja' is held during which of the following festivals?

Ans

1. Vasant Panchami
2. Makar Sankranti
3. Deepavali
4. Sharad Navaratri

## Q. 9 Who among the following was the Union Finance Minister when the Pradhan Mantri

 Jan Dhan Yojana was launched?Ans
X 1. Sushma Swaraj
2. Arun Jaitley

X 3. Nirmala Sitharaman
$X$ 4. Rajnath Singh
Q. 10 How many hydrogen atoms does a molecule of calcium hydroxide contain?

Ans

1. Four
< 2. Three
2. Two
$\times 4$. One
Q. 11 Tomara Rajputs were defeated in the twelfth century by the Chauhans of $\qquad$ -.
Ans
X 1. Bikaner
X 2. Udaipur
3. Ajmer

X 4. Jodhpur
Q. 12 Who among the following has released 'IndiGau', India's first cattle genomic chip, for the conservation of pure varieties of indigenous cattle breeds?
Ans
X1. Dr Renu Swarup

- 2. Dr Jitendra Singh

X 3. Sudhir Shrivastava
X 4. Amit Saxena
Q. 13 The division of powers between the Union and the States is in the $\qquad$ Schedule.
Ans
X1. Fourth
X 2. Third
3. Seventh

X 4. Fifth
Q. 14 The first Tirthankara of Jainism is believed to be Rishabhanatha, who was born in:

Ans

1. Pataliputra

- 2. Ayodhya

X 3. Vaishali
4. Varanasi
Q. 15 In which of the following events did Bhavinaben Patel represent India at the Paralympic Games held in Tokyo in 2021?
Ans
$\times 1$. Shot put

- 2. Table tennis

X 3. Basketball
X 4. Archery
Question ID : 65497839100
Status : Not Answered
Chosen Option : --
Q. 16 Herpetologist Deepak Veerappan has a $\qquad$ named after him which is known as 'Xylophis deepaki'.

Ans

1. tortoise
2. lizard
3. frog
4. snake
Q. 17 Which of the following is a wildlife sanctuary in north-east India?

Ans

1. Kanha
2. Bandhavgarh
3. Manas
4. Periyar
Q. 18 In which of the following countries will breakdance make its debut as an official sport in Olympics 2024?

Ans
X1. Spain
2. Australia
3. France
4. New Zealand
Q. 19 Which of the following statements is INCORRECT about redworms ?

Ans
<1. Redworms do not have teeth.
2. A redworm can eat food equal to its own weight, in a day.
3. Redworms need dry surroundings for their survival.

X 4. They have a structure called 'gizzard', which helps them in grinding their food.
Q. 20 Which of the following articles of the Constitution of India states that there shall be a special officer for linguistic minorities to be appointed by the President?

Ans
X1. Article 234A
2. Article 167B
3. Article 345A
4. Article 350B
Q. 21 In which of the following states is Arulmigu Kapaleeshwarar Temple located?

Ans
X1. Maharashtra
$\checkmark$
2. Tamil Nadu
3. Kerala
4. Karnataka
Q. 22 Who among the following is the brand ambassador of Uttarakhand's Department of Women Empowerment and Child Development as of August 2021?

Ans
X1. Mary Kom
2. PV Sindhu
3. Mirabai Chanu
4. Vandana Katariya
Q. 23 When is the International Day for the Preservation of the Ozone Layer observed globally every year?
Ans

1. 16 September
2. 27 November
3.30 March
3. 2 February
Q. 24 In the context of Bhakti-Sufi traditions of India, Manikkavachakar, a devotee of $\qquad$ _, composed beautiful devotional songs in Tamil.
Ans
X 1. Vishnu
X 2. Bramha
> 3. Saraswati
4. Shiva

| Q. 25 In which of the following years was the Geological Survey of India established? <br> Ans <br> 1. 1899 <br> 2. 1945 <br> I <br> 3. 1916 <br> 4. 1851 |  |
| :---: | :---: |
|  | Question ID : 65497838377 <br> Status : Not Answered <br> Chosen Option : -- |


| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $03 / 02 / 2022$ |
| Exam Time | 3:00 PM - 4:00 PM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

Q. 1 In a certain code language, 'SQUARE' is coded as '1081599', and 'RIGHT' is coded as ' 915782 '. How will 'SUBTLE' be coded in that language?
Ans
<1. 1021239
2. 1013229
3. 1012239
4. 1220193

Read the given statements and conclusions carefully. Assuming that the informationgiven 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 from the statements.

## Statements:

1. Some Books are Pencils.
2. All Pencils are Sharpeners.
3. All Books are Bags.

Conclusions:
I. Some Bags are Sharpeners.
II. Some Sharpeners are Books.
III. Some Sharpeners are Pencils.

Ans

1. All conclusions I, II and III follow.
2. Only conclusions II and III follow.

X 3. Only conclusions I and II follow.
4. Only conclusions I and III follow.
Q. 3 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

SPL : HRO :: KFQ : ?
Ans

1. PHT
2. PHS
$\times 3$. OHT
4.OGS
Q. 4 'A @ B' means 'A is the husband of $B$ '.
' $A$ \& $B$ ' means ' $A$ is the mother of $B$ '.
' $A$ \# $B$ ' means ' $A$ is the daughter of $B$ '.
If G @ V \& K @ P \# J, then how is G related to P?
Ans
X1. Father
3. Father-in-law

X 3. Paternal uncle
4. Maternal uncle
Q. 5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. PREREQUISITE
2. PRESCRIPTION
3. PREPOSITION
4. PREROGATIVE
5. PREPOSTEROUS

Ans
< $1.2,5,3,4,1$
2. 2, 5, 1, 4, 3
3. $3,5,1,4$, 2
4. $2,5,1,3,4$
Q. 6 G's mother is the only daughter of $K$. $N$ is the son of $F$ and $K$. $H$ is the son of $N$ and $M$.
$F$ is the father's father of H . How is K related to H ?
Ans

1. Father's mother
2. Mother's father

X 3. Father's brother
4. Mother's mother
Q. 7 Select the number from among the given options that can replace the question mark (?) in the following series.

20, 120, 240, 380,?
Ans
<1.590
< 2.660

- 3.540
4.680
Q. 8 Select the correct mirror image of the given figure when the mirror is placed at ' $A B^{\prime}$ ' as shown.


Ans

Q. 9 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.

Statement:
No kettle is a stove.
All stoves are lighters.
Conclusions:
I. No kettle is a lighter.
II. No lighter is a kettle.
III. Some lighters are stoves.
IV. All lighters are stoves.

Ans

1. Only conclusion III follows
2. Both conclusions I and II follow

X 3. Both conclusions I and IV follow
X 4. Only conclusion I follows
Q. 10 'Huge' is related to 'Vast' in the same way as 'Fast' is related to ' $\qquad$ ,
Ans
X1. Furious

- 2. Rapid

X 3. Steady
X 4. Gentle

Question ID : 65497838088
Status: Answered
Chosen Option : 2
Q. 11 In a certain code language, 'SIGNAL' is coded as 673425, and 'SLIDE' is coded as 65719. How will 'IDEAL' be coded in that language?

Ans

1. 71925
$\times 2.59751$
X 3.97521
$\times 4.97215$
Q. 12 Six girls $M, N, O, P, Q$ and $R$ are sitting on a bench facing towards the east. $M$ is sitting between $P$ and $Q$. Only two girls are sitting to the right of $Q$. $R$ is sitting to the immediate left of $P$.
Who is sitting at the extreme left end?
Ans
<1. Q
2.R

X 3. P
$\times 4 . \mathrm{N}$
Q. 13 In a certain code language, 'Knowledge' is written as 'Egdeknowl'. How will 'Sarcastic' be written in that language?
Ans
<1. Cstisarca
< 2. Cstiacras
X 3. Citsacras

- 4. Citssarca
Q. 14 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

3:17:: 6 : ? :: $9: 47$
Ans
1.32
$\times 2.36$
$\times 3.34$
$\times 4.38$
Q. 15 In a certain code language, 'ANSWER' is written as 'ASNEWR', and 'BRANCH' is written as 'BARCNH'. How will 'LAWYER' be written in that language?
Ans

1. LWAEYR
2. ALYWRE

X 3. AYLREW
X 4. LWAFYR
Q. 16 In a certain code language, 'CROW' is coded as 177 , and 'EAGLE' is coded as 90 . How will 'DOVE' be coded in that language?
Ans
1.117
2. 142
3. 138
4.92
Q. 17 Select the figure from among the given options that can replace the question mark (2) and complete the pattern (rotation is NOT allowed).


Ans
$\times 1$
$\times 2$

$\times 3$.

$\checkmark 4$.

Q. 18 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans
X 1. KMP
X 2. MOR
X 3. sux
4. QSW
Q. 19 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
$K_{-} T G B+L T G \quad K L \_G B K L T+B$
Ans

1. L, K, B, T, G

X 2. L, B, K, T, G
3. L, K, B, G, T
4. L, B, K, G, T
Q. 20 In a certain code language, 'JOVIAL' is written as 'QIECZF' and 'TENDER' is written as 'GYMXVL'.How will 'STRING' be written in that language?
Ans
X1. HGIRMT
X 2. MNLCHA
3. HNICMA
4. HIGRMT
Q. 21 Seven friends $\mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}$ and V are sitting in a horizontal straight line, all facing towards the north. $V$ is sitting exactly at the middle position. Only three friends are sitting between $P$ and $S$. Only $Q$ is sitting between $S$ and $T$. $T$ is sitting third to the right of V.
Who is sitting at the extreme left end?
Ans
X1. Q
$\times 2 . \mathrm{T}$
X 3.5
4.P
Q. 22 Which two signs need to be interchanged to make the following equation correct?
$151+17 \times 18 \div 2-19=17$
Ans

1.     - and +
2. $\div$ and $\times$

X 3. + and $\times$
4. - and $\times$
Q. 23 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

VQL, RMH, NID, JEZ , ?
Ans

1. FAV

X 2. HFD
X 3. ROI
X4.EZS
Q. 24 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans
$\times 1$.

$\times 2$.

$\checkmark 3$.

$\times 4$.

Q. 25 Select the number from among the given options that can replace the question mark
(?) in the following series.
$4,16,36,64$, ?
Ans
$\times 1.96$
$\times 2.112$
$\times 3.72$
4. 100

Section: English Language
Q. 1 Select the most appropriate option to fill in the blank.

Shakespeare still remains the most read and the most $\qquad$ performed of all dramatists.

Ans
X 1 . casually
X 2. narrowly
X 3. mainly
4. widely
Q. 2 Select the option that can be used as a one-word substitute for the given group of words.

Full of people
Ans

1. Populous
2. Popular
3. Prominent
4. Porous
Q. 3 Select the option that expresses the given sentence in direct speech.

The chef asked his assistant where he had stored the spices.
Ans
X1. The chef said to his assistant, "Where you have stored the spices?"
2. The chef said to his assistant, "Where did you store the spices?"

X 3. The chef said to his assistant, "Where had he store the spices?"
X 4. The chef said to his assistant, "Where do you store the spices?"
Q. 4 Select the option that can be used as a one-word substitute for the given group of words.

An afternoon performance of a play, film or show
Ans

1. Matinee
$X$ 2. Exhibition
$X$ 3. Circus
X 4. Musical
Q. 5 Select the most appropriate option to fill in the blank.

I am glad I $\qquad$ my friend's invitation to dinner as I met many old friends there.
Ans
X 1. admitted
X 2. denied
-
3. accepted
4. allowed
Q. 6 Select the most appropriate synonym of the given word.

Split
Ans
$\times 1$. Combine

- 2. Divide

X 3. Join
X 4. Attach
Q. 7 Select the most appropriate meaning of the given idiom.

A piece of cake
Ans
X1. To be sweet
X 2. To be difficult
3. To be easy
$\times 4$. To be correct

## Q. 8 Select the wrongly spelt word.

Ans
$X 1$. condone
X 2. belief
3. semetery
$\times 4$. receive
Q. 9 Select the most appropriate synonym of the given word.

Distinguished
Ans
X1. Practical
X 2. Lowly
X 3. Ordinary
4. Acclaimed
Q. 10 Select the most appropriate meaning of the given idiom.

To raise a few eyebrows
Ans
X1. To pretend to be shocked
2. To cause surprise or shock
3. To say something funny
4. To mime and make faces
Q. 11 Select the most appropriate ANTONYM of the given word.

Fret
Ans
X1. Bother
2. Please

X 3. Worry
X 4. Disturb
Q. 12 Select the wrongly spelt word.

Ans

1. Irreligous
2. Rebellious
3. Irrelevant
4. Irritating
Q. 13 Select the most appropriate ANTONYM of the given word.

## Defamatory

Ans

1. Slandering
2. Insulting
3. Unflattering
4. Complimentary
Question ID : 65497838218
Status: Answered
Chosen Option : $\mathbf{4}$
Q. 14 Select the INCORRECTLY spelt word.

Ans
X 1. Tomorrow
2. Accomodate

X 3. Marathon
4. Grammar
Q. 15 Select the option that expresses the given sentence in passive voice.

The shopkeeper assured me about the freshness of the vegetables.
Ans

1. I had been assured by the shopkeeper about vegetables being freshness of the vegetables.
X 2. I was being assured about the freshness of the vegetables by the shopkeeper.
2. I was assured about the freshness of the vegetables by the shopkeeper.
X.I am assured by the shopkeeper about the freshness of the vegetables.

## Comprehension:

Read the given passage and answer the questions that follow.
Students are increasingly turning to online courses because they have become a better way to learn. Online courses offer students greater control over their own learning by enabling them to work at their own pace.
Some other benefits are the engaging multimedia content, greater access to the instructor and the stimulating online interactions with other students and the teachers. All these can add to enhanced learning and improved retention.
Another key feature is that online courses tend to include more frequent assessments. The more often students are assessed, the better their instructors can track progress and intervene when needed.
I experienced all this myself when I completed a six-week online program through Columbia Business School. As a busy executive, the only way I was able to take such a course was online. And it proved to be an incredibly valuable and timely experience - highly relevant to my new job. I was able to do many of the lecture portions from my iPhone while sitting on a plane. I did coursework during the week and turned in weekly assignments on Sunday evening. And each Wednesday, I attended live online sessions with professors and students from around the world.
Many students who have taken both face-to-face and online courses now rank their online experiences equal to or better than their more traditional classroom courses. We have reached a watershed moment when the discussion will no longer be about the relative merits of online learning, but how best to implement online programmes for maximum effect on student enrollment and success.

SubQuestion No: 16
Q. 16 Select the option that does NOT correctly complete the given sentence.

Online classes are useful because one $\qquad$ -.
Ans 1. has to take only one final examination
$X$ 2. has more control over one's learning
$X$ 3. can study at one's own pace
X 4. can easily clarify one's doubts online

## Comprehension:

Read the given passage and answer the questions that follow.
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SubQuestion No: 17
Q. 17 Many students who have taken online courses feel that $\qquad$ .
Ans $\quad$ 1. online courses are only for working people
$\times 2$. nothing can replace face-to-face traditional learning
X 3. traditional classrooms have better content and teachers
4. online experience is equal, if not better than the traditional

## Comprehension:

Read the given passage and answer the questions that follow.
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SubQuestion No: 18
Q. 18 Select the option that does NOT correctly complete the given sentence.

Online course professors $\qquad$ .
Ans
X 1. check progress regularly
2. do not permit peer interaction
$X$ 3. interact with student groups
X 4 . intervene when necessary

## Comprehension:

Read the given passage and answer the questions that follow.
Students are increasingly turning to online courses because they have become a better way to learn. Online courses offer students greater control over their own learning by enabling them to work at their own pace.
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SubQuestion No: 19
Q. 19 The writer found the online course useful because he $\qquad$ _.
Ans 1. could adjust and fit the course to his work schedule
X 2. did not have to submit regular assignments
X 3. was given special study leave from his executive duties
X 4. spent wonderful hours chatting online about his interests

## Comprehension:

Read the given passage and answer the questions that follow.
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SubQuestion No: 20
Q. 20 By 'watershed moment' the writer means:

Ans $\times 1$. middle point
X 2. checkpoint
3. turning point

X4. pinpoint

## 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.

I was often invited to colleges and universities (1) $\qquad$ lectures. Once, I went to a university to deliver a lecture. (2) $\qquad$ it was over, the students gathered to ask (3) $\qquad$ questions. Though it was getting late (4) $\qquad$ my next programme, since I love talking to
(5) $\qquad$ , I remained there answering their questions.

SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in blank No. 1.

Ans
X 1. deliver
2. to deliver

X 3. delivering
X 4. delivered

## 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.

I was often invited to colleges and universities (1) $\qquad$ ectures. Once, I went to a university to deliver a lecture. (2) $\qquad$ it was over, the students gathered to ask (3) $\qquad$
questions. Though it was getting late (4) $\qquad$ my next programme, since I love talking to
(5) $\qquad$ , I remained there answering their questions.

SubQuestion No : 22
Q. 22 Select the most appropriate option to fill inblank No. 2.

Ans
X 1 . Until
2. After

X 3. While
X4. As long as

## 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.

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(5) $\qquad$ , I remained there answering their questions.

SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in blank No. 3.

Ans
X 1. a little
X 2. any
X 3. all
4. some

## 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.

I was often invited to colleges and universities (1) $\qquad$ lectures. Once, I went to a university to deliver a lecture. (2) $\qquad$ it was over, the students gathered to ask (3) $\qquad$
questions. Though it was getting late (4) $\qquad$ my next programme, since I love talking to
(5) $\qquad$ , I remained there answering their questions.

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank No. 4.

Ans
X1. at
$\times 2$. to

- 3. for
$\times 4$. on


## 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.

I was often invited to colleges and universities (1) $\qquad$ lectures. Once, I went to a university to deliver a lecture. (2) $\qquad$ it was over, the students gathered to ask (3) $\qquad$
questions. Though it was getting late (4) $\qquad$ my next programme, since I love talking to
(5) $\qquad$ , I remained there answering their questions.

SubQuestion No: 25
Q. 25 Select the most appropriate option to fill in blank No. 5.

Ans

1. students
2. professors
3. principals
4. teachers

## Section : Quantitative Aptitude

Q. 1 A shopkeeper sold an item at $20 \%$ gain. Had he bought it $₹ 50$ cheaper and sold it at the same price, he would have gained $25 \%$. Find the cost price of the item (in ₹).

Ans
$\times 1.1,100$
X 2. 1,150
X 3. 1,000

- 4. 1,250
Q. 2 Pipes A and B can fill a tank in 4 hours and 6 hours 40 minutes, respectively; whereas a third pipe C can empty the full tank in 1 hour 40 minutes. A and $B$ are opened at $2: 00 \mathrm{p} . \mathrm{m}$. and $3: 00 \mathrm{p} . \mathrm{m}$, respectively and C is opened at $4: 00 \mathrm{p} . \mathrm{m}$. The tank will be completely empty at:
Ans

1. 7:10 p.m.
2. $7: 20$ p.m.
3. 7:00 p.m.
4. 7:15 p.m.
Q. 3 Find the sum of the greatest and the smallest number which may replace $k$ in the number $8130 k 36$ so that the number is divisible by 8 .

Ans
10
-2. 9
3. 12
4. 8
Q. 4 The average of 15 numbers is 30 , while the average of 13 of these numbers is 32 . If the remaining two numbers are equal, then what is each of the two numbers?
Ans
-1. 17
$\times 2.31$
$\times 3.16$
$\times 4.34$
Q. 5 A vegetable dealer buys 50 carrots for $₹ 36$, and sells 36 carrots for $₹ 50$. His profit percentage (correct to one decimal place) is:
Ans
X1. $66.9 \%$
X 2. $87.7 \%$
$\checkmark$ 3. $92.9 \%$
×4.74.9\%
Q. 6 What will be the amount (in $₹$ ) of a sum of $₹ 6,000$ in $2 \frac{1}{4}$ years at $13 \frac{1}{3} \%$ p.a. if the interest is compounded 9 -monthly?

Ans

1. 7,986
2. 8,429
3. 7,869
4. 7,896
Q. 7 A car covers a certain distance at a constant speed of $45 \mathrm{~km} / \mathrm{h}$ in 4 hours. If the car moves at a speed of $40 \mathrm{~km} / \mathrm{h}$, how much more time (in minutes) will it take to cover the same distance?

Ans

1. 40
2. 25
$\times 3.20$
$\checkmark 4.30$
Q. 8 A borrowed ₹ 58,000 from B at $8 \%$ per annum simple interest for 2 years. He lent the same sum to C at $10 \%$ per annum compound interest, compounded annually for 2 years. How much did he earn (in ₹) in the transaction at the end of 2 years?
Ans 1. 3,000
3. 2,800
4. 2,900
5. 2,750
Q. 9 A woman cycles 30 km in 1 hour 45 minutes. A part of her journey is on a level road 18 km long, and the remaining journey is uphill. If the woman's average speed on the level road is $24 \mathrm{~km} / \mathrm{h}$, what is her uphill speed (in $\mathrm{km} / \mathrm{h}$ )?
Ans
$\times 1.20$
$\times 2.15$
6. 12
$\times 4.10$
Q. 10 What is the difference between the compound interest on a sum of $₹ 10.000$ at $12 \%$ p.a. for $1 \frac{1}{4}$ years when the interest is compounded annually and when the interest is compounded 5 -monthly? (nearest to a ₹)

Ans

1. 35
2. 40
3.36
3. 42
Q. 11 By selling a wall clock for $₹ 3,034$, a shopkeeper loses $18 \%$. If he wishes to make a profit of $18 \%$, what should be the selling price (in ₹) of the clock?
Ans
4. 5,488
5. 4,500
6. 4,366
7. 3,920
Q. 12 A shopkeeper allows series of discounts of $20 \%, 10 \%$ and $15 \%$. How much will a customer have to pay for the item marked at ₹ 1,000 ?

Ans
X1. ₹550
$\times 2$. ₹ 628
X 3. ₹620

- 4. ₹612
Q. 13 If $\mathrm{N}=(307)^{38}+(524)^{20}$, then what is the unit digit of N ?

Ans $\times 1.6$
-2. 5
$\times 3.3$
$\times 4.4$
Q. 14 What is the third proportional to 12 and 54 ?

Ans
$x^{1} \cdot 18 \sqrt{2}$
$\times 2.4 .5$

- 3. 243

X4. 42
Q. 15 The cost price of a shirt is ₹ 450 . A shopkeeper marks its price in such a way that he earns a profit of $24 \%$ after giving 250 discount on its marked price. The marked price (in ₹) of the shirt is:

Ans
-1. 744
$\times 2.730 .80$
$\times 3.670 .50$
$\times 4.675$
Q. 16 The area of a triangular plot, whose sides are $100 \mathrm{~m}, 105 \mathrm{~m}$ and 145 m , is equal to a rectangular field, whose sides are in the ratio $7: 10$. The perimeter ( in m ) of the rectangular field is:

Ans

1. $340 \sqrt{5}$
2. $340 \sqrt{3}$
3. $170 \sqrt{3}$
4. $170 \sqrt{5}$
Q. 17 If $x+\frac{1}{x}=1-\sqrt{2}$, then find the value of $x^{3}+\frac{1}{x^{3}}$.

Ans

1. $4-2 \sqrt{2}$
2. $2-\sqrt{2}$
3. $2 \sqrt{2}-4$
4. $4+2 \sqrt{2}$
Q. 18 The difference between $80 \%$ and $65 \%$ of the same number is 135 . What is $49 \%$ of the same number?

Ans
$\times 1.539$
2. 392
3. 490
4. 441
Q. 19 The average of the first three numbers out of four numbers is 18 and that of the last three numbers is 20 . If the last number is 25 , what is the first number?

Ans
$\times 1.28$
2. 36
3. 35
4. 19
Q. 20 The ratio of the incomes of A and B is 5:7 and their savings are $₹ 5,000$ and $₹ 9,000$, respectively. If the ratio of their expenditures is $3: 4$, then what is the sum of the incomes (in ₹) of $A$ and $B$ ?

Ans

1. 72,000
2. 84,000
3. 60,000
4. 96,000
Q. 21

If $x+\frac{1}{x}=5$, then find the value of $x^{2}+\frac{1}{x^{2}}$.
Ans
$\times 1.22$
$\times 2.10$
3. 20
4. 23
Q. 22 What is the average of the first 8 multiples of 8 ?

Ans
$\times 1.33$
X2. 34

- 3.36

X4. 32
Q. 23 Fight men can complete a work in 54 days. In how many days will 6 men and 12 boys complete the same work if one man works as much as 2 boys?
Ans

1. 36
2. 30
3. 24
4. 40
Q. 24 Amit saves $20 \%$ of his income. If his income increases by $38 \%$ and expenditure increases by $60 \%$, then by what per cent does his saving increase decrease?

Ans

1. $50 \%$ (increase)
2. $100 \%$ (decrease)
3. $22 \%$ (increase)
4. $50 \%$ (decrease)
Q. 25 The ratio of the incomes of A and B is $3: 4$. The ratio of their expenditure is $7: 10$. If A and B save $₹ 2,500$ and ₹ 3,000 , respectively, then what is the ratio of the income of $B$ to the combined expenditure of $A$ and $B$ ?

Ans
$\times 1.17: 18$
2. $16: 17$
3. $11: 13$
4. $5: 7$

## Section : General awareness

## Q. 1 Which of the following devices is used for measuring distance?

Ans
X1. Gnomon
2. Odometer

X 3. Manometer
X 4. Pyrometer
Q. 2 Who was appointed as the brand ambassador of FMCG brand Priyagold in September 2021?
Ans
X1. Akshay Kumar
2. Kiara Adwani

X 3. Vinod Kannan
4. Kareena Kapoor
Q. 3 Which of the following villages is related to the 'Bhoodan Movement' initiated by Vinoba Bhave?

Ans
X1. Hogenakkal
2 2. Pochampally
X 3. Amrapali
4. Kumbhari
Q. 4 In which of the following years did the first Amendment Act of the Constitution of India come into force?

Ans
X1. 1971

- 2.1951
$\times 3.1989$
$\times 4.1948$
Q. 5 Which of the following books is NOT authored by Amitav Ghosh?

Ans
$X 1$. Sea of Poppies
X 2. The Hungry Tide
-
3. The God of Small Things
4. The Shadow Lines
Q. 6 Which of the following are included in 'revenue receipts'?
(a) Tax Revenue (b) Non-tax Revenue

Ans
X1. Only (b)
$\times$ 2. Neither (a) nor (b)
X 3. Only (a)
4. Both (a) and (b)
Q. 7 The is the primary layer of the rainforest and forms a roof over the two remaining layers.
Ans

1. canopy layer

X 2. understory layer
3. forest floor
4. emergent layer
Q. 8 The panel of chairpersons in Lok Sabha consists of how many members?

Ans
$\times 1.13$

- 2.10
$\times 3.17$
$\times 4$
Q. 9 In which year did Debendranath Tagore establish the Tattvabodhini Sabha?

Ans
X1. 1868
$\times 2.1828$
X 3.1815
-
4. 1839

Question ID : 65497838175
Q. 10 If a table tennis game does not go up to deuce, then what is the maximum point to be earned by the winner?
Ans
$\times 1.10$
$\times 2.15$
(3.14

- 4.11
Q. 11 'Dumhal' is the famous dance form of which of the following states/union territories?

Ans

1. Jammu and Kashmir
2. Karnataka
3. Puducherry
4. Uttar Pradesh
Q. 12 $\qquad$ is used to remove the temporary and permanent hardness of water.
Ans
. Sodium carbonate
X 2. Calcium oxide
X 3. Potassium oxide
X 4. Hydrogen sulphide
Q. 13 Which of the following countries won the most medals at the Tokyo Paralympics 2020?

Ans

- 1. China
$\times 2$. USA
X 3. India

4. Great Britain
Q. 14 The 'PM-DAKSH' Portal and 'PM-DAKSH' Mobile App launched in August 2021, were developed by the Ministry of $\qquad$ in collaboration with National E-Governance Division.

Ans
X1. Chemicals and Fertilizers
X 2. Law and Justice
-
3. Social Justice and Empowerment
4. Agriculture and Farmers Welfare
Q. 15 Which of the following is a Zaid crop?

Ans
X1. Rice
$\times 2$. Peas3. Wheat
4. Muskmelon
Q. 16 Which of the following banks' Retail Direct Scheme has been formulated as a one-stop solution to facilitate investment in government securities by individual investors?
Ans
X1. State Bank of India
2. ICICI Bank
3. HDFC Bank
4. Reserve Bank of India
Q. 17 Which of the following has become the first life insurance company to provide its customers with the UPI AutoPay facility?
Ans
X1. SBI life Insurance
2. ICICI Prudential Life

X 3. PNB Met Life Insurance
X 4. HDFC Life Insurance
Q. 18 In which of the following states is Rumtek Monastery situated?

Ans
X1. Assam
2. Sikkim
3. Tripura
4. Nagaland

Question ID : 65497838467
Status : Not Answered
Chosen Option : --
Q. 19 In which of the following sports has Oinam Bembem Devi represented India?

Ans
X1. Volleyball
X 2. Hockey
3. Football

X 4. Cricket
Q. 20 In September 2021, which of the following states announced that it would set up an electronic park?

Ans
X1. Karnataka
X 2. Madhya Pradesh
3. Uttar Pradesh

X 4. Punjab
Q. 21 Pattadakal, a UNESCO world heritage site, is located on the banks of River $\qquad$ -.
Ans1. Tungabhadra
2. Malaprabha
3. Ghataprabha
4. Bhima
$\qquad$ wrote the first Sanskrit grammar book named 'Ashtadhyayi'.
Ans $\times 1$. Valmiki
2. Panini
$\times$ 3. Tulsidas
X 4. Kabir
Q. 23 Honey is composed of water and two types of sugars: $\qquad$ and glucose.
Ans

1. sucrose
2. dextrose
3. fructose
4. laevulose

Question ID : 65497838473
Q. 24 The third edition of the bilateral exercise 'Samudra Shakti' was held in which of the following countries in September 2021, where two Indian naval ships, Shivalik and Kadmatt, participated?
Ans
<1. Malaysia
2. Indonesia
3. Japan
4. Australia
Q. 25 In which of the following years was the Women's Indian Association established in Madras (Chennai)?
Ans
< 1.1948
${ }^{1}$
< 2.1951
3. 1927
4. 1917

## Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 03/02/2022 |
| Exam Time | 9:00 AM $-10: 00$ AM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

Q. 1 Which two signs should be interchanged to make the given equation correct?
$294+14 \times 4 \div 16-67=33$
Ans
<1. $\times$ and $\div$
2. - and $\div$
3. + and -
4. + and $\div$

Question ID: 65497838818
Status : Answered
Chosen Option : 4
Q. 2 In a certain code language, 'STUMBLE' is coded as ' 95 ', and 'NASTY' is coded as ' 55 '. How will 'CLOUDY' be coded in that language?
Ans
<1.90
$\times 2.92$
$\times 3.82$

- 4.80
Q. 3 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans
X1.NQS
X2. BEG
- 3. JMQ

4. FIK
Q. 4 A, B, C, D, E, F, G, H and K are sitting around a circle facing the centre. A is third to the left of $H$, who is fourth to the left of $G$. C is fourth to the right of $D$, who is second to the right of $A$. $E$ is third to the left of $G$. $B$ is fourth to the right of $K$. In which of the following combinations are the three persons sitting together?
Ans
5. KEB
6. DHE
7. BCK
8. HCG
Q. 5 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 from the statements.

## Statements:

No coffee is butter.
No cream is coffee.
Conclusions:
I. No butter is cream.
II. All cream is butter.

Ans
X 1. Only conclusion II follows.
X 2. Both conclusions I and II follow.
X 3. Only conclusion I follows.4. Neither conclusion I nor II follows.
Q. 6 In a certain code language, 'SOUND' is coded as ' 219 ' and 'BRICK' is coded as ' 172 '. How will 'SLACK' be coded in that language?
Ans
$\times 1.148$
$\times 2.138$

- 3.184
$\times 4.183$
Q. 7 If ' $P+Q$ ' means ' $Q$ is the mother of $P$ ', ' $P-Q$ ' means ' $Q$ is the brother $P$ ', ' $P \% ~ Q '$ means ' $Q$ is the father of $P$ ', and ' $P \times Q$ ' means ' $Q$ is the sister of $P$ ', which of the following options shows that ' $Q$ is the maternal uncle of $P$ '?
Ans
X $1 . K-M+N \times L$
X2. $L-N+M \times K$
$\checkmark$ 3. $\mathrm{K}+\mathrm{S} \times \mathrm{N}-\mathrm{L}$

4. $\mathrm{L}-\mathrm{S} \% \mathrm{~K}+\mathrm{N}$
Q. 8 Select the figure from the options that can replace the question mark (?) in the following figure series.


Ans
$\times 1$

$\checkmark 2$.

$\times 3$

$\times 4$

Q. 9 P, Q, R, S and T are sitting on a bench. $Q$ is sitting next to $T$. $S$ is not sitting with $P$, who is at the right end of the bench. $R$ is at the second position from the left. $T$ sits second to the right of S . In which position is T sitting?

Ans
$X 1$. Between $Q$ and $P$
$X$ 2. Between $P$ and $Q$
X 3. Between $S$ and $R$
4. Between $R$ and $Q$
Q. 10 Select the option in which the given figure is embedded (rotation is NOT allowed).

## ப

Ans

Q. 11 In a certain code language, 'LAKE' is coded as ' 9135 ', and 'KITE' is coded as ' 3785 '. How will 'TAIL' be coded in that language?
Ans
X 1.8719

- 2.8179
$\times 3.5189$
$\times 4.5819$
Q. 12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.


## Statements:

Some managers are accountants.
All accountants are auditors.
Conclusions:
I. All auditors are accountants.
II. All managers are auditors.

Ans
X1. Both conclusions I and II follow
X 2. Only conclusion I follows
X 3. Only conclusion II follows
4. Neither conclusion I nor II follows
Q. 13 Select the number from among the given options that can replace the question mark (?) in the following series.
$31,31,34,170,177$, ?
Ans
1.1593
2. 1680
3. 1740
$\times 4.1470$
Q. 14 'Argentina' is related to 'Peso' in the same way as 'Cambodia' is related to ' $\qquad$ '.

Ans
$X 1$. Euro
X 2. Real

- 3. Riel

X 4. Kina
Q. 15 In a certain code language, 'MARKER' is written as 'AMXERE'. How will 'REDUCE' be written in that language?
Ans
X1. REJOCE
X 2. ERXAEC
3. ERJOEC

X 4.EKJOIC

Q． 16 Select the correct mirror image of the given combination when the mirror is placed at $P Q$ as shown．

## LOnGItUDE $\left.\right|_{Q} ^{P}$

Ans
1．$\Gamma \mathrm{O}$ Ш $\mathrm{C} f \mathrm{I} \cap \mathrm{DE}$
2．ヨ GUJID』O」
3．$\Gamma \mathrm{O}$ 部If $\cap \mathrm{DE}$
4．ヨهUIt

Q． 17 In a certain code language，＇MAGNET＇is written as＇BLOFUD＇．How will＇PRAISE＇be written in that language？
Ans
$X$ 1．SQJBFT
X 2．oszurf
$\checkmark$ 3．SOJZFR
$\times 4$. QQhbDT

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

CIST＿RNCI＿TERNC＿STER＿
Ans
X1．IENS
2．IESN
3．ESIN
4．SENI

Q． 19 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number．

36 ： 18 ：： 75 ：？：： 25 ： 14
Ans
$\times 1.89$
X2． 56
－ 3.24
$\times 4.37$
Q. 20 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

OLK, MNL, KPM, IRN, ?
Ans
X1.JQR
2. GTO

X 3. HSO
X4. GUP
Q. 21 In a certain code language, 'FANGLE' is written as 'UZMTOV', and 'GUNTER' is written as 'TFMGVI'. How will 'ISOLATE' be written in that language?
Ans
X1.RGLOZHV
X 2. RHOLZGV
3. RHLOZGV

X 4. RGLOHZV
Q. 22 Ranjani is the sister of Samrat. Pranit's mother is married to Samrat. Bhagya has one son and one daughter. Laya is the sister of Pranit, who is the paternal grandson of Bhagya. Laya is the daughter of Rachana. How is Ranjani related to Rachana?
Ans
X1. Sister
2. Husband's sister

X 3. Daughter
4. Brother's wife
Q. 23 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Toaster
2. Trivial
3. Topology
4. Trolley
5. Train

Ans
X1.1,3,2,5, 4
X2.1,5,3,4, 2

- 3. 1, 3, 5, 2, 4
4.3,1, 2, 5, 4
Q. 24 Select the option that is related to the third term in the same way as the second term is related to the first term.

RAPID : HFUXX :: MARKS : ?
Ans
X1.WXHSW
X 2. WSHWX
3. WHWXS
4. WWHXS
Q. 25 Select the number from among the given options that can replace the question mark (?) in the following series.
$8,17,36,75,154$, ?
Ans
< 1.315
2. 308
3. 313
4. 309

## Section: English Language

Q. 1 Select the most appropriate ANTONYM of the given word.

## Generous

Ans
X1. Charitable
2. Miserly

X 3. Honest
X 4. Big-hearted
Q. 2 Select the most appropriate synonym of the given word.

## Certain

Ans

1. Doubtful
2. Hesitant
3. Doubting
4. Sure
Q. 3 Select the INCORRECTLY spelt word.

Ans

1. Delicous

X 2. Anxious
$X$ 3. Famous
X4. Enormous
Q. 4 Select the most appropriate meaning of the given idiom.

In line with
Ans
X1. In social service
X 2. In a queue
X 3. In opposition

- 4. In agreement
Q. 5 Select the INCORRECTLY spelt word.

Ans
$\times 1$. Minute
$X$ 2. Minus3. Minister
4. Minnimum
Q. 6 Select the INCORRECTLY spelt word.

Ans
X1. Serum
2. Serial
3. Service
4. Servent
Q. 7 Select the option that expresses the given sentence in passive voice.

The sight of food maddened him.
Ans
X 1 . He has maddened by the sight of food.
2. He was maddened by the sight of food.
3. He is maddened by the sight of food.
4. He had maddened by the sight of food.

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

Sushil is different $\qquad$ his father.
Ans
$X 1$.by
2. from
$X$ 3. at
X4. over
Q. 9 Select the option that can be used as a one-word substitute for the given group of words.

## An image of God used for worship

Ans
X1. Ideal
2. Logo
3. Model
4. Idol
Q. 10 Select the most appropriate meaning of the given idiom.

## A hot potato

Ans

1. a controversial issue
2. a comfortable situation

X 3. an easy-to-cook recipe
X 4. a delectable dish
Q. 11 Select the most appropriate option to fill in the blank.

There was never much $\qquad$ between the two sisters. They didn't see eye to eye.
Ans
X1. discord
2. coldness
3. wavelength
4. rapport
Q. 12 Select the option that can be used as a one-word substitute for the given group of words.

Officially make a student leave a school for ever
Ans
X1. Evacuate
2. Expel

X 3. Eject
X 4. exclude
Q. 13 Select the most appropriate synonym of the given word.

## Surge

Ans
X1. Fall
2. Rise

X3. Need
4. Lack
Q. 14 Select the most appropriate ANTONYM of the given word.

## Sufficient

Ans

1. Meagre
2. Plentiful
$\times$ 3.Adequate
X 4. Ample
Q. 15 Select the option that expresses the given sentence in indirect speech.
"What an enormous pumpkin!" said the boy.
Ans
X1. The boy exclaimed with surprise what an enormous pumpkin it was.
3. The boy exclaimed with surprise that it was an enormous pumpkin.

X 3. The boy exclaimed with horror what an enormous pumpkin was it.
X 4. The boy asked what an enormous pumpkin was it.

## 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.

Love is a very positive force in our life. (1) $\qquad$ loved by someone is a great (2) $\qquad$ . A young boy was sent to jail for a (3) $\qquad$ theft. A priest saw him sitting among (4) $\qquad$ . He went close and patted his back (5) $\qquad$ The young boy said, "Father, if someone had loved me, I would not have been here."

SubQuestion No: 16
Q. 16 Select the most appropriate option to fill in blank no. 1 .

Ans

1. Being

X 2. Becoming
X 3. Been
$\times 4 . \mathrm{Be}$

## 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.

Love is a very positive force in our life. (1) $\qquad$ loved by someone is a great (2) $\qquad$ A young boy was sent to jail for a (3) $\qquad$ theft. A priest saw him sitting among (4) $\qquad$ . He
went close and patted his back (5) The young boy said, "Father, if someone had
loved me, I would not have been here."
SubQuestion No: 17
Q. 17 Select the most appropriate option to fill in blank no. 2.

Ans
$\times 1$. service
X 2. profit
3. blessing

X4.fortune

## 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.

Love is a very positive force in our life. (1) $\qquad$ loved by someone is a great (2) $\qquad$ A young boy was sent to jail for a (3) theft. A priest saw him sitting among (4) $\qquad$ . He went close and patted his back (5) . The young boy said, "Father, if someone had loved me, I would not have been here."

SubQuestion No: 18
Q. 18 Select the most appropriate option to fill in blank no. 3.

Ans
X 1 . slight
2. narrow
3. petty
4. shallow

## 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.

Love is a very positive force in our life. (1) $\qquad$ loved by someone is a great (2) $\qquad$ . A young boy was sent to jail for a (3) theft. A priest saw him sitting among (4) $\qquad$ . He went close and patted his back (5) $\qquad$ . The young boy said, "Father, if someone had loved me, I would not have been here."

SubQuestion No : 19
Q. 19 Select the most appropriate option to fill in blank no. 4.

Ans
$\times 1$. supporters
$\times 2$. colleagues
$X$ 3. relatives

- 4. criminals


## 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.

Love is a very positive force in our life. (1) $\qquad$ loved by someone is a great (2) $\qquad$ . A young boy was sent to jail for a (3) $\qquad$ theft. A priest saw him sitting among (4) $\qquad$ . He went close and patted his back (5) $\qquad$ . The young boy said, "Father, if someone had loved me, I would not have been here."

SubQuestion No: 20
Q. 20 Select the most appropriate option to fill in blank no. 5 .

Ans

1. affectionately

X 2. powerfully
X 3. politely
X 4. arrogantly

## Comprehension:

Read the given passage and answer the questions that follow.
As the family finally sets off from home after many arguments, there is a moment of lull as the car takes off. "Alright, so where are we going for dinner now?" asks the one at the driving wheel. What follows is chaos as multiple voices make as many suggestions.
By the time order is restored and a decision is arrived at, tempers have risen, feelings injured and there is at least one person grumbling.
Twenty years ago, you would step out of home, the decision of meal and venue already made with no arguments or opposition and everybody looked forward to the meal with equal enthusiasm. The decision was made by the head of the family and the others fell in line. Today, every member of the family has a say in every decision which also promotes a sense of togetherness and bonding.
We empower our kids to take their own decisions from a very early age. We ask them the cuisine they prefer, the movie they want to see, the holiday they wish to go on and the subjects they wish to study.
It's a closely connected world, out there where children consult and guide each other. A parent's well-meaning advice can sound like nothing more than unnecessary preaching. How then do we teach our children through all the conflicting views and make the voice of reason be heard? Children today question choices and prefer to go with the flow.
What then is the best path to take? I would say the most important thing one can do is to listen. Listen to your children and their silences. Ensure that you keep some time aside for them, insist that they share their stories with you. Step into their world. It is not as complicated as it sounds; just a daily half an hour of quality time would do the trick.
SubQuestion No: 21
Q. 21 Which of the following statements is NOT true?

Ans $\times 1$. Today, children consult each other and go with the flow.
X 2. Today's kids are involved in decision making.
X 3. Parents' advice often sounds like preaching to the children.
4. Kids are not given the freedom to choose what they want.

## Comprehension:

Read the given passage and answer the questions that follow.
As the family finally sets off from home after many arguments, there is a moment of lull as the car takes off. "Alright, so where are we going for dinner now?" asks the one at the driving wheel. What follows is chaos as multiple voices make as many suggestions.
By the time order is restored and a decision is arrived at, tempers have risen, feelings injured and there is at least one person grumbling.
Twenty years ago, you would step out of home, the decision of meal and venue already made with no arguments or opposition and everybody looked forward to the meal with equal enthusiasm. The decision was made by the head of the family and the others fell in line. Today, every member of the family has a say in every decision which also promotes a sense of togetherness and bonding.
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SubQuestion No : 22
Q. 22 Is everyone happy when the decision is made?

Ans $\times 1$. Maybe
X 2. Yes
X 3. Can't say
4. No

## Comprehension:

Read the given passage and answer the questions that follow.
As the family finally sets off from home after many arguments, there is a moment of lull as the car takes off. "Alright, so where are we going for dinner now?" asks the one at the driving wheel. What follows is chaos as multiple voices make as many suggestions.
By the time order is restored and a decision is arrived at, tempers have risen, feelings injured and there is at least one person grumbling.
Twenty years ago, you would step out of home, the decision of meal and venue already made with no arguments or opposition and everybody looked forward to the meal with equal enthusiasm. The decision was made by the head of the family and the others fell in line. Today, every member of the family has a say in every decision which also promotes a sense of togetherness and bonding.
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SubQuestion No: 23
Q. 23 Why is there a chaos when the family is ready to drive?

Ans
X 1 . The family members did not get along well.
X 2. They do not trust the person at the wheel.
3. There is a disagreement over the venue.

X 4. Some family members are not comfortably seated.

## Comprehension:

Read the given passage and answer the questions that follow.
As the family finally sets off from home after many arguments, there is a moment of lull as the car takes off. "Alright, so where are we going for dinner now?" asks the one at the driving wheel. What follows is chaos as multiple voices make as many suggestions.
By the time order is restored and a decision is arrived at, tempers have risen, feelings injured and there is at least one person grumbling.
Twenty years ago, you would step out of home, the decision of meal and venue already made with no arguments or opposition and everybody looked forward to the meal with equal enthusiasm. The decision was made by the head of the family and the others fell in line. Today, every member of the family has a say in every decision which also promotes a sense of togetherness and bonding.
We empower our kids to take their own decisions from a very early age. We ask them the cuisine they prefer, the movie they want to see, the holiday they wish to go on and the subjects they wish to study.
It's a closely connected world, out there where children consult and guide each other. A parent's well-meaning advice can sound like nothing more than unnecessary preaching. How then do we teach our children through all the conflicting views and make the voice of reason be heard? Children today question choices and prefer to go with the flow.
What then is the best path to take? I would say the most important thing one can do is to listen. Listen to your children and their silences. Ensure that you keep some time aside for them, insist that they share their stories with you. Step into their world. It is not as complicated as it sounds; just a daily half an hour of quality time would do the trick.

SubQuestion No: 24
Q. 24 According to the passage, how was the scenario different twenty years ago?

Ans $\times 1$. Decisions were simpler as there were not many choices.
Х 2. Everyone looked forward to outings enthusiastically.
X 3. There was no bonding between family members.
4. Decisions were taken by the head of the family and everybody agreed.

## Comprehension:

Read the given passage and answer the questions that follow.
As the family finally sets off from home after many arguments, there is a moment of lull as the car takes off. "Alright, so where are we going for dinner now?" asks the one at the driving wheel. What follows is chaos as multiple voices make as many suggestions
By the time order is restored and a decision is arrived at, tempers have risen, feelings injured and there is at least one person grumbling.
Twenty years ago, you would step out of home, the decision of meal and venue already made with no arguments or opposition and everybody looked forward to the meal with equal enthusiasm. The decision was made by the head of the family and the others fell in line. Today, every member of the family has a say in every decision which also promotes a sense of togetherness and bonding.
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It's a closely connected world, out there where children consult and guide each other. A parent's well-meaning advice can sound like nothing more than unnecessary preaching. How then do we teach our children through all the conflicting views and make the voice of reason be heard? Children today question choices and prefer to go with the flow.
What then is the best path to take? I would say the most important thing one can do is to listen. Listen to your children and their silences. Ensure that you keep some time aside for them, insist that they share their stories with you. Step into their world. It is not as complicated as it sounds; just a daily half an hour of quality time would do the trick.

SubQuestion No: 25
Q. 25 What does the speaker recommend to the parents as the best path to take?

Ans
X1. To advise children at every step so that they do not make mistakes.
X 2. To handle the children with authority and make them obey.
3. To be a part of the children's world by listening to them

X 4. To spend all their time with the children and not leave them alone.

Section : Quantitative Aptitude
Q. 1 If $x^{2}+y^{2}+z^{2}+26=2(4 x+y+3 z)$, then find the value of $x+y+z$.

Ans 1.8
$\times 2.2$
$\times 3.6$
X4.4
Q. 2 The population of a town increased from 268000 in 2007 to 375200 in 2010 . What is the percentage increase in the population of the town in three years?

Ans

1. $40 \%$
2. $32 \%$

X 3. $30 \%$
X4. $28 \%$
Q. 3 A shopkeeper earns a profit of $26 \%$ on the cost price of an article after giving two successive discounts of $20 \%$ and $30 \%$ on the marked price to a customer: What would have been the profit percentage, had the shopkeeper given $26 \%$ discount only?
Ans
X1. $50.5 \%$
X2. $56 \%$
$\times 3.44 \%$
, 4. $66.5 \%$
Q. 4 The price of an item increased by $10 \%$. Anil planned to increase the expenditure on it by $5 \%$. By what percentage must its consumption be reduced so that the expenditure on it is met within the increased amount allocated for it?

Ans
$x$. $4 \frac{5}{11} \%$
$\times 2.5 \%$
$X$ 3. $4 \%$
4. $4 \frac{6}{11} \%$
Q. 5 If the five-digit number $570 x y$ is divisible by 231 , then what is the value of $(2 x-y)$ ?

Ans

1. 5

X2. 7
$\times 3.6$
-4. 3
Q. 6 The average weight of some childrea in a group was 42 kg . When 5 children of average weight 48 kg join the group or 5 children of average weight 37 kg leave the group, the average weight of children in both cases remains equal. How many children were there in the group initially?
Ans

1. 35

X2. 45
3. 25
4. 55
Q. 7 What is the compound interest (in ₹) on ₹ 80,000 for 3 years when the rate of interest is $5 \%, 8 \%$ and $10 \%$ per annum for the 3 successive years, the interest being compounded annually?
Ans

1. 20,500
2. 19,792
3. 20,000
4. 18,000
Q. 8 The length (in m ) of the longest pole that can be fitted in a room of dimensions $24 \mathrm{~m} \times 12 \mathrm{~m} \times 3 \mathrm{~m}$ is:

Ans
$\times 1.30$
$\times 2.28$
$\times 3.32$
-4. 27
Q. 9 The average of 9 consecutive numbers is 20 . The smallest of these numbers is:

Ans
$\times 1.12$
2. 10
) 3.16
X4. 20
Q. 10 Six years ago, the ratio of ages of $A$ and $B$ was $7: 8$. After 2 years from now, the ratio of their ages will be $9: 10$. What is the sum of the present ages (in years) of $A$ and $B$ ?

Ans
$\times 1.57$
$\times 2.102$

- 3.72
$\times 4.87$
Q. 11 The cost price of an article is $₹ 450$. The trader marks it at $₹ 630$ and sells it by giving $12.5 \%$ discount on the marked price. His gain per cent is:

Ans
X1. $24 \%$
X2. $20.5 \%$
$\checkmark$ 3. $22.5 \%$
X 4. $25 \%$
Q. 12 At a particular time, the length of the shadows of a pole and that of a tower are, respectively, 12 m and 27 m . If the height of the pole is 24 m , what is the height $(\mathrm{in} \mathrm{m})$ of the tower?

Ans

1. 54
$\times 2.63$
$\times 3.45$
$\times 4.36$
Q. 13 A 200 m long train crosses a pole in 10 seconds. Another train of length 250 m crosses a platform which is 200 m long in 15 seconds. If both trains move in opposite directions, how much time (in seconds) will they take to cross each other completely?
Ans
2. 6
3. 10
4. 9
5. 8
Q. 14 The ratio of the number of animals in zoo A to the number of animals in $z 00 \mathrm{~B}$ is $6: 5$. If zoo B has 65 animals in the begiming, how many animals must be transferred from zoo A to B so that the ratio of animals in zoo A and zoo B becomes 6:7?
Ans 12
6. 11
$\times 3.13$
7. 10
Q. 15 A takes 42 hours to complete a work B completes the same work in two-third of the time taken by A. What fraction of the work will they do in 14 hours?
Ans
8. $\frac{2}{3}$
9. $\frac{5}{6}$
10. $\frac{2}{5}$
11. $\frac{3}{5}$
Q. 16 What is the maturity amount if $₹ 40,000$ is invested for 2 years, the rate of compound interest (compounded annually) being $8 \%$ for the first year and $10 \%$ for the second year?

Ans

1. 49,550
2. 48,400
3. 45,270
4. 47,520
Q. 17 A man buys an article at 16 for $₹ 1,200$ and an equal number of articles at 12 for $₹ 960$. He sells all the articles at 15 for ₹ 1,350 . His profit percentage in the entire transaction is (correct to one decimal place):

Ans
X1. $14.8 \%$
2. $15.8 \%$

X 3. $15.2 \%$
4. $16.1 \%$
Q. 18 What is the average of prime numbers lying between 7 and 37 ?

Ans
-1. $20 \frac{3}{7}$
X2. $18 \frac{3}{4}$
X 3. $20 \frac{1}{3}$
X4. $19 \frac{2}{3}$
Q. 19 A shopkeeper sold two articles for $₹ 560$ each. He incurred no loss and made no profit in the transaction because one article was sold at a loss of $16 \frac{2}{3} \%$ and the other article was sold at a profit of:
Ans

1. $25 \%$
2. $16 \frac{2}{3} \%$
3. $20 \%$
4. $20 \frac{1}{3} \%$
Q. 20 If a number N is divisible by 3 , then which of the following is true?

Ans

1. $(\mathrm{N}+6)$ is divisible by 6
2. $(\mathrm{N}+2)$ is divisible by 3
3. $\mathrm{N}^{2}$ is divisible by 6
4. $(\mathrm{N}+12)$ is divisible by 3
Q. 21 A and B can do a certain work in 25 and 20 days, respectively. They work together for 4 days. The remaining work is completed by C in 8 days. C alone can complete $40 \%$ of the original work in:

Ans

1. 8 days
2. 5 days
3. 6 days
4. 4 days
Q. 22 If $a+b=\frac{3}{4}$ and $a b=\frac{1}{8}$, then the value of $a^{4}+b^{4}+a b^{3}+b a^{3}$ is:

Ans

1. $\frac{27}{128}$
2. $\frac{9}{256}$
3. $\frac{27}{256}$
4. $\frac{9}{64}$
Q. 23 Ajay bought a camera for $₹ 5,400$ and sold it at a profit of $18 \%$. What is the selling price (in ₹) of the camera?

Ans 1. 5,892
2. 6,084
3. 6,372
4. 7,055
Q. 24 A train covers the distance between two stations in 220 mimutes. If the distance between the two stations is 484 km ,
what is the speed of the train in $\mathrm{km} / \mathrm{h}$ ?
Ans
$\times 1.115$
X2. 120
3. 105
4. 132
Q. 25 A man borrowed a sum of $₹ 30,000$ at $7.5 \%$ per annum simple interest. How much money (in ₹) will he pay at the end of 5 years to clear his debt?

Ans

1. 39,750
2. 41,250
3. 36,000
4. 35,225

Section : General awareness
Q. 1 In May 2021, which of the following ministries had organised the Virtual Vesak Global Celebrations on Buddha Purnima?

Ans

1. Ministry of Food Processing Industries
2. Ministry of Labour \& Employment
3. Ministry of New and Renewable Energy
4. Ministry of Culture
Q. 2 The Constitution of India deals with the citizenship rights from Articles 5 to 11 under part $\qquad$ -.

Ans

1. II
2. III
3.IV
4.1
Q. 3 Who among the following won the Asian Snooker Championship in September 2021?

Ans
X1. Babar Masih
2. Pankaj Advani
3. Mark Selby
4. Amir Sarkhosh
Q. 4 The Second Five Year Plan which laid down the basic ideas regarding goals of Indian planning was based on the ideas of $\qquad$ _.
Ans

1. PC Mahalanobis

X 2. Lal Bahadur Shastri
X 3. BR Ambedkar
X 4. Sardar Patel
Q. 5 The song 'Manike Mage Hithe' launched on 22 May 2021 (the original version was released in August 2020) as a music video, which gained popularity across the country was sung originally in:

Ans
$X 1$. Bhutanese
X 2. Sikkimese
3. Sinhalese
4. Nepalese
Q. 6 Which of the following is necessarily a final good?

Ans
X1. A particular brand of tea
2. Clothing
3. Cotton
4. An XL size shirt
Q. 7 'Slash and burn' agriculture is known as $\qquad$ in Mexico and Central America.
Ans
X 1. roca
X 2. conuco

- 3. milpa

4. masole
Q. 8 Which of the following forms metallic bonds?

Ans
$\times 1$. Phosphorus
2. Bismuth

X 3. Arsenic
4. Antimony
Q. 9 Who among the following was NOT from the Mauryan Dynasty?

Ans
$X$ 1. Ashoka
$X$ 2. Brihadratha
3. Kharavela
4. Bindusara
Q. 10 Which of the following rivers originates from the Naag Pahadi Ajmer district of Rajasthan?
Ans
X1. Mahi river
X 2. Saraswati river
3. Luni river

X 4. Chambal river
Q. 11 Who among the following received the National Florence Nightingale Award 2020?

Ans
X 1. Amit Annapurna
2. SV Saraswati

X 3. Sara Rai
X 4. Shahnaz Habib
Q. 12 The final defeat of Mir Qasim at the hands of British took place at the battle of $\qquad$ .
Ans
X1. Awadh
X 2. Plassey
X 3. Katwa
4. Buxar
Q. 13 The chief minister of which of the following states launched a campaign for 'Save water to get free water' in September 2021?
Ans

1. Gujarat
2. Karnataka

X 3. Maharashtra
4. Goa
Q. 14 In which of the following UT/states is Hemkund Sahib located?

Ans
X1. Chandigarh
2. Punjab
3. Uttar Pradesh
4. Uttarakhand
Q. 15 Mile sur mera tumhara' became so popular as a National Integration Song that this line is inscribed on the Sawai Gandharva Memorial constructed by $\qquad$ in Pune.

Ans

1. Bhimsen Joshi
2. Shrinivas Joshi
3. Vasantrao Deshpande
4. Ravi Shankar
Q. 16 Mosaic is a viral disease that affects

Ans

1. plants
2. animals
3. birds
4. humans
Q. 17 For which of the following rivers does the longitude reading decrease, as it moves along its course?
Ans
5. Kaveri
6. Narmada
7. Ganga
8. Godavari
Q. 18 Who started a workmanship's club and newspaper Bharat Shramjeevi?

Ans
$\times 1$.

1. Sorabjee Shapoorji
2. Narayan Meghaji Lokhande
3. Sarojini Naidu
4. Sasipada Banerji
Q. 19 With which of the following states is Jallikattu, the traditional bull-taming sport, associated?

Ans
X1. Rajasthan
X 2. Kerala

- 3. Tamil Nadu

4. Gujarat
Q. 20 Which of the following is/are the part(s) of the hydrosphere of earth?
(a) Water
(b) Ice
(c) Vapour

Ans
X1. (a) and (b)
X 2. Only (a)
$\times$ 3. (a) and (c)
4. (a), (b) and (c)
Q. 21 Cricketer $\qquad$ announced his retirement from all forms of cricket on 10 June 2019.
Ans

1. Harbajan Singh
2. Ambati Rayudu
3. Yuvraj Singh
4. Lasith Malinga
Q. 22 Who among the following was conferred with the 54th Jnanpith Award for his/her outstanding contribution to the enrichment of Indian Literature in English?
Ans
X1. Jhumpa Lahiri
5. Kiran Desai
6. Arundhati Roy
7. Amitav Ghosh
Q. 23 In which of the following states is the head office of Bank of Baroda located?

Ans

1. Gujarat
2. Uttar Pradesh
3. Madhya Pradesh
4. Bihar

## Q. 24 How many female members have held the position of Lok Sabha Speaker until August

 2021?Ans $X$ 1.One
2. Two

X 3.Zero
$\times 4$. Three
Q. 25 In which of the following years was Tipu Sultan killed?

Ans $\times 1.1867$
$\times 2.1734$
$\times 3.1690$
4. 1799

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $03 / 02 / 2022$ |
| Exam Time | $12: 00$ PM－1：00 PM |
| Subject | Selection Post Matriculation Level |

## Section：General Intelligence

Q． 1 In a certain code language，＇DENSITY’ is coded as ‘4－5－14－19－9－20－25’．How will ＇UBIQUITOUS＇be coded in that language？
Ans
1．21－2－9－17－21－9－20－15－21－19
2．20－2－9－16－20－9－20－15－20－19
3．21－2－8－17－21－8－20－15－21－19
4．21－2－9－16－21－9－19－15－21－18

Q． 2 In a certain code language，＇DOPING＇is written as＇TMRKLW＇，and＇WATER＇is written as＇IVGZD＇．How will＇COUNTER＇be written in that language？
Ans
＜1．WGLAMXT
2．IVGMFLX
3．IGIAMUH
4．WLGMATX

Q． 3
Select the correct mirror image of the given combination when the mirror is placed at PQ as shown．

TECHNICAL $\left.\right|_{Q} ^{P}$
Ans
$x^{1 .}$ I．FСНИ TCV Г
2．LECHIИCVГ
3．Ј А つИIНつ ヨ Т
4．J А О ІИНつ Э Т
Q. 4 If ' $x$ ' means ' + ', ' $\div$ ' means ' - ', ' + ' means ' $\div$ ', and ' - ' means ' $x$ ', then what will be the value of the following expression?
$231 \div 21 \times 49+7-28$
Ans
<1.518
$\times 2.448$
3. 406
4. 427
Q. $5 \mathrm{~L}, \mathrm{M}, \mathrm{N}, \mathrm{O}$ and P are sitting in a straight line on a bench, facing the north direction. P is sitting next to L . M is sitting to the immediate left of O , who is at one of the ends of the bench. $N$ is not sitting between $P$ and $M$. $L$ is second to the left of $M$. $L$ and $N$ are sitting together. In which position is $\mathbf{N}$ sitting?

Ans

1. At the left end of the bench
2. Between $P$ and $M$
3. Between $M$ and $L$
4. Between $P$ and $O$
Q. 6 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
5. Planning
6. Playing
7. Place
8. Placard
9. Plough
10. Plead

Ans
X $1.3,4,1,2,6,5$
X 2. 4, 3, 1, 2, 5, 6
X 3.4,3,2,1,6,5

- $4.4,3,1,2,6,5$
Q. 7 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

8:12:: 6: ? :: $10: 15$
Ans
$\times 1.7$
<2. 8
3. 9
< 4.10
Q. 8 In a certain code language, 'FATHER' is written as 'AFHTRE', and 'SISTER' is written as 'ISTSRE'. How will 'MOTHER' be written in that language?
Ans
X 1. TOMREH
X 2. TMOERH
X 3. OMHRET
4. OMHTRE
Q. 9 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 Parrots are Vegetables.
2. Some Mobiles are Parrots.
3. All Towels are Mobiles.

Conclusions:
I. All Towels are Vegetables.
II. Some Towels are Vegetables.
III. Some Vegetables are Mobiles.
IV. All Mobiles are Vegetables.

Ans

1. Only conclusions I and III follow.
2. Only conclusion II follows.
3. Only conclusion III follows.
4. Only conclusion I follows.
Q. 10 Select the number from among the given options that can replace the question mark (?) in the following series.

13, 17, 19, 23, 29, ?
Ans

1. 30

X2.36

- 3.31
$\times 4.33$
Q. 11 Raghuram's father has a daughter komali and a son Rithwik whose father's sister Lalita is married to Ranjit whose father-in-law is Murali. How Lalita's father is related to Raghuram?
Ans
X1. Uncle
X 2. Nephew
X 3.Son

4. Grand father
Q. 12 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans
$\times 1$

2.

$\times 3$.

$\times 4$.

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

QJB, RLE, SNH, TPK,?
Ans
X1. VRM
2. WSM
3. URN

X 4. VSN
Q. 14 Select the number from among the given options that can replace the question mark (?) in the following series.

52, 65, 82, 95, 112, ?
Ans

1. 132
2. 129
3. 125
4. 127
Q. 15 Mukesh is the father of Suresh. Raju is the brother of Suresh. Neena is the only daughter of Mukesh. Kishan is the son of Suresh and Priyanka.
How is Neena related to Kishan?
Ans
X 1 . Sister
5. Father's sister
6. Mother's sister
7. Daughter
Q. 16 Six friends A, B, C, D, E and F are sitting around a circle facing towards the centre. C and $A$ are the immediate neighbours of $D$. Only $B$ is sitting between $F$ and $E$. $F$ is sitting to the immediate right of C . Who is sitting second to the left of $A$ ?
Ans
X1. E
$\times 2 . \mathrm{C}$
X 3.F

- 4.B
Q. 17 In a certain code language, 'ASCRIBE' is coded as '1-3-19-18-2-5-9', and 'SOLVENT' is coded as '12-15-19-22-5-14-20'. How will 'SPECIES' be coded in that language?
Ans
X1.16-5-19-3-5-18-19
Х 2. 15-6-19-3-9-5-19
X 3. 5-16-19-6-5-9-194. 5-16-19-3-5-9-19
Q. 18 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

S_PT_ST_TZ_T_T_S_P_Z
Ans

1. $T, Z, P, S, P, Z, T, T$

X 2. Z, P, T, S, P, T, T, Z
X 3, Z, T, P, P, S, T, Z, T
X 4, T, P, Z, S, T, Z, P, T
Q. 19 In a certain code language, 'DEATH' is written as 'IBXYM'. How will 'SIMPLE' be written in that language?
Ans
X1. NFKRBQ
X 2. XLRUQH
3. XFRUQB

X4. NFRKQB
Q. 20 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

BEH : GLQ :: JMP : ?
Ans
X1. QWZ
2. MRV
3. NSY
4. OTY
Q. 21 In a certain code language, 'BAT' is coded as 46 , and 'LIMP' is coded as 100 . How will 'HONOUR' be coded in that language?

Ans
< 1.186
2. 182

- 3.157

4. 173
Q. 22 Select the option that is related to the third word in the same way as the second word is related to the first word.

Dentist : Teeth :: Orthopaedic : ?
Ans
X1. Lungs
X 2. Blood
2. Bones

X 4. Bone marrow
Q. 23 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

Some doctors are anchors.
Some anchors are singers.
No singer is a musician.

## Conclusions:

I. Some singers are doctors is a possibility.
II.Some musicians are not anchors is a possibility.

Ans

1. Both conclusions I and II follow.
2. Only conclusion II follows.
3. Only conclusion I follows.
4. Neither conclusion I nor conclusion II follows.
Q. 24 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 25 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans
X1. FJN
2. MQW

X 3. CGK
4. JNR

## Section : English Language

Q. 1 Select the most appropriate meaning of the given idiom.

Flex one's muscles
Ans
X1. show that one has more muscles than another
X 2. show one's muscular strength
X 3.beat someone physically with muscle strength
4. give or make a show of one's strength
Q. 2 Select the most appropriate option to fill in the blank.

I am going to $\qquad$ my parrot from the cage.
Ans
X1. clear
2. release

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

To stay longer than necessary
Ans
X1. Digress
X 2. Wander
X 3. Stroll
4. Linger

## Q. 4 Select the most appropriate ANTONYM of the given word.

Conceit
Ans
X 1. Vanity
X 2. Immodesty
3. Pomposity
4. Humility
Q. 5 Select the most appropriate ANTONYM of the given word.

Talkative
Ans
X1. Chatty
2. Withdrawn
$X$ 3. Garrulous
X 4. Conversational
Q. 6 Select the option that expresses the given sentence in reported speech.
"Vidushi, you have grown even taller!" said Sana.
Ans
X1. Sana had exclaimed how Vidushi is growing even taller.
2. Sana will exclaim to Vidushi that she was even taller.
3. Sana exclaimed to Vidushi that she had grown even taller.

X 4. Sana exclaims how even taller Vidushi had grown.
Q. 7 Select the most appropriate meaning of the given idiom.

Full of hot air
Ans
$X 1$. Energetic
X 2. Hot-headed
3. Self-important

X4. Nervous
Q. 8 Select the option that can be used as a one-word substitute for the given group of words.

All the customers of a business
Ans
$X$ 1. Leaders
2. Clientele
$X$ 3. Workers
$X 4$. Executives

## Q. 9 Select the INCORRECTLY spelt word.

Ans

1. Disatisfied

X 2. Encourage
X 3. Courteous
$\times 4$. Ambition
Q. 10 Select the wrongly spelt word.

Ans

1. classical
2. classisist

X 3. classification
X 4. classic
Q. 11 Select the most appropriate synonym of the given word.

Hamper
Ans

1. Block
2. Facilitate

X 3. Push
4. Permit
Q. 12 Select the most appropriate synonym of the given word.

Reckless
Ans

1. Careless
$\times 2$. Cautious
X 3. Thoughtful
2. Wise
Q. 13 Select the most appropriate option to fill in the blank.

She was so angry that she $\qquad$ the door and ran out.
Ans

1. slammed
2. crashed
3. crushed
4. blasted
Q. 14 Select the wrongly spelt word.

Ans
$X$ 1. infidel
$X$ 2. infinitive
X 3.infiltrate
4. infirtile
Q. 15 Select the option that expresses the given sentence in active voice.

The team is being led by an able captain.
Ans
X1. An able captain was leading the team.
X 2. An able captain will lead the team.
X 3. An able captain led the team.
4. An able captain is leading the team.

## Comprehension:

Read the given passage and answer the questions that follow.
Both, water and energy are integral parts of the human body. By weight, about $60 \%$ of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture
Organisation of the UN, is about 1800 kcal per day. Life without energy is equally unthinkable. The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around $70 \%$ water consumption is in the agricultural sector. No water, no food, no energy.
Actions needed on the water front include reduction in water usage for agriculture (pump efficiency, drip irrigation, change in crop patterns), recycling of water, rainwater harvesting, stoppage of run-offs and water pollution.
We need to remember that the fossil-based energy we rely on so much is stored energy. And, while the sun took 150 million years to store its energy in the fossil fuels, we are busy discharging that huge solar battery in a matter of a few hundred years.

SubQuestion No: 16
Q. 16 Which of the following factors is likely to put further pressure on water sources?

Ans $\times 1$. Checking water pollution
X 2. Change in crop patterns
X 3. Recycling of water

- 4. Increase in world population


## Comprehension:

Read the given passage and answer the questions that follow.
Both, water and energy are integral parts of the human body. By weight, about $60 \%$ of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture Organisation of the UN, is about 1800 kcal per day. Life without energy is equally unthinkable. The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around $70 \%$ water consumption is in the agricultural sector. No water, no food, no energy.
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SubQuestion No: 17

## Q. 17 Economic water shortage occurs when

$\qquad$ _.
Ans $\quad \times 1$. water resources are polluted
$\times$ 2. the supply of water is not adequate
X 3. the sources of water dry up
4. existing water sources cannot be tapped

## Comprehension:

Read the given passage and answer the questions that follow.
Both, water and energy are integral parts of the human body. By weight, about $60 \%$ of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture
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The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around $70 \%$ water consumption is in the agricultural sector. No water, no food, no energy.
Actions needed on the water front include reduction in water usage for agriculture (pump efficiency, drip irrigation, change in crop patterns), recycling of water, rainwater harvesting, stoppage of run-offs and water pollution.
We need to remember that the fossil-based energy we rely on so much is stored energy. And, while the sun took 150 million years to store its energy in the fossil fuels, we are busy discharging that huge solar battery in a matter of a few hundred years.

SubQuestion No : 18
Q. 18 The passage focusses on:

Ans $\times 1$. increased dependence on fossil fuels
X 2. different forms of energy
3. the interdependence of water and energy

X 4. high water consumption in the agriculture sector

## Comprehension:

Read the given passage and answer the questions that follow.
Both, water and energy are integral parts of the human body. By weight, about $60 \%$ of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture Organisation of the UN, is about 1800 kcal per day. Life without energy is equally unthinkable. The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around $70 \%$ water consumption is in the agricultural sector. No water, no food, no energy.
Actions needed on the water front include reduction in water usage for agriculture (pump efficiency, drip irrigation, change in crop patterns), recycling of water, rainwater harvesting, stoppage of run-offs and water pollution.
We need to remember that the fossil-based energy we rely on so much is stored energy. And, while the sun took 150 million years to store its energy in the fossil fuels, we are busy discharging that huge solar battery in a matter of a few hundred years.

SubQuestion No : 19
Q. 19 Fossil-based energy is $\qquad$ .
Ans 1. stored solar energy
X 2. human energy
X 3. electrical energy
X 4. mechanical energy

## Comprehension:

Read the given passage and answer the questions that follow.
Both, water and energy are integral parts of the human body. By weight, about $60 \%$ of an adult's human body is water and dehydration is one of the biggest single killers of children in the modern world. Life without water is unthinkable. The human body needs its daily intake of food to meet its energy requirement which, according to the Food and Agriculture Organisation of the UN, is about 1800 kcal per day. Life without energy is equally unthinkable. The energy that we take in through food again depends, amongst other things, on water for agriculture and often that water is pumped with electrical, mechanical or other forms of energy. The interdependence of water and energy is evident. The world at large seeks water and energy security. The Worldwatch Institute estimates that about 1.1 billion are facing economic water shortage (when existing water sources cannot be used because of a lack of investment in water-related infrastructure). We will probably have a world population of 9 billion by 2050 which will put further stress on the water sourcing and supply systems. Here again, the connection between energy and water is evident. Globally, around $70 \%$ water consumption is in the agricultural sector. No water, no food, no energy.
Actions needed on the water front include reduction in water usage for agriculture (pump efficiency, drip irrigation, change in crop patterns), recycling of water, rainwater harvesting, stoppage of run-offs and water pollution.
We need to remember that the fossil-based energy we rely on so much is stored energy. And, while the sun took 150 million years to store its energy in the fossil fuels, we are busy discharging that huge solar battery in a matter of a few hundred years.

SubQuestion No : 20
Q. 20 Which of the following CANNOT help to save water?

Ans $\times 1$. Preventing run-offs
2. Dehydration
$X$ 3. Drip irrigation
X 4. Rainwater harvesting

## 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.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) $\qquad$
computer science, and is now the chairperson of (2) $\qquad$ Infosys Foundation. A prolific (3) in English and Kannada, she (4) $\qquad$ novels, technical books, travelogues,
$\overline{\text { collections of short stories and non-fictional pieces, and four books for children. (5) }}$ books have been translated into all the major Indian languages.

SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in blank No. 1.

Ans
$X$ 1. on
$\times 2$. of

- 3 in
$\times 4$. at


## 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.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) $\qquad$ computer science, and is now the chairperson of (2) $\qquad$ Infosys Foundation. A prolific (3) ___ in English and Kannada, she (4) $\qquad$ novels, technical books, travelogues,
$\overline{\text { collections of short stories and non-fictional pieces, and four books for children. (5) }}$ $\qquad$ books have been translated into all the major Indian languages.

SubQuestion No: 22
Q. 22 Select the most appropriate option to fill in blank No. 2.

Ans
X1. an
2. the

X 3. one
X4.a

## 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.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) $\qquad$ computer science, and is now the chairperson of (2) $\qquad$ Infosys Foundation. A prolific (3)
$\qquad$
$\overline{\text { collections of short stories and non-fictional pieces, and four books for children. (5) }}$ $\qquad$ books have been translated into all the major Indian languages.

SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in blank No. 3.

Ans
X 1. speaker
X 2. poet
$\times$ 3. reader
4. writer

## 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.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) $\qquad$ computer science, and is now the chairperson of (2) $\qquad$ Infosys Foundation. A prolific (3) in English and Kannada, she (4) novels, technical books, travelogues,
collections of short stories and non-fictional pieces, and four books for children. (5) $\qquad$ books have been translated into all the major Indian languages.

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank No. 4.

Ans

- 1. has written

X 2. writing
X 3. write
X4. will write

## 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.

Sudha Murty was born in 1950 in Shiggaon in north Karnataka. She did her MTech (1) $\qquad$ computer science, and is now the chairperson of (2) ovels, technical books, travelogues,
$\overline{\text { collections of short stories and non-fictional pieces, and four books for children. (5) }}$ $\qquad$ books have been translated into all the major Indian languages.

SubQuestion No: 25
Q. 25 Select the most appropriate option to fill in blank No. 5.

Ans

1. Her
$\times 2$. His
$\times$ 3. Their
X 4. My

Section : Quantitative Aptitude
Q. 1 A sum of ₹ 26,550 is divided among 3 men, 2 women and 6 girls in such a way that each man, each woman and each girl get money in the ratio $2: 3: 1$. How much money does each man get (in ₹)?

Ans

1. 1,475
2. 2,950
3. 3,200
4. 5,900
Q. 2 A 270 m long train crosses a man standing on a platform in 24 seconds. How much time (in seconds) will it take to cross a 330 m long train travelling at $39.5 \mathrm{~km} / \mathrm{h}$ in the opposite direction?

Ans

1. 28
2. 27
3. 25
$\times 4.30$
Q. 3 A shopkeeper marks his goods $25 \%$ above the cost price and allows $20 \%$ discount. Find his profit percentage.

Ans
X1. $5 \%$
$\times 2.4 \%$
3. $2 \%$
4. $0 \%$
Q. 4 Find the value of: $0.78^{3}+0.22^{3}+3(0.78)(0.22)+1$.

Ans
$\times 1.8$
$\times 2.4$
X 3. 1

- 4.2
Q. 5 In June 2020 , a salesman sold an average of 210 toys per day. If for the first 12 days, the average sales of toys per day were 180 and for the next 8 days, the average sales per day were 215 , then what was his average sale (per day) of the toys for the remaining days of the month?
Ans
X1. 240
$\times 2.235$
$\times 3.237$
- 4. 242
Q. 6 If $x+\frac{1}{x}=4$, then find the value of $x^{3}+\frac{1}{x^{3}}$.

Ans
X1. 42
-2. 52
$\times 3.48$
X4. 64
Q. 7 A shopkeeper sells an article at $18 \%$ loss. What is its marked price (in ₹) if it is sold at ₹ 5,740 ?

Ans

1. 5,890
2. 7,000
3. 6,000
4. 4,706
Q. 8 The simple interest on a certain amount of money is $45 \%$ of the principal amount. The time for which the money was lent is four-fifth of the numerical value of the rate percent per annum. What is the rate percent per annum?

Ans

1. $15 \%$
2. $7.5 \%$
$\times 3.9 .5 \%$
X 4. $12 \%$
Q. 9 A six-digit number of the form ababab is always divisible by:

Ans
$\times 1.11111$
$\times 2.10001$
X 3. 11001
-4. 10101
Q. 10 The average of 9 numbers arranged in ascending order is 18. If the average of the first five numbers is 16 and the average of the last five numbers is 19 , then what is the fifth number?

Ans
-1. 12
2. 13
3. 15
4. 17
Q. 11 What is the average of all the prime numbers between 70 and 90 ?

Ans
-1. 79
2. 80
$\times 3.81 .6$
$\times 4.78 .66$
Q. 12 The income of A is $48 \%$ more than that of B and the income of C is $50 \%$ of the combined income of A and B . By what per cent is the income of A more than that of $C$ ? (Correct to one decimal place)

Ans

1. 19.4
2. 18.6
3. 20.3
4. 16.2
Q. 13 The sides of two squares are in the ratio $2: 3$ and the sum of their perimeters is 180 cm . Find the area of the larger square (in $\mathrm{cm}^{2}$ ).
Ans 1. 729
5. 324
$\times 3.225$
X4. 900
Q. 14 The simple interest on a sum of money at $15 \%$ per annum for 2 years is $₹ 2,700$. Compounded annually, what would be the compound interest (in ₹) on the same sum for the same period and at the same rate of interest?

Ans

1. $2,920.50$
2. $2,290.50$
3. $2,209.50$
4. $2,902.50$
Q. 15 A car travels at $60 \mathrm{~km} / \mathrm{h}$ for the first 40 minutes, at $75 \mathrm{~km} / \mathrm{h}$ for the next 80 minutes and at $80 \mathrm{~km} / \mathrm{h}$ for the next 12 minutes. What is the average speed (in km h) of the car?

Ans

1. $61 \frac{9}{11}$
2. $70 \frac{10}{11}$
3. $71 \frac{2}{3}$
4. $71 \frac{1}{3}$
Q. 16 In an election between two contestants, $25 \%$ of the votes were invalid and one contestant got $45 \%$ of the total valid votes. If the total number of votes was $16,00,000$, the number of valid votes that the winning contestant got, was:

Ans

1. $7,00,000$
2. $6,60,000$
3. $6,50,000$
4. $7,10,000$
Q. 17 If 50 men working 8 hours a day can complete a work in 20 days, then in how many days will 32 men working 10 hours a day complete the same work?
Ans
5. 16
6. 25
X. 24
7. 30
Q. 18 A sum of $₹ 8,600$ amounts to $₹ 9,589$ in $2 \frac{1}{2}$ years at $x \%$ p.a. simple interest. What will be the amount of the same sum in
$4 \frac{1}{5}$ years at $(x+0.4) \%$ p.a.?
Ans
8. ₹ 10,384
9. ₹ 10,300
10. ₹ 10,406
11. ₹ 10,205
Q. 19 The profit earned by a company is to be divided among three friends $\mathrm{A}, \mathrm{B}$ and C , who invested their money in the company, in the ratio of $9: 12: 19$. The share of the person who invested the most is ₹5,244. What amount (in ₹) does A get?

Ans

1. 2,484
2. 2,544
3. 2,844
4. 2,684
Q. 20 When a number is divided by 13 , it leaves the remainder 6 . What will be the remainder when the square of the same number is divided by 13 ?

Ans

1. 9
2. 12
X. 11
3. 10
Q. 21 If the cost price of 18 articles is equal to the selling price of 15 articles, then what is the profit percentage?

Ans
X. $18 \%$
$\times 2.25 \%$
3. $30 \%$

- 4. $20 \%$
Q. 22 A man sold his scooter for $₹ 16,200$ and lost one-tenth of its selling price. What is its cost price (in ₹)?

Ans

1. 18,480
2. 19,580
3. 20,320
4. 17,820
Q. 23 A takes four times as much as $B$ and thrice as much as $C$ to finish a piece of work If they work together, they finish the work in 24 days. Which of the following is true?

Ans

1. C is most efficient; takes 64 days
2. B and C are most efficient; take 36 days
3. B is most efficient; takes 48 days
4. A is most efficient; takes 40 days
Q. 24 A trader bought 40 kg of rice for $₹ 2,100$. He sold it at a profit equal to the selling price of 5 kg of it . What is the selling price (in ₹) of 8.5 kg of rice?
Ans
$\times 1.527$
X2. 476
$\times 3.493$

- 4.510
Q. 25 In a test match, a batsman scored $30 \%$ of his total runs by hitting sixes, $25 \%$ of his total runs by hitting boundaries (each
boundary $=4$ runs), and rest by hitting singles and doubles. If he scored 20 runs by hitting boundaries, what percentage of the runs by hitting sixes were the runs by hitting boundaries?
Ans
X1. $72 \%$
X2. $80 \frac{2}{3} \%$
$\times$ 3. $60 \%$

4. $83 \frac{1}{3} \%$

## Section : General awareness

Q. 1 In economics, a $\qquad$ is an interaction where the gain to one party equals the loss to another party.
Ans

1. zero-sum game
2. public goods game
3. sunk cost game
4. marginal cost game
Q. 2 Who among the following was a famous mathematician, and had also held the position of the Chief Justice of the Calcutta high court?

Ans
X 1. Dattatreya Kaprekar
2. Asutosh Mukherjee
3. Meghnad Saha
4. Prasanta Chandra Mahalanobis
Q. 3 Articles
of the Constitution of India define who would be Scheduled Castes and Schedule Tribes with respect to any State or Union Territory.
Ans
X 1.241 and 242
$\times 2.179$ and 180

- 3.341 and 342
$\times 4.97$ and 98
Q. 4 Which of the following causes slow erosion of soil?

Ans
X 1 . Tornadoes
X 2. Floods
3. Earthquakes
4. Geological weathering
Q. 5 In which of the following years was the Charter Act enacted by the British Parliament for the establishment of a Law Commission for consolidation and codification of Indian laws?

Ans
X1. 1898
X2. 1927

- 3.1833
$\times 4.1933$
Q. 6 Which of the following teams won the European Football Championship 2020 held in 2021?

Ans
X1. France
X 2. Denmark

- 3. Italy

X 4. England
Q. 7 What is the Koo App which, though launched earlier, has come into prominence in September 2021?

Ans

1. A mutual fund tracker
2. A visual media trove
3. An online creator of useful linkages
4. A social media platform
Q. 8 Which of the following is NOT a kharif crop?

Ans
X 1 . Cotton
2. Soya bean
3. Maize
4. Wheat
Q. 9 What is the rank of India in the World Press Freedom Index 2021?

Ans

- 1.142
$\times 2.144$
$\times 3.145$
$\times 4.143$
Q. 10 Who among the following was the first Mughal emperor to enforce Sharia law in India?

Ans
X1. Jahangir
X 2. Shah Jahan
3. Aurangzeb

X 4. Akbar
Q. 11 Who among the following can appoint the Secretary-General of Rajya Sabha?

Ans
X 1 . Vice-President
X 2. Speaker of the Lok Sabha
X 3. President
4. Chairman of the Rajya Sabha
Q. 12 During the Bengal Famine of 1943 which of the following categories of people did NOT figure among those who were most affected?

Ans
$\times 1$. Fishermen
2. Retailers
3. Agricultural labourers
4. Transport workers
Q. 13 In which of the following events did Pramod Bhagat and Manoj Sarkar represent India at the Paralympic Games held in Tokyo in 2021?
Ans

- 1. Badminton

X 2. High jump
X 3. Table tennis4. Football 5-a-side
Q. 14 In which of the following categories of boxing did Lovlina Borgohain win a bronze medal at the Olympic Games held in Tokyo in 2021?
Ans
<1. Featherweight
2. Heavyweight

X 3. Middleweight
4. Welterweight
Q. 15 Which of the following seas was present in place of the Himalayas before the tectonic shift?

Ans

1. Tethys Sea
2. Caribbean Sea

X 3. Red Sea
X 4. Caspian Sea
Q. 16 Who among the following is the author of 'When Dimple Met Rishi'?

Ans
X1. Jennifer Kapoor
X 2. Rohit Suresh Saraf
3. Sandhya Menon

X 4. Shashi Kapoor
Q. 17 Which of the following states is the only state in India that has uniform civil code regardless of religion, gender and caste?
Ans
X 1. Himachal Pradesh
2. Goa

X 3.Assam
X 4. Kerala
Q. 18 Impulse is defined as the change in:

Ans
X1. kinetic energy
2. linear momentum

X 3. linear velocity
X 4. Acceleration
Q. 19 In the context of administration under Akbar, which of the following terms denoted land that had been left out of cultivation for a time so that it may recover its strength?
Ans
X1. Chachar
2. Banjar

X 3. Polaj
4. Parauti
Q. 20 Which of the following rivers would you associate primarily with the Harappan civilisation?
Ans
X 1 . Sutlej
$\times 2$. Beas

- 3. Indus
$\times 4$. Chenab
Q. 21 Yeast is a microbe that uses simple carbohydrates to produce $\qquad$ in a chemical reaction.
Ans
X1. carbon monoxide
- 2. carbon dioxide

X 3. sulphuric acid
X4. nitric oxide
Q. 22 Which of the following is NOT an indirect tax?

Ans
X1. Union Excise Duty
X 2. Service Tax
2. Corporation Tax

Х 4. Customs Duty
Q. 23 Human red blood cells are formed mainly in the $\qquad$ -.
Ans
$\times 1$. brain
X 2. kidneys
3. bone marrow
$X$ 4. heart

## Q. 24 Where is the Kailasa Temple, a single stone monument located?

Ans $\times 1$. Madhya Pradesh
2. Maharashtra
3. Andhra Pradesh

I
4. Rajasthan
Q. 25 In which of the following festivals of Tamil Nadu is the bull-taming sport played?

Ans $\times 1$. Onam
X 2. Kartighai
I $\times$ 3. Thrissur Pooram
4. Pongal

Question ID : 65497838468
Status : Not Answered

| Roll Number |  |
| :--- | :--- |
| Candidate |  |
| Name |  |
| Venue Name |  |
| Exam Date | 04/02/2022 |
| Exam Time | $9: 00$ AM $-10: 00$ AM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

Q. 1 In a certain code language, 'Lakshya is Playing Chess' is written as 'it demrta bless popmase', 'Naitik is Reading a book' is written as 'g lifhte it plitnsh hool', and 'Ashu is Playing Cricket' is written as 'it rticket popmase dapu'. What will be the code for the word 'Playing' in that language?
Ans

1. plitnsh
2. popmase
3. rticket
4. demrta

Read the given statements and conclusions carefully. Assuming that the informationgiven 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 doctors are girls.
2. All girls are honest.

Conclusions:
I. All doctors are honest.
II. Some honest are doctors.

Ans

1. Both conclusions I and II follow
2. Only conclusion I follows

X 3. Neither conclusion I nor II follows
4. Only conclusion II follows
Q. 3 In a certain code language, 'THEORY' is coded as ' 2192497 ', and 'BRIGHT' is coded as '259320192'. How will 'SOLUTION' be coded in that language?
Ans

1. 104352345
2. 106332964
(3. 143529605
3. 196332961
Q. 4 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All strainers are knives.
No knife is a pan.

## Conclusions:

I. Some pans are strainers.
II. Some knives are strainers.
III. No strainer is a pan.

Ans

1. Only conclusions II and III follow.

X 2. Either conclusion I or III follows.
3. Only conclusions I and II follow.

X 4. Only conclusions I and III follow.
Q. 5 In the series $8,19,30, \ldots$. what will be the 10 th term?

Ans
$\times 1.118$

- 2.107
$\times 3.114$
$\times 4.99$
Q. 6 ' $A+B$ ' का अथ है कि 'A, $B$ ' का भाई है, ' $A-B$ ' का अथ है नक ' $A, B$ की पु Tी है, ' $A \times B$ ' का अथ है कि ' $A, B$ ' का पित है और ' $A \div B$ ' का अथ है क्क ' $A, B$ का प $T$ है'। यिद ' $J+R \div T \times K-Z$ ' है, तो $K$ का $J$ से
या संबंध है?
Ans

1. मां

X 2. नानी
X 3. दादी
X4. बहन
Q. 7 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Lengthen
2. Lethargy
3. Leucocytes
4. Lemonade
5. Leverage
6. Leopard

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

X2.1,2, 4, 3, 5, 6
X 3,1,4,2,6,5,3
X4.4,6,1,2,3,5
Q. 8 In a certain code language, 'MENTOR' is written as 'NVMGLI' and 'DIARY' is written as 'WRZIB'. How will 'SHIMLA' be written in that language?
Ans
X 1. HTSNOZ
< 2. GSRNHZ
3. HSRNOZ
4. HSRMNZ
Q. 9 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

Q. 10 In a certain code language, 'MADRID' is written as 'NBESJE', and 'LISBON' is written as 'MJTCPO'. How will 'MUNICH' be written in that language?

Ans

1. NVOJDI
2. OVPJDJ

X 3.NUOJDI
X 4. OUPJEJ
Q. 11 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

$\times 2$


- 3. 


$\times 4$

Q. 12 Select the number from among the given options that can replace the question mark (?) in the following series.

157, 165, 192, 256, ?
Ans
$\times 1.342$
2. 381
$\times 3.298$
$\times 4.426$
Q. 13 In a certain code language, 'UNITED' is coded as ' 89 ' and 'SHOP' is coded as ' 50 '. How will 'TRANSIT' be coded in that language?
Ans
$\times 1.90$
2. 88
$\times 3.79$
4.93
Q. 14 Select the option that is related to the third number in the same way as the second number is related to the first number.

7:346:: 6 : ?
Ans

1. 327
< 2.119
2. 219
3. 281
Q. 15 छ: िमा एक पंद4 म बैठकर मूवी देख रहे ह I E, $Q$ के ठीक बगल म बैठा है। $P, G$ के ठीक बगल म बैठा है। $Q, R$ क साथ बैठा है, जो बाएं कसरे पर है। $G, Q^{2}$ क दाईं ओर द्न सरे 5 थान पर बैठा है। $E$, $P$ और $F$ के बाईं ओर है। $Q$ और $E$ एक साथ बैठे हI $F$ की क्5थित $T$ है?
Ans
4. पंक् 4 के दाएं िसरे पर
5. $R$ और $E$ के बीच
6. $E$ और $G$ के बीच
7. $Q$ के दाईं ओर ठीक बगल म
Q. 16 सात Df4-A, B, D, N, R, S और $V$ एक बच पर दि ण की ओर मुख करके बेठे ह। A, V के दाईं ओर दू सरे 5 थान पर बैठा है। A और $R$ के बीच एक D 4 बैठा है। N, D का निनकटतम पड़ोसी है, जो
निसी एक fिसरे पर बैठा है। $\mathrm{V}, \mathrm{S}$ के बाईं ओर तीसरे 5 थान पर बैठा है। V , बाएं किसे से तीसरे 5 थान पर बैठा है। $R$ एक किसे पर बैठा है और $S$ का निकटतम पड़ोसी है। $A, R$ के बाईं ओर दू सरे 5 थान पर बैठा है। निन किलिखत म से कौन $A$ के बाईं ओर तीसरे 5 थान पर बैठा है?
Ans
8. N

X2. D
X 3 .R
$\times 4 . \mathrm{V}$
Q. 17 Which two signs should be interchanged to make the given equation correct?
$211 \times 14+627 \div 33-17=520$
Ans
$\times 1 .+$ and $\div$
2. + and -
3. $\div$ and $\times$
4. $\times$ and -
Q. 18 'संताप' का जो संबंध ‘क 'से है, ' नितभाशाली’ का वही संबंध ‘ $\qquad$ ' से है।
Ans
X1. िख
X 2. Vढ़
X 3. धूоमल
4. तेजोमय
Q. $19 \mathrm{~A}, \mathrm{~B}$ का पुT है। $C, D$ का किपता है। $A$ का विववाह $E$ से आ है। $A$ और $D$ सहोदर ह। $F, E$ का भाई है। $B$ का के वल एक पुT है। $G, A$ का पुर है। $F, H$ का क्पता है। $I, D$ की पुT $\frac{\text { है। }}{} F$ की कोई पुт नहीं है। $C$ काE से $ד$ संबंध है?
Ans
$X 1$. पु
2. ससुर
3. भाई
4. भतीजा
Q. 20 Select the correct mirror image of the given combination when the mirror is placed at $P Q$ as shown.

4RF893Zfk2|
Ans




Q. 21 Select the option that is related to the third term in the same way as the second term is related to the first term.

RADIUS : ARINSU :: SQUARE : ?
Ans

1. QSZFER
2. QSPFER

X 3. XLPFWZ
X4. XLZVWZ
Q. 22 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

NYQ, KWP, HUO, ESN, ?
Ans
X1. CQM
X 2. CPN

- 3. BQM

X4.BPN
Q. 23 In a certain code language, 'QUICK' is coded as '162418610'. How will 'FOUND' be coded in that language?
Ans
X1. 231421126
X 2. 413211221
X 3. 213411261
4. 231361221
Q. 24 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

NEURO__CNEUR__ICNEU__TICNE__OTIC
Ans 1. TIOTROUR
< 2. TOITROUR
( 3. TIOTORRU
X 4. TIOTRORU
Q. 25 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans

1. TQO
< 2. IGE
X 3. MKI
2. ECA

## Section : English Language

Q. 1 Select the most appropriate ANTONYM of the given word.

Perennial
Ans

1. Temporary

X 2. Continual
X 3. Abiding
4. Longstanding
Q. 2 Select the most appropriate ANTONYM of the given word.

Hollow
Ans
X1. Narrow
X 2. Empty
X 3. Curved
4. Solid
Q. 3 Select the most appropriate option to fill in the blank.
$\qquad$ ! The great leader is no more.
Ans1. Hurrah
$\times 2$. Hello3. Bravo
4. Alas
Q. 4 Select the most appropriate synonym of the given word.

Lofty
Ans
$X$ 1. Active
$X$ 2. Keen
3. Humble
4. Noble
Q. 5 Select the most appropriate meaning of the given idiom.

On purpose
Ans
X 1. aimlessly
2. deliberately
$X$ 3. with no reason
X 4. carefully
Q. 6 Select the option that expresses the given sentence in passive voice.

She took my signatures on the application form.
Ans

1. My signatures were taken on the application form by her.
$\times 2$. Her signatures were taken on the application form by me.
X 3. My signatures have been taken on the application form by her.
$X 4$. Her signatures are taken on the application form by me.
Q. 7 Select the INCORRECTLY spelt word.

Ans
$\times 1$. Propose
X 2. Imaginary

- 3. Ignorence

X 4. Gracious
Q. 8 Select the most appropriate option to fill in the blank.

The wind blew so $\qquad$ at night that many trees fell in the park.
Ans
X1. intensely

- 2. fiercely

X 3. boldly
X 4. gently
Q. 9 Select the most appropriate synonym of the given word.

## Interfere

Ans
$X$ 1. Allow
X 2. Assist
$X$ 3. Help
4. Obstruct
Question ID : 65497839134
Status : Answered
Chosen Option : 4
Q. 10 Select the correct indirect form of the given sentence.
"Poonam, I will wait for you in front of the school gate," Vidushi said.
Ans
$X 1$. Vidushi is telling Poonam that she has waited for her in front of the school gate.
$X$ 2. Vidushi has told Poonam that she is waiting for her in front of the school gate.
$X$ 3. Vidushi had told Poonam that I would wait for her in front of the school gate
4. Vidushi told Poonam that she would wait for her in front of the school gate.

Question ID : 65497838008
Q. 11 Select the INCORRECTLY spelt word.

Ans
$X 1$. Intelligence
X 2. Integrate
$\times 3$. Integrity
4. Intigral
Q. 12 Select the option that can be used as a one-word substitute for the given group of words.

## A person, animal or plant belonging originally to a place

Ans
X 1. Alien
X 2. Occupant
X 3. Resident
4. Native
Q. 13 Select the wrongly spelt word.

Ans
$X$ 1. gauze
2. gazzette
$X$ 3.gauge
$\times$ 4. gazelle

## Q. 14 Select the most appropriate meaning of the given idiom.

## The lion's share

Ans
$X 1$. The highest authority
2. The largest portion
3. A risky pursuit
4. A huge profit
Question ID : 65497838525
Status: Answered
Chosen Option: 3
Q. 15 Select the option which means the same as the group of words given.

To steal and pass off ideas and words of another as one's own
Ans
X 1 . Credit
X 2. Review
3. Plagiarize

X4. Familiarize

## Comprehension:

Read the given passage and answer the questions that follow.
Maybe you're bored of bananas, apples and grapes and need a fresh produce pick. A nutrient-rich serving of kiwi fruit may be just what you need. A serving of kiwi fruit (2 kiwis) has twice the vitamin $C$ of an orange, as much potassium as a banana and the fibre of a bowl of whole grain cereal-all for less than 100 calories!
The fuzzy fruit is sky-high in both soluble and insoluble fibre, both of which are essential for promoting heart health, regulating digestion, and lowering cholesterol levels-that's a winning trifecta. Kiwi fruit has also been considered a 'nutritional all-star', as Rutgers University researchers found that kiwi fruit has the best nutrient density of 21 commonly consumed fruits.
Along with vitamin C, kiwi fruits are rich in many bioactive compounds that have antioxidant capacity to help to protect against free radicals, harmful by-products produced in the body. If you want clean energy, think of kiwi fruit because they're rich in magnesium, a nutrient essential to convert food into energy.
A kiwi fruit also doubles as a peeper-keeper by supplying your eyes with protective lutein, a carotenoid that's concentrated in eye tissues and helps protect against harmful free radicals. Kiwi fruit is also packed with blood pressure-lowering potassium. In fact, a 100-gram serving of kiwi fruit-that's about one large kiwi-provides $15 \%$ of the Recommended Daily Allowance (RDA) of potassium.
Kiwi fruit has been growing in New Zealand for over 100 years. Once the fruit gained in popularity, other countries started to grow them including Italy, France, Chile, Japan, South Korea and Spain. At first, kiwis were referred to as 'Yang Tao' or 'Chinese Gooseberry', but the name was ultimately changed to kiwi fruit so that everyone would know where the fruit came from.
A ripe kiwi fruit will be plump and smooth-skinned, and free of wrinkles, bruise, and punctures. If you find that your kiwi is a little too firm after buying it, simply let it ripen at room temperature for three to five days. The firmer the fruit, the more tart it will taste. To speed up the ripening process, you can also place kiwis in a paper bag with an apple or banana. The kiwi will ripen in a day! If you want to store the fruit longer, you should keep it in a plastic bag in the refrigerator.

SubQuestion No: 16
Q. 16 What has been referred to as a triple achievement of the kiwi fruit?

Ans $\quad$ 1. Lowering of blood pressure, better digestion and improved eyesight
X 2. Protection against free radicals, heart health and better digestion
3. Heart health, regulating digestion, and lowering cholesterol levels
× 4. Better eye sight, lowering cholesterol and regulating blood pressure

## Comprehension:

Read the given passage and answer the questions that follow.
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## SubQuestion No: 17

Q. 17 Which of these is the quickest way to ripen a kiwi?

Ans $\times 1$. Keeping it in the refrigerator in a sealed bag
$X$ 2. Leaving it at room temperature
$X$ 3. Leaving it in direct sunlight
4. Storing it in a paper bag with other fruits

## Comprehension:

Read the given passage and answer the questions that follow.
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SubQuestion No : 18
Q. 18 The word 'kiwi' suggests that the fruit comes from:

Ans $\times 1$. France
$X$ 2. South Korea
X 3. Spain
4. New Zealand

## Comprehension:

Read the given passage and answer the questions that follow.
Maybe you're bored of bananas, apples and grapes and need a fresh produce pick. A nutrient-rich serving of kiwi fruit may be just what you need. A serving of kiwi fruit (2 kiwis) has twice the vitamin C of an orange, as much potassium as a banana and the fibre of a bowl of whole grain cereal-all for less than 100 calories!
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SubQuestion No: 19
Q. 19 A serving of kiwi fruit is rich in:

Ans 1. Vitamin C and potassium
$X$ 2. Vitamin $A$ and phosphorus
X 3. Vitamin E and fibre
$X$ 4. Vitamin B and magnesium

## Comprehension:

Read the given passage and answer the questions that follow.
Maybe you're bored of bananas, apples and grapes and need a fresh produce pick. A nutrient-rich serving of kiwi fruit may be just what you need. A serving of kiwi fruit (2 kiwis) has twice the vitamin $C$ of an orange, as much potassium as a banana and the fibre of a bowl of whole grain cereal—all for less than 100 calories!
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SubQuestion No : 20
Q. 20 Kiwi is considered a 'nutritional all-star' because:

Ans $\times 1$. it fulfils $15 \%$ of RDA of potassium
X 2. it is a power-packed food
3. it has the best nutrient density

X 4. it has the best antioxidant capacity

## 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.

It is best to steer the middle course in life. The key to happiness is to keep (1) $\qquad$ bounds and discipline one's life. Eating well is (2) $\qquad$ for nourishment but overeating can do more (3) $\qquad$ than good. All parents love the $\qquad$ ren but those who (4) in excessive pampering end up spoiling their kids. (5) $\qquad$ riches can bring many evils, enemies, cares and worries.

SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in blank no. 1.

Ans
X1. along
2. within

X 3.among
X 4.between

## 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.

It is best to steer the middle course in life. The key to happiness is to keep (1) $\qquad$ bounds and discipline one's life. Eating well is (2) $\qquad$ for nourishment but overeating can do more (3) $\qquad$ than good. All parents love the
$\qquad$ riches can bring many evils, enemies, cares and worries.

SubQuestion No: 22
Q. 22 Select the most appropriate option to fill in blank no. 2.

Ans
$\times 1$. serious
X 2. relevant
X 3. urgent
4. important

## 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.

It is best to steer the middle course in life. The key to happiness is to keep (1) $\qquad$ bounds and discipline one's life. Eating well is (2) $\qquad$ for nourishment but overeating can do more
(3) $\qquad$ than good. All parents love their children but those who (4) $\qquad$ in excessive pampering end up spoiling their kids. (5) $\qquad$ riches can bring many evils, enemies, cares and worries.

SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in blank no. 3.

Ans
X 1. hurt
2. harm

X 3.foul
X4. misuse

## 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.

It is best to steer the middle course in life. The key to happiness is to keep (1) $\qquad$ bounds and discipline one's life. Eating well is (2) $\qquad$ for nourishment but overeating can do more
(3) $\qquad$ than good. All parents love th
$\qquad$ riches can bring many evils, enemies, cares pampering end up spoiling their kids. (5) and worries.

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank no. 4.

Ans
X 1. treat
X 2. undertake

- 3. indulge
$\times 4$. entertain


## 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.

It is best to steer the middle course in life. The key to happiness is to keep (1) $\qquad$ bounds and discipline one's life. Eating well is (2) $\qquad$ for nourishment but overeating can do more (3) $\qquad$ than good. All parents love their children but those who (4) $\qquad$ in excessive pampering end up spoiling their kids. (5) $\qquad$ riches can bring many evils, enemies, cares and worries.

SubQuestion No: 25
Q. 25 Select the most appropriate option to fill in blank no. 5.

Ans
X 1 . Exaggerated
2. Excessive
3. Extended
4. Enhanced

Section : Quantitative Aptitude
Q. 1 दो वर्ष पहले, एक सर्वेक्षण से पता चला था कि एक कॉलेज के 2400 विद्यार्थी घर पर कंप्यूटर का उपयोग करने में सक्षम थे। इस वर्ष के सर्वेक्षण के अनुसार उन छात्रों की संख्या में $30 \%$ की वृद्धि हुई है, जो घर पर कप्यूटर का उपयोग करने में सक्षम हैं। अब कितने छात्र घर पर कंप्यूटर का उपयोग करने में सक्षम हैं?

Ans
X1. 2820
2. 3120
$\times 3.720$
X4. 3000
Q. 2 What is the single discount equivalent to the three successive discounts of $10 \%, 40 \%$ and $25 \%$ ?

Ans
X1. $45.5 \%$
$\times 2.37 .5 \%$

- 3. $59.5 \%$

X4. $65.5 \%$
Q. 3 If the five-digit number $602 x y$ is divisible by 7 and 33 , then the value of $(8 x-3 y)$ is:

Ans

1. 69
2. 59
3. 56
4. 61
Q. 4 उस आयताकार मैदान का क्षेत्रफल ( $\mathrm{m}^{2}$ में) ज्ञात कीजिए, जिसकी एक भुजा 35 m और एक विकर्ण 37 m है।

Ans

1. 450
2. 1295
3. 1225
4. 420
Q. 5 Sujatha purchased two articles for a total of ₹ 1,080 . By selling one at a profit of $25 \%$ and the other at a loss of $20 \%$, she neither gains nor incurs a loss. What is the difference (in ₹) between the cost price of the two articles?

Ans

1. 120
2. 100
3. 80
4. 150
Q. 6 The difference between the compound interest and simple interest on ₹x at a rate of $8.5 \%$ per annum for 2 years is ₹ 260.10 . What is the value of x ?

Ans

1. 38,000
2. 36,000
3. 34,000
4. 35,000
Q. 7 An item marked at $₹ 3,550$ is offered at $k \%$ discount for $₹ 3,124$. If the discount offered is reduced to $(k-4) \%$, then at what price will the item be available to customers?

Ans

1. ₹ 3,249
2. ₹ 3,262
3. ₹ 3,266
4. ₹ 3,250
Q. 8 What is $n$ if $16, n$ and 49 are in continued proportion?

Ans

1. 28
2. $\frac{7}{4}$
3. 32.5

X4. $\frac{4}{7}$
Q. 9 A tap can fill a tank in 6 hours. After 4 hours it was found that only $60 \%$ of the tank is full due to a leakage at the bottom which was then immediately repaired. In how much time will the tank be completely filled?

Ans

1. 6 hours 24 minutes
2. 6 hours 40 minutes
$X$ 3. 6 hours 30 minutes
X4. 6 hours
Q. 10 In a medical institute, the strength of the students in the first two classes are in the ratio of $8: 17$. The ratio of the number of students in the second and the third classes is $2: 3$. What is the average of the number of students in the first and third classes, if the number of students in the second class is 612 ?
Ans
X1. 288
-2. 828
$\checkmark$ 3. 603
$\times 4.918$
Q. 11 A shopkeeper sold an item for ₹ 495 with $10 \%$ profit. In order to earn $16 \%$ profit, by how much (in ₹) should he increase the selling price?
Ans
-1. 27
$\times 2.32$
3. 30
4. 25
Q. 12 The average of 11 numbers is 25 . If the average of 6 of these numbers is 24 , then what is the average of the remaining 5 numbers?
Ans
X1. 25.6
X2. 25.2
5. 26
6. 26.2
Q. 13 If $x^{3}-y^{3}=40$ and $x-y=4$, then find the value of $x y$.

Ans
$\times 1.60$

- 2. -2
$\times$ 3. -60
X4. 2
Q. 14 A part of a journey is covered in 10 hours at $96 \mathrm{~km} / \mathrm{h}$ and the remaining part of it is covered in 8 hours 30 minutes at 80 $\mathrm{km} / \mathrm{h}$. What is the total length of the journey (in km )?
Ans

1. 1,760
2. 1,640
3. 2,000
4. 1,500
Q. 15 Find the smallest number which should be added to 1234 to get a number divisible by 45 .

Ans
$\times 1.16$
$\times 2.8$
3. 26
4. 1
Q. 16 There are three inlet pipes $X, Y$ and $Z$ in a tank. $X$ and $Y$ can fill the tank in 45 hours. $Y$ and $Z$ can fill the tank in 36 hours. $Z$ and $X$ can fill the tank in 72 hours. The number of hours in which all the three pipes can fill the tank, if operated simultaneously, is:
Ans
-1. $31 \frac{7}{23}$
2. $31 \frac{15}{23}$

X $3.15 \frac{7}{23}$
X4. $15 \frac{15}{23}$
Q. 17 A man borrowed money for 2 years and paid back in two equal annual instalments of $₹ 2,260$ at $5 \%$ compound interest, compounded anmually. What was the sum (in ₹, to the nearest tens) borrowed?

Ans

1. 4,420
2. 4,520
3. 4,300
4. 4,200
Q. 18 The cost price of an article is $16 \%$ less than its selling price. What is the profit or loss percentage (to the nearest integer)?
Ans
5. Loss, $19 \%$
6. Loss, $16 \%$
7. Profit, $16 \%$
8. Profit, $19 \%$
Q. 19 A man invested $₹ 7,050$ for 5 years at the rate of $8 \%$ simple interest per annum. What will be two-third of the money (in $₹$ ) that he will get on maturity?
Ans
9. 2,820
10. 5,550
11. 6,580
12. 9,870
Q. 20 If $(2 x+3 y)^{3}-(2 x-3 y)^{3}=3 y\left[A x^{2}+B y^{2}\right]$, then what is the value of $(A-B)$ ?

Ans
X 1.12
$\times 2.9$
$\times 3.3$

- 4.6
Q.21 What is the mean proportional between 2.5 and 0.625 ?

Ans
$\times 1.12 .5$
$\checkmark$ 2. 1.25
X 3. 0.0015625
$\times 4.0 .125$
Q. 22 P और उसके चार मित्रों का औसत वजन 52.4 kg है। यदि P अपने चार दोस्तों के औसत वजन से 3 kg हल्का है, तो P का वजन $(\mathrm{kg}$ में ज्ञात कीजिए।
Ans

1. 50
2. 53
3. 48
4. 51
Q. 23 A wholesaler bought an item from a manufacturer for $₹ 5,000$ and sold it to a retailer at $20 \%$ profit. The retailer sold it to a customer at $10 \%$ profit. If the customer buys the item from the manufacturer itself, how much money (in ₹) will he save?
Ans
5. 1,800
6. 1,500
7. 1,550
8. 1,600
Q. 24 The average weight of some persons in a club was 80 kg . Seven persons with average weight 85.2 kg joined the club and at the same time 2 persons with average weight 72.7 kg left the club. The average weight of all the persons in the group increased by 1.02 kg . How many people were there initially in the club?

Ans
X1. 55
2. 45
3. 60
4. 50
Q. 25 A boat can move 35 km upstream and the same distance downstream in a total time of 8 hours. If the speed of the boat in still water is $9 \mathrm{~km} / \mathrm{h}$. then the speed (in $\mathrm{km} / \mathrm{h}$ ) of the stream is:

Ans
X1. 2.5
2. 2
3. 1.5
4. 3

Section : General awareness
Q. 1 'Cricket Crusader' is the autobiography of $\qquad$ .

Ans
$X$ 1. Sunil Gavaskar
X 2. Allan Border3. Gary Sobers
4. Lala Amarnath
Q. 2 What is the full form of the NDHM scheme launched by the Ministry of Health and Family Welfare?
Ans

1. National Digital Home Mission
2. National Draft Health Mission
3. National Digitalized Health Mission
4. National Digital Health Mission
Q. 3 Which of the following countries' National Gallery announced to return 14 artworks from its Asian art collection to India in 2021?
Ans
5. Australia
6. New Zealand
7. Netherlands
8. Italy
Q. 4 Which of the following falls under the 'Right to Freedom' as per the Constitution of India?
Ans
X1. Equality before law
X 2. Freedom to attend religious instruction or worship in certain educational institutions
X 3. Abolition of Untouchability
9. Right to education
Q. 5 के सोवरी, कीवी और रया fिन म से किसके उदाहरण

ह?Ans
X1. सरोस९प वग
Х 2. ${ }^{\text {тмन }}$ ○री वग
X 3. म4 वग
-4.प ीवग
Q. 6 Which of the following Harappan sites is located in Afghanistan?

Ans
X1. Rakhigarhi
X 2. Banawali
X 3. Kalibangan
4. Shortughai

## Q. 7 सिसोही रा गेय उ० नन निन मे किस रा म

5 5 थत है?Ans $\times 1$.असम
$X$ 2. पि म बंगाल
3. मिणपुर

X 4. ओडशा
Q. 8 Which of the following archaeological sites is located in Uttar Pradesh?

Ans
X1. Burzahom
2. Koldihwa
$\times$ 3. Chirand
X 4. Brahmagiri
Q. 9 Which of the following was adopted as the state bird of Ladakh in September 2021?

Ans

1. Black-necked crane
2. Parrot
3. Kingfisher
4. Sparrow
Q. 10 खेल से लेकर संरिचत कु शल कायfi तक जीवन के सभी पहलुओं म 4 ठ क पेशीय मताओं (motorabilities) का भावी ढंग से उपयोग करने म असमथता को $\qquad$ कहा जाता है।

Ans
X 1. अिभy,न-अ मता (agnosia)
2. गितसम य वैक (dyspraxia)
3. नामन अ मता (anomia)
4. 4 श अिभy ान-अ मता (astereognosis)
Q. 11 The period 2007-2012 was associated with the $\qquad$ Plan.
Ans
X1. 9th Five Year
X 2. 11th Five Year
X 3.10th Five Year
4. 12th Five Year
Q. 12 In which of the following years did Albert Einstein receive the Nobel Prize in Physics?

Ans
X1. 1915
2. 1920
3. 1921
4. 1905
Q. 13 In the context of banking in India, what does ' $F$ ' stand for in the abbreviation 'IFSC'?

Ans
$X 1$. Fiscal
X 2. Fast
$X$
3. Federal
4. Financial
Q. 14 गांधीवादी नेता, पो5 ने गेरामुलु का निधन $\qquad$ भाणिषयों के लिए अलग रा हेतु अनशन करते ए
आ था।
Ans
$X 1$ तिमल
2. तेलुगु
$X$ 3. मलयालम
X4. क ड़

खेले $\dagger$ म शानिल नह $\dagger \stackrel{\circ}{\circ}$ थी? Ans $\times 1$. टेबल टेकिनस (Table tennis)
X 2. फ़ु टबॉल 5-ए साइड (Football 5-a side)
$X$ 3. शॉट पुट (Shot put)
4. हॉकी 6-ए साइड (Hockey 6-a side)
Q. 16 Under which of the following Article of the Constitution of India is the Annual Financial Statement presented to the Parliament every financial year?
Ans
< 1. Article 156
2. Article 112

X 3. Article 234
X 4. Article 134
Q. 17 Deepor Beel is a freshwater lake situated in:

Ans
X 1. Uttarakhand
X 2. Meghalaya
X 3. Bihar
4. Assam
Q. 18 िन म से किस बांध को 'प4 ा सागर' भी कहा जाता

है?Ans
X1. оिहरी
2. तुंगभ5०

X 3. सरदार सरोवर
4. हीराकुं ड
Q. 19 Who among the following was a noted painter?

Ans
X 1. Debendranath Tagore
2. Abanindranath Tagore
3. Rathindranath Tagore
4. Satyendranath Tagore
Q. 20 क री गुफाएं नि म से िकस 5 थान पर 5 थत

ह?Ans
$X 1$. पुणे
2. मुंबई

X 3. जयपुर
4. पटना
Q. 21 Who among the following Sikh Gurus founded the Khalsa Panth?

Ans
X1. Guru Ram Das
X 2. Guru Arjan Dev
3. Guru Nanak Dev
4. Guru Gobind Singh
Q. 22 Who among the following cricketers is on the International Cricket Council (ICC) Elite Panel of Umpires?

Ans
X1. Farokh Engineer
X 2. Dilip Vengsarkar
3. Srinivasaraghavan Venkataraghavan

X 4. Anil Kumble
Q. 23 In which of the following events was Vinod Kumar disqualified at the Paralympic Games held in Tokyo in 2021?

Ans
X 1 . High Jump
2. Discus Throw
3. Javelin Throw
4. Long Jump
Q. 24 With effect from 1 April 2019, Dena Bank stands amalgamated with which of the following banks?
Ans $\quad$ 1. State Bank of India
${ }^{1} \times 2$. Bank of India
${ }^{1}$
3. Punjab National Bank
4. Bank of Baroda
Q. 25 'Raja Parba', the festival which celebrates menstruation and conveys the message of empowerment against societal taboos, is celebrated in the state of $\qquad$ —.
Ans
X1. Bihar
× 2. Assam
I 3. Gujarat
4. Odisha

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $04 / 02 / 2022$ |
| Exam Time | 12:00 PM $-1: 00$ PM |
| Subject | Selection Post Matriculation Level |

## Section: General Intelligence

Q. 1 In a certain code language, 'PLOY' is written as 'QNRC' and 'DIRECT' is written as 'EKUIHZ'. How will 'GERMANY' be written in that language?
Ans

1. HGUQFTF
2. HGUQGSF

X 3. HGVPFTF
X 4. HGURFTG

Question ID: 65497839314
Q. 2 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

P_QU_V_T_URVPTQ_R_P_QU_V
Ans
X 1. P, T, Q, R, T, V, R, U
R 2. T, P, R, Q, T, U, V, R
3. T, R, P, Q, U, V, T, R
4. R, T, P, Q, T, U, R, V
Q. 3 In a certain code language, 'DOLBY' is coded as ' 53 ' and 'STUDENT' is coded as ' 96 '. How will 'GENEVA' be coded in that language?
Ans
<1. 50
2. 45
3. 60
4. 48

Question ID: 65497839317

Q． 4 Select the letter－cluster from among the given options that can replace the question mark（？）in the following series．

TJF，RMH，PPJ，NSL，？
Ans
X1．LWN
X 2．NVM
3．LVN
4．LUM

Q． 5 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．

## Statement：

All players are cricketers．
Some players are robots．
Conclusions：
I．Some cricketers are players．
II．Some cricketers are robots．
Ans
＜1．Either conclusion I or II follows．
2．Only conclusion II follows．
3．Only conclusion I follows．
4．Both conclusions I and II follow．

Q． 6 ＇Afghanistan＇is related to＇Kabul＇in the same way as＇Cuba＇is related to＇ $\qquad$ ＇．
Ans $\times 1$ ．Harare
2．Bogota
3．Santiago
4．Havana

Q． 7 Select the correct mirror image of the given combination when the mirror is placed at＇ PQ ＇as shown．


Ans


2．$Q \boldsymbol{N} \in$
3．$\Xi \Omega Y \mathbb{N}$
＊ヨローツ つ
Q. 8 Select the option that is related to the third term in the same way as the second term is related to the first term.

DIET : WXRSVWGH :: COZY : ?
Ans

1. XYLMABBC
2. XYMNABBC

X 3. XZLMZABC
X 4. XYLMABCD
Q. 9 Balaji is the grandson of Eashan, who is the husband of Charu. Dakshata is the wife of Pavan, who is the father of Balaji. Charu is the mother of Sukesh, who is the brother of Pavan.How is Balaji's mother related to Charu?
Ans
X1. Daughter
X 2. Sister-in-law
3. Daughter-in-law

X 4. Sister
Q. 10 Select the number from among the given options that can replace the question mark (?) in the following series.

203, 178, 162, 153, ?
Ans
<1. 144

- 2.149
$\times 3.151$
$\times 4.137$
Q. 11 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

7:44:: 6: ? :: $9: 76$
Ans
1.31
2. 32
3.34
< 4.33
Q. 12 In a certain code language, 'BLASPHEMY' is written as 'ZNFIQTBMC'. How will 'ENGROSSED' be written in that language?
Ans

1. EFTTPSHOF
2. FETTRSFPF
3. FETTSPHOF
4. EFTUPSHPF
Q. 13 A, B, C, D, E, F, G and H are eight friends sitting around a circle, facing towards the centre. $C$ is sitting second to the left of $F$. $F$ is sitting between $B$ and $E$. $B$ is the neighbour of $A$. $H$ is sitting to the immediate right of $G$. $D$ is to the immediate left of $G$. What is the position of $\mathbf{A}$ ?
Ans
$X 1$. To the immediate left of $C$
5. Between H and C
6. To the immediate right of $E$
7. Between $D$ and $B$
Q. 14 In a certain code language, 'PROCLAMATION' is coded as 161843121131203414, and 'MENACE' is coded as 13214132 . How will 'LISTENER' be coded in that language?
Ans
<1. 1231919204218
8. 1231920214218
9. 1213019214218
10. 1232019214218
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:

All mountains are hills.
All stones are hills.
Some hills are bricks.
Conclusions:
I. Some mountains are not stones.
II. Some bricks may not be hills is a possibility.

Ans

1. Both conclusions I and II follow
2. Neither conclusion I nor conclusion II follows
3. Only conclusion II follows
4. Only conclusion I follows
Q. 16 In a certain code language, 'CLOWN' is written as 'GPOKS', and 'THICK' is written as 'GLJGP'. How will 'SMART' be written in that language?
Ans
X 1. WQNWP
X 2. EIVOX
5. EQSOP
4.WNQPW
Q. 17 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

< 4.

Q. 18 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Pragmatics
2. Problematic
3. Practicing
4. Precipitancy
5.Probabilistic
5. Precession

Ans
<1.1,3, 4, 6, 5, 2
X 2.3,1, 4, 6, 5, 2
3. $3,1,6,4,5,2$
4. $1,3,6,4,2,5$
Q. 19 Which two signs need to be interchanged to make the following equation correct?
$56 \div 28-72+18 \times 6=60$
Ans
X1. - and +
2. $\div$ and +

X $3 . \div$ and -
4. + and $\times$
Q. 20 Eight persons A, B, C, D, E, F, G and $H$ are sitting around a circular table facing towards the centre. $G$ and $H$ are not to the immediate left or right of $A$. $D$ is sitting second to the left of $A$ and third to the right of $B$. $A$ and $F$ are the immediate neighbours of $C$.
Who is sitting second to the left of $B$ ?
Ans

1. C

X2.E
X 3.F
X4.D
Q. 21 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans
X1.DLH
X 2. JHF
X 3.FPB
4.BRJ
Q. 22 In a certain code language, 'GLOW' is coded as ' 9573 ', and 'LAWN' is coded as ' 5634 '. How will 'LONG' be coded in that language?
Ans
1.5749
$\times 2.6394$
$\times 3.7594$
< 4.5739
Q. 23 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

$\times 3$.

$\times 4$.

Q. 24 Select the number from among the given options that can replace the question mark
(?) in the following series.
6287, 5659, 5031, 4403, 3775,?
Ans
< 1.3335
< 2.3286
3. 3398
4.3147
Q. 25 Tarun is the son of Charan. Charan has only two children. Tarun is the brother of Ravali. Ravali is the daughter of Pranavi. Aditi is the granddaughter of Pranavi. Sundar is the father of Aditi. How is Sundar related to Tarun?

Ans

1. Brother-in-law
2. Brother
3. Son
4. Son-in-law

## Section : English Language

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

A group of vehicles travelling together, typically one accompanied by armed troops
Ans
< 1. Fleet

- 2. Convoy

X 3. Procession
X 4. Armada
Q. 2 Select the most appropriate ANTONYM of the given word.

Melodramatic
Ans
X1. Theatrical
X 2. Artificial
X 3. Exaggerated
4. Normal

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

Impatient
Ans

1. Anxious
2. Irritable
3. Tolerant
4. Restless
Q. 4 Select the INCORRECTLY spelt word.

Ans

1. Questionible
$\times 2$. Flexible
$X$ 3. Actually
$X$ 4. Finally
Q. 5 Select the option that expresses the given sentence in passive voice.

The teacher told the students to stand in a queue
Ans

1. The students were told to stand in a queue by the teacher.
2. The students have been told to stand in a queue by the teacher.
3. The students are told to stand in a queue by the teacher.
4. The students were being told to stand in a queue by the teacher.

## Q. 6 Select the INCORRECTLY spelt word.

Ans
$X$ 1. False
2. Fashion
3. Fiery
4. Fierse
Q. 7 Select the most appropriate synonym of the given word.

Just
Ans

1. Biased

X 2. Wrong
3. Fair
4. Partial

## Q. 8 Select the most appropriate meaning of the given idiom.

Once for all
Ans
X 1. constantly
2. conclusively
3. frequently
4. instantly
Q. 9 Select the most appropriate option to fill in the blank.

When the news of the Covid vaccine came, everybody in the house was
Ans
$X$ 1. eager
X 2. rowdy
X 3. keen

- 4. excited
Q. 10 Select the option that can be used as a one-word substitute for the given group of words.

Not allowed to do or be something
Ans
X 1 . Inelegant
2. Insincere
< 3. Indelible
4. Ineligible
Q. 11 Select the most appropriate synonym of the given word.

Fragile
Ans

1. Frail
2. Healthy
3. Strong
4. Firm
Q. 12 Select the most appropriate option to fill in the blank.

Indians $\qquad$ plants like Peepal and Tulsi sacred and worship them.
Ans

1. think
2. consider

X 3. judge
X4. reflect
Q. 13 Select the most appropriate meaning of the given idiom.

Full of beans
Ans

1. Angry

X 2 . Nervous
X 3. Unhappy
4. Lively
Q. 14 Select the option that expresses the given sentence in reported speech.
"Anant, are you coming for the class picnic this Sunday?" Shekhar asked.
Ans
$\times 1$. Shekhar is asking Anant if he is coming for the class picnic this Sunday.
2. Shekhar asked Anant whether he was coming for the class picnic that Sunday.

X 3. Shekhar asked Anant whether he will be coming for the class picnic this Sunday.
X 4. Shekhar asked Anant whether he had come for the class picnic on Sunday.
Q. 15 Select the INCORRECTLY spelt word.

Ans
X1. Prosper
X 2. Property
X 3. Pronounce

- 4. Propoganda


## Comprehension:

Read the given passage and answer the questions that follow.
Why does a person become overconfident? The reason lies in over assessment of his capabilities. Sometimes people over assess their competence and jump into situations that are beyond their control.
Napoleon Bonaparte who became Emperor of France would say that the word 'impossible' was common only amongst fools. The overconfident Napoleon invaded Russia in the winter of 1812. This proved to be a big disaster.

Overconfidence generally leads people into misadventures, endangering their chances in life. It is wisely said that any achievement is a result of two factors - one's personal planning and support from the external world. Overconfident people take into account only their planning, generally ignoring external factors. As a result they are unable to foresee future developments. Hence, there is a greater risk of failure.
Then there is the question: how can one manage overconfidence? The formula is very simple. Before taking a decision discuss the matter with other informed people with an objective mind and when it is proved that you are about to go off the path, accept reality and say without delay, "I was wrong".
Overconfidence is a flaw characterising people who lack the virtue of modesty. Modesty makes you a realist; you become a person who is cut down to size. People of this kind become very cautious; before taking an action they assess the whole situation. They adopt a realistic approach.
Overconfident people live within their own thoughts. They know themselves but they are unaware of others. Living inside their own cell they are unable to make use of the experiences of others. This kind of habit is highly damaging to all concerned.
There is a saying that the young man sees the rule and the old man sees the exception. With a slight change, I would like to say that the overconfident person sees the rule and the confident person sees the exception. Overconfident people are always at risk. It is said that taking risk is good but it must be well calculated, otherwise it becomes very dangerous.

SubQuestion No : 16
Q. 16 Which word did NOT seem to exist for Napoleon?

Ans $\times 1$. Confident
X 2. Experience
2. Impossible

X4. Dangerous

## Comprehension:

Read the given passage and answer the questions that follow.
Why does a person become overconfident? The reason lies in over assessment of his capabilities. Sometimes people over assess their competence and jump into situations that are beyond their control.
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SubQuestion No: 17
Q. 17 Which of the following statements is NOT true?

Ans
$X$ 1. One should take well calculated risks.
X 2. Invading Russia was Napoleon's folly.
3. Overconfident people take advantage of others' experience.

X 4. Modest people adopt a realistic approach.

## Comprehension:

Read the given passage and answer the questions that follow.
Why does a person become overconfident? The reason lies in over assessment of his capabilities. Sometimes people over assess their competence and jump into situations that are beyond their control.
Napoleon Bonaparte who became Emperor of France would say that the word 'impossible' was common only amongst fools. The overconfident Napoleon invaded Russia in the winter of 1812. This proved to be a big disaster.

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There is a saying that the young man sees the rule and the old man sees the exception. With a slight change, I would like to say that the overconfident person sees the rule and the confident person sees the exception. Overconfident people are always at risk. It is said that taking risk is good but it must be well calculated, otherwise it becomes very dangerous.

SubQuestion No: 18
Q. 18 'cut down to size' means to:

Ans 1.belittle someone
X 2. control someone
X 3.be cautious
X 4. defer a decision

## Comprehension:

Read the given passage and answer the questions that follow.
Why does a person become overconfident? The reason lies in over assessment of his capabilities. Sometimes people over assess their competence and jump into situations that are beyond their control.
Napoleon Bonaparte who became Emperor of France would say that the word 'impossible' was common only amongst fools. The overconfident Napoleon invaded Russia in the winter of 1812. This proved to be a big disaster.

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There is a saying that the young man sees the rule and the old man sees the exception. With a slight change, I would like to say that the overconfident person sees the rule and the confident person sees the exception. Overconfident people are always at risk. It is said that taking risk is good but it must be well calculated, otherwise it becomes very dangerous.

SubQuestion No: 19
Q. 19 An overconfident person rates his abilities $\qquad$ they are.

Ans

1. higher than
$X$ 2. fairly as
$X$ 3. worse than
$X$ 4. lower than

## Comprehension:

Read the given passage and answer the questions that follow.
Why does a person become overconfident? The reason lies in over assessment of his capabilities. Sometimes people over assess their competence and jump into situations that are beyond their control.
Napoleon Bonaparte who became Emperor of France would say that the word 'impossible' was common only amongst fools. The overconfident Napoleon invaded Russia in the winter of 1812. This proved to be a big disaster

Overconfidence generally leads people into misadventures, endangering their chances in life. It is wisely said that any achievement is a result of two factors - one's personal planning and support from the external world. Overconfident people take into account only their planning, generally ignoring external factors. As a result they are unable to foresee future developments. Hence, there is a greater risk of failure.
Then there is the question: how can one manage overconfidence? The formula is very simple. Before taking a decision discuss the matter with other informed people with an objective mind and when it is proved that you are about to go off the path, accept reality and say without delay, "I was wrong".
Overconfidence is a flaw characterising people who lack the virtue of modesty. Modesty makes you a realist; you become a person who is cut down to size. People of this kind become very cautious; before taking an action they assess the whole situation. They adopt a realistic approach.
Overconfident people live within their own thoughts. They know themselves but they are unaware of others. Living inside their own cell they are unable to make use of the experiences of others. This kind of habit is highly damaging to all concerned.
There is a saying that the young man sees the rule and the old man sees the exception. With a slight change, I would like to say that the overconfident person sees the rule and the confident person sees the exception. Overconfident people are always at risk. It is said that taking risk is good but it must be well calculated, otherwise it becomes very dangerous.

SubQuestion No: 20
Q. 20 According to the passage, overconfident people face a greater risk of failure because they:

Ans $\times 1$.can see exceptions
X 2. do not accept reality
3. ignore the external factors

X4. are not modest
Question ID : 65497839255
Status : Answered
Chosen Option : $\mathbf{3}$

## 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.

20 years ago, due to a terrorist attack at the World Trade Center in New York, the US started a war with the Taliban in Afghanistan.
Recently, the US soldiers (1) $\qquad$ to leave Afghanistan, and the Taliban quickly took (2) of nearly all the country. The Afghan president ran (3)___from the country, and
only a few hours later, the Taliban took control of (4)
$\qquad$
$\qquad$ esidential palace. caused chaos at the international airport in Kabul. Foreign diplomats left the country because it was not safe for them anymore.

SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in blank No. 1.

Ans

1. started

X 2. start
X 3. will start
X 4.starting

## 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.

20 years ago, due to a terrorist attack at the World Trade Center in New York, the US started a war with the Taliban in Afghanistan.
Recently, the US soldiers (1) $\qquad$ to leave Afghanistan, and the Taliban quickly took (2) of nearly all the country. The Afghan president ran (3) $\qquad$ from the country, and
only a few hours later, the Taliban took control of (4) $\qquad$ residential palace. Thousands of Afghans wanted to leave the country, (5) $\qquad$ caused chaos at the international airport in Kabul. Foreign diplomats left the country because it was not safe for them anymore.

SubQuestion No : 22
Q. 22 Select the most appropriate option to fill in blank No. 2.

Ans

1. control
$\times 2$. force
X 3. power
X4. authority

## 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.

20 years ago, due to a terrorist attack at the World Trade Center in New York, the US started a war with the Taliban in Afghanistan.
Recently, the US soldiers (1) $\qquad$ to leave Afghanistan, and the Taliban quickly took (2) of nearly all the country. The Afghan president ran (3) $\qquad$ from the country, and
only a few hours later, the Taliban took control of (4) $\qquad$ residential palace. Thousands of Afghans wanted to leave the country, (5) caused chaos at the international airport in Kabul. Foreign diplomats left the country because it was not safe for them anymore.

SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in blank No. 3.

Ans

- 1. away

X2. out
X 3. over
X4.into

## 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.

20 years ago, due to a terrorist attack at the World Trade Center in New York, the US started a war with the Taliban in Afghanistan.
Recently, the US soldiers (1) $\qquad$ to leave Afghanistan, and the Taliban quickly took (2) of nearly all the country. The Afghan president ran (3)__from the country, and only a few hours later, the Taliban took control of (4) $\qquad$ presidential palace. Thousands of Afghans wanted to leave the country, (5) $\qquad$ caused chaos at the international airport in Kabul. Foreign diplomats left the country because it was not safe for them anymore.

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank No. 4.

Ans

1. the

X 2. that
$\times$ 3.this
X4.a

## 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.

20 years ago, due to a terrorist attack at the World Trade Center in New York, the US started a war with the Taliban in Afghanistan.
Recently, the US soldiers (1) $\qquad$ to leave Afghanistan, and the Taliban quickly took (2) of nearly all the country. The Afghan president ran (3) from the country, and
only a few hours later, the Taliban took control of (4)____ presidential palace.
Thousands of Afghans wanted to leave the country, (5) $\qquad$ caused chaos at the international airport in Kabul. Foreign diplomats left the country because it was not safe for them anymore.

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in blank No. 5.

Ans

1. which

X 2. what
X 3.whom
X4. who

## Section : Quantitative Aptitude

Q. 1 The speed of a boat in still water is $15 \mathrm{~km} / \mathrm{h}$ and the speed of the current is one-third the speed of the boat in still water: How much time will it take to go 24 km upstream and 20 km downstream, assuming that no time is lost in changing direction?

Ans
$X 1.3$ hours 20 minutes
2. 3 hours
3. 3 hours 24 minutes

X4. $3 \frac{1}{2}$ hours
Q. 2 A shopkeeper allows a discount of $10 \%$ on an item. How much per cent above the cost price should he mark his goods to make a profit of $10 \%$ ?
Ans
X $1.21 \frac{1}{2} \%$
$\times 2.22 \%$
3. $20 \%$
4. $22 \frac{2}{9} \%$
Q. 3 If each side of a square field is increased by $12 \%$, then by what percentage has the area of the field increased?

Ans
X1. $30.12 \%$
$\checkmark$ 2. $25.44 \%$

- 3. $11.44 \%$

4. $21.32 \%$
Q. 4 Find the value of $\frac{\mathrm{m}\left(\mathrm{m}^{2}+3 \mathrm{~m}+3\right)+1}{\mathrm{~m}(\mathrm{~m}+2)+1}$ when $\mathrm{m}=87$.

Ans

1. 88
-2. 87
2. 90
$\times 4.96$
Q. 5 Pipes A and B can fill a tank in 16 hours and 24 hours, respectively, whereas pipe C alone can empty the full tank in $x$
hours. When all the 3 pipes are opened together, the tank is full in $20 \frac{4}{7}$ hours, What is the value of $x$ ?
Ans
$\times 1.12$
$\checkmark 2.18$
$\times 3.15$
X4. 20
Q. 6 A sum of $₹ 8,520$ is divided between $A, B, C$ and $D$ in the ratio $\frac{1}{2}: \frac{1}{4}: \frac{2}{5}: \frac{5}{8}$. What is the difference between shares of $B$ and D ?
Ans
3. ₹ 1,800
4. ₹ 1,600
5. ₹ 1,080
6. ₹ 2,000
Q. 7 The selling price of a chair is $\frac{46}{25}$ times its cost price. What is the gain percentage in the transaction?

Ans
$\times 1.33 \frac{2}{3} \%$

- 2. $84 \%$

X 3. $25 \frac{1}{2} \%$
X4. $46 \%$
Q. 8 Find the value of $\sqrt{2 \mathrm{p}^{2}+4}$ such that a 6 -digit number 52 p 304 is divisible by 11 .

Ans
X1. 8
$\times 2.4$

- 3. 6
$\times 4.5$
Q. 9 The average height of a group of 9 students is 168 cm . Two more students of height 174 cm and 184 cm join the group. What is the new average (in cm )?

Ans
$\times 1.167$
2. 172
$\times$ 3. 165

- 4.170
Q. 10 If a sum of $₹ 7,13,700$ is divided into 3 parts so that their amounts after 2,3 and 4 years, respectively, be equal, the rate of interest being $5 \%$ per annum at simple interest, then the first part (in ₹) is:
Ans

1. $2,37,600$
2. $2,28,400$
3. $2,48,400$
4. $2,73,240$
Q. 11 At what rate of simple interest per annum (correct to one decimal place) is the interest earned for 11 months on a certain sum of money 0.08 times the principal amount?
Ans
X1. $8.2 \%$
5. $9.3 \%$
6. $8.7 \%$
7. 11.2\%
Q.12 A can do three-fourth of a work in 12 days and B can do four-fifth of the same work in 20 days. In how many days can they complete the whole work, working together?

Ans

1. $10 \frac{2}{5}$
2. $9 \frac{31}{41}$
3. $9 \frac{1}{2}$
4. 10
Q. 13 A sells a washing machine to B at a $15 \%$ loss. B sells it for $₹ 6,120$ and gains $20 \%$. What is the cost price (in ₹) of the washing machine for A ?
Ans
5. 6,040
6. 5,980
7. 6,000
8. 5,960
Q. 14 A man runs at a speed of $6 \mathrm{~km} / \mathrm{h}$. He takes 30 minutes rest at the end of every 4 km . How long (in hours) will he take to cover 15 km ?
Ans
$X 1.3$
X2. 2.5
X 3. 3.5
9. 4
Q.15 The ratio of boys to girls in a school having 1440 students is $3: 5$. Thirty girls were shifted to the other branch of the school. How many more boys should be admitted to the school to make this ratio $2: 3$ ?

Ans

1. 40
2. 35

X 3.45
4. 32
Q. 16 Find the greatest 5-digit number divisible by 12 .

Ans
X1. 99988
X 2. 99999

- 3. 99996

X4. 99998
Q. 17 The average weight of 29 students in a class is 54 kg . Five students of average weight 52.8 kg leave the class and 6 students of average weight 55 kg join the class, what is the average weight (in kg ) of students now?
Ans
$X 1.53 .9$
2. 54.2
$\times 3.53 .8$

- 4. 54.4

18 A number is decreased by $24 \%$ and then increased by $18 \%$. What is the net increase or decrease per cent in the number?
Ans

1. $17.51 \%$ decrease
2. $10.32 \%$ decrease
$X$ 3. $11.14 \%$ increase
X 4. $18.97 \%$ increase
Q. 19 The cost price of an article is $₹ 120$. A dealer marks it $35 \%$ above its cost price. If he sells it after giving a $15 \%$ discount on its marked price, then his profit per cent is?
Ans
X1. $15 \%$
X 2. $14 \frac{1}{3} \%$
X 3. $10 \%$

- $4.14 \frac{3}{4} \%$
Q. 20 Simplify $\frac{0.32 \times 0.72 \times 0.56}{(0.32)^{3}+(0.24)^{3}-(0.56)^{3}}$ :

Ans

1. -1

X2. $\frac{1}{3}$
$\times 3.1$
$\times 4.3$
Q. 21 The average age of 4 members of a family is 35 years. Their ages are in the ratio $8: 7: 1: 12$. What is the age of the oldest member of the family (in years)?

Ans
$\times 1.40$
$\times 2.75$

- 3. 60

X4. 50
Q. 22 At what rate of simple interest can a sum of money become five times of itself in 16 years?

Ans
X1. $20 \%$
$\times 2.15 \%$
X 3. $10 \%$
4. $25 \%$
Q. 23 A man saves $₹ 6,000$ per month from his salary. He spends $75 \%$ of his salary each month what is his annual salary (in ₹)?

Ans 1. 24,000
2. $2,40,000$
3. $2,88,000$
4. 28,800
Q. 24 A bought oranges at 20 for ₹ 50 and sold at 10 for ₹ 30 . What is his profit percentage?

Ans

1. $20 \%$
2. $15 \%$
3. $12 \%$
4. $10 \%$
Q. 25 The ratio of length and breadth of a rectangle is $21: 20$ and its perimeter is 164 cm . What is the length of its diagonal (in cm )?

Ans

1. 58
2. 57
3. 56
4. 55

## Section : General awareness

Q. 1 In the movement of the tectonic plates when one plate plunges beneath another it is called $\qquad$ .
Ans

1. spreading
2. subduction
3. collision
4. convection
Q. 2 Who was the Governor of India at the time of the first Anglo-Maratha war?

Ans
X 1. Lord Wellesley
X 2. Lord Minto I
3. Warren Hastings

X 4. Lord Cornwallis
Q. 3 In which year was the National Committee on Environmental Planning and

Coordination (NCEPC), that gradually evolved and became a full-fledged Ministry of Environment and Forests in 1985, formed?

Ans

1. 1972
2. 1992
3. 1986
4. 1980
Q. 4 The 'Sukhet Model', an innovative method converting dung and waste into vermicompost, was first implemented in the state of $\qquad$ .

Ans
X1. Odisha

- 2. Bihar

X 3. Meghalaya
4. Assam

| Question ID : | 65497838695 |
| ---: | :--- |
| Status : | Not Attempted and <br> Marked For Review |
| Chosen Option : -- |  |

Q. 5 Which of the following countries defeated India to claim a bronze medal in Women's Field Hockey at the Olympics held in Tokyo in 2021?
Ans
X1. Canada
2. Great Britain
3. Australia
4. Belgium
Q. 6 The 55th Jnanpith Award was won by a $\qquad$ poet.

Ans

1. Malayalam
2. Tamil
3. Telugu
4. Marathi
Q. 7 'Blasting For Runs' is the autobiography of $\qquad$ -.

Ans
$\times 1$

1. GR Viswanath
< 2. Ted Dexter
2. Rohan Kanhai
3. Javed Miandad
Q. 8 Which of the following State Governments declared 'Copper Mahseer' as the state fish in September 2021?
Ans
X1. Nagaland
4. Sikkim

X 3. Maharashtra
4. Kerala
Q. 9 As of September 2021, how many times has the Men's Hockey team of India won a bronze medal at the Summer Olympic Games?

Ans

1. thrice
2. four times
$\times$ 3. five times
$\times 4$. twice
Q. 10 What is the prescribed minimum balance amount (in INR) in a PMJDY (Pradhan Mantri Jan-Dhan Yojana) account?
Ans

- 1. ₹0

X 2. ₹50
X 3. ₹200
X4. ₹100
Q. 11 What is the minimum age to be a member of Lok Sabha?

Ans
$\times 1.35$ years
X2. 20 years

- 3.25 years
4.30 years
Q. 12 Which of the following is the new registration mark introduced by the Ministry of Road

Transport and Highways to facilitate seamless transfer of vehicles across states?
Ans
X1.AB
2. IN
(3. AI
4. BH
Q. 13 Temple architecture in South India attained its climax under the rule of the

Ans

1. Cholas
2. Pandyas
3. Hoysalas
4. Chalukyas
Q. 14 Sex ratio is defined as the number of females per $\qquad$ males in the population.
Ans
$\times 1.100000$
5. 1000
$\times 3.100$
$\times 4.10000$
Q. 15 The annexation of Awadh by Lord Dalhousie took place in the year:

Ans
X 1.1890
(2. 1874
(3. 1850
4. 1856
Q. 16 In which of the following states was the first conference of Sarvodaya Samaj held?

Ans

1. Andhra Pradesh
2. West Bengal
3. Odisha
4. Madhya Pradesh
Q. 17 Which of the following states will host the second edition of the Khelo India University Games?
Ans
$X 1$. West Bengal
X 2. Assam
X 3. Haryana
5. Karnataka
Q. 18 Which of the following is NOT a vector quantity?

Ans
X1. Torque
2. Kinetic energy
3. Impulse
4. Angular momentum
Q. 19 In which of the following years was the Human Rights to Water and Sanitation recognised by the United Nations General Assembly?

Ans

1. 2010
2. 2004
3. 2000
4. 1994
Question ID : 65497838167

Status : | Not Attempted and |
| :--- |
| Marked For Review |

Chosen Option : --
Q. 20 Who among the following is an exponent of the tabla?

Ans

1. Alla Rakha Khan

X 2. Vilayat Khan
X 3. Ali Akbar Khan
X4. Bismillah Khan
Q. 21 In which of the following states is the 'Unakoti' festival celebrated?

Ans1. Kerala
2. Tripura
3. Maharashtra
4. Karnataka
Q. 22 Which of the following soils is rich in lime, iron, alumina and magnesia?

Ans

1. Black soil
2. Arid soil
3. Alluvial soil
4. Red and yellow soil
Q. 23 The 7th Central Pay Commission of the Government of India was made effective from 1 January
Ans
$\times 1.2018$
$\times 2.2017$
5. 2016
6. 2015
Q. 24 Who among the following was the first Finance Minister of the Union of India after independence?
Ans
X 1. MC Chagla
7. Shanmukham Chetty

X 3. Y B Chavan
I
4. Morarji Desai

Question ID : 65497839300 Status : Marked For Review
Q. 25 In Economics, the term that is used to denote the net contribution made by a firm is called its:
Ans $\times 1$. net value
X 2. contribution value
I X 3. firm value
4. value added
Question ID : 65497839286

Status: | Not Attempted and |
| :--- |
| Marked For Review |

Chosen Option: --

Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $07 / 02 / 2022$ |
| Exam Time | 3:00 PM - 4:00 PM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

Q. $1 \mathrm{P}, \mathrm{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{V}, \mathrm{W}, \mathrm{Y}$ and Z are sitting around a circle facing the centre. Z is second to the right of $R$, who is fourth to the right of $P$. $S$ is sitting between $R$ and $Z$. $S$ is third to the left of $Q$. $V$ is the second to the left of $P$, who is between of $W$ and $Q . Y$ is sitting between $R$ and $T$. Who is second to the right of $Z$ ?
Ans
X1. T
X 2.W

- 3. Q

4. P
Q. 2

Select the figure from among the given options that can replace the question mark (2) and complete the pattern (rotation is NOT allowed).

Ans

$\checkmark 1$.

$\times 2$

$\times 3$.

$\times 4$.

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

SNR : QMP :: PGH : ?
Ans
X1.NSG
X 2.RTJ
2. NTF
4. MTF

Question ID : 65497838089
Q. 4 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

EIM, QUY, CGK, ?
Ans
X1. LPT
2. OSW

X 3. SWA
X4.DHL
Q. 5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Graduate
2. Gypsum
3. Geosciences
4. Gradient
5. Gymnasium
6. Geographical

Ans
X1.3,1,6,5,4,2
2. 3, 6, 1, 4, 5, 2
3. $6,3,4,1,5,2$
4. $6,4,3,5,1,2$
Q. 6 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 from the statements.

## Statements:

1. Some Toys are Dolls.
2. All Dolls are Beautiful.
3. All Cars are Toys.

Conclusions:
I. All Cars are Beautiful.
II.Some Toys are Beautiful.

Ans

1. Only conclusion II
follows.
X 2. Only conclusion I follows.
X 3. Neither conclusion I nor II follows.
2. Both conclusions I and II follow.
Q. 7 Seven persons, Giri, Mrunali, Anita, Divija, Jagan, Tiana and Hema, belong to a family. Mrunali is the daughter-in-law of Jagan. Tiana is the grandmother of Divija. Hema is the sister of Jagan's wife. Giri has two children, Anita and Divija. Tiana is the only sibling of Hema. Mrunali has no son.How is Divija related to Jagan?

Ans
X 1 . Sister
X 2. Daughter-in-law
X 3. Daughter
4. Paternal Granddaughter
Q. 8 In a certain code language, 'SIGN' is coded as ' 3614 ', and 'RISK' is coded as ' 7639 '. How will 'KING' be coded in that language?
Ans

1. 9641

X2.3641
$\times 3.9614$
< 4.3461
Q. 9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All balls are rackets.
All rackets are bats.
All bats are pads.
Conclusions:
I. No ball is a pad.
II. All bats are rackets.

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. 10 Which two signs need to be interchanged to make the following equation correct?
$31+69 \div 23 \times 5-83=99$
Ans
X $1 . \div$ and $\times$
5.     - and $x$
6.     + and $x$
7.     - and +
Q. 11 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

486 : 9 :: 464 : ? :: 352 : 5
Ans
$\times 1.8$
$\times 2.9$
$\times 3.6$

- 4.7
Q. 12 In a certain code language, 'HASTY' is coded as ' 2782619 '. How will 'BLAME' be coded in that language?

Ans 1. 2214261525
2. 2213261225
3. 2523262215
4. 2515261422
Q. 13 Select the correct mirror image of the given figure when the mirror is placed at ' $A B$ ' as shown.


Ans

$\times 3$.


Q. 14 How many terms are there in the series $199,208,217, \ldots . .406 ?$

Ans $\times 1.22$
-2. 24
$\times 3.19$
$\times 4.17$
Q. 15 Identify the number that does NOT belong to the following series.

209, 160, 124, 95, 83, 74
Ans

1. 160
2. 124
3. 95
4. 83
Q. 16 Five letter-clusters have been given, out of which four are alike in some manner and one is different. Select the letter-cluster that is different.

WXZ, RSU, MNP, KLM, EFH
Ans
X1.WXZ
X 2. RSU3. KLM
< 4. EFH
Q. 17 Six friends $J, K, L, M, N$ and $O$ are sitting around a circular table facing away from the centre. $M$ and $J$ are not the immediate neighbours of $L$. $L$ is sitting second to the right of $N$. $K$ is sitting to the immediate left of $L$.
Who is sitting third to the right of $\mathbf{N}$ ?
Ans
X1.J
X $2 . \mathrm{M}$

- 3.0

4. K
Q. 18 In a certain code language, 'CACTUS' is written as 'GCGVYU', and 'DAHLIA' is written as 'HCLNMC'. How will 'ORCHID' be written in that language?
Ans
5. STGJMF
6. STHJNF

X 3. STHIMF
X 4. STGKNE
Q. 19 In a certain code language, 'SLICE' is coded as ' 222418310 ', and 'FRIGHT' is coded as '2192018921'. How will 'PLUNGE' be coded in that language?
Ans

1. 22205337
2. 22023537
$\times 3.50215137$
$\times 4.52013157$
Q. 20 If cake is called 'bread', bread is called 'pastry', pastry is called 'coffee', and coffee is called 'cookies', then which product contain caffeine?
Ans
3. bread
4. coffee
5. pastry
6. cookies
Q. 21 Eight persons A, B, C, D, E, F, G and H belong to a family which consists of three generations, including two married couples. $B$ is the mother of $C$. $E$ is the sister of the only son of $C$. $A$ is the paternal grandfather of $G$, who is the daughter of $D$. $D$ is the daughter-in-law of $A$. $H$ is the paternal uncle of $F$, who is the son of $C$. How is $F$ related to $B$ ?

Ans
X 1. Brother
2. Son
3. Grandson
4. Nephew
Q. 22 'Humble' is related to 'Modest' in the same way as 'Enormous' is related to ' $\qquad$ '.
Ans
X 1. Little
X 2. Tiny

- 3. Mammoth

4. Common
Q. 23 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
_cc_d_ch_c_h__ch
Ans
5. hdcdcdc

X 2. dhedccd
X 3. dhdccdc
-
4. dhcdcdc
Q. 24 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

$\times 2$

$\times 3$.

4.

Q. 25 In a certain code language, 'PHASE' is written as 'AEHPS'. How will 'TONIC ' be written in that language?
Ans
X 1 . CONTI
X 2. CIONT

- 3. CINOT
$\times 4$. NCOIT
Q. 1 Select the most appropriate meaning of the given idiom.


## More or less

Ans
X1. exactly
X 2. correctly
3. approximately

X 4. sometimes more, sometimes less
Q. 2 Select the option that expresses the given sentence in active voice.

Let the children be given enough time to read.
Ans
X1. Let the time give enough children to read.
2. Give the children enough time to read.
$\times$ 3. Let us gave the children enough time to read.
X 4. You should have given the children enough time to read.
Q. 3 Select the INCORRECTLY spelt word.

Ans
X1. Graceful
X 2. Gourmet
2. Goverment

X 4. Gracious
Q. 4 Select the most appropriate option to fill in the blank.

The ancient Indian texts $\qquad$ trees and plants to be animate beings that should never be harmed.
Ans

- 1. consider

2. inspect

X 3. extract
X 4. reflect

## Q. 5 Select the most appropriate synonym of the given word.

## Release

Ans
$X 1$. Keep
2. Free
$X$ 3. Hold
X 4. Capture
Q. 6 Select the most appropriate meaning of the given idiom.

On the back burner
Ans

1. To cook a special dish slowly by placing it on the back burner
2. To temporarily not deal with some matter because it is not urgent

X 3. To carry a heavy burden successfully and without complaining
$X 4$. To be unable to complete a task because of a back problem
Q. 7 Select the most appropriate option to fill in the blank.

The king often went on a hunting $\qquad$ in the nearby forest.
Ans
$X$ 1. journey
X 2. march
X 3.tour
4. expedition

## Q. 8 Select the INCORRECTLY spelt word.

Ans
X1. Bedridden
2. Addittional

X 3. Adapt
X 4. Adept
Q. 9 Select the option that expresses the given sentence in indirect speech.

The gardener said, "These roses will bloom early."
Ans
$X$ 1. The gardener said that those roses will bloom early.
2. The gardener said that these roses would bloom early.
3. The gardener said that these roses will bloom early.
4. The gardener said that those roses would bloom early.
Q. 10 Select the option that can be used as a one-word substitute for the given group of words.

The belief that people cannot change or avoid what happens
Ans

1. Fatalism

X 2. Truism
X 3. Heroism
X 4. Populism
Q. 11 Select the most appropriate ANTONYM of the given word.

Recede
Ans
X1. Reduce
X 2. Diminish
X 3. Lessen
4. Enlarge
Q. 12 Select the option that can be used as a one-word substitute for the given group of words.

A given space, time or position
Ans

1. Slot
2. Shot
3. Stuff
4. Stock
Q. 13 Select the most appropriate synonym of the given word.

Condone
Ans

1. Forgive

X 2. Punish
X 3. Scold
× 4. Rejoice
Q. 14 Select the INCORRECTLY spelt word.

Ans
X 1. Insult
$X$ 2. Revere

- 3. Esteam

X 4. Scorn
Q. 15 Select the most appropriate ANTONYM of the given word.

Fasten
Ans
X1. Attach
X 2. Catch
3. Release
4. Connect

## Comprehension:

Read the given passage and answer the questions that follow.
Do you know that fashion accounts for around 10\% of greenhouse gas emissions from human activity?
It is imperative that we educate ourselves about the ways in which we can reduce the impact our wardrobe has on the climate.
We are a society that is addicted to mindless consumerism. Each of us needs to think deeply about the ways and means through which we can reduce our carbon footprint on the environment. Let us begin with our wardrobe. What is it that leads us to over-purchase? Is there an underlying reason for our compulsive buying?
Psychologists say that underlying the impulse to buy is our need for self-esteem, status and belonging. They also say that the impulse to shop is difficult to control with the emergence of online shopping $24 / 7$ over the internet.
One way to beat this is to simply ration the time you spend looking at clothes online. Another way is to open vintage or second-hand clothes stores. The latter can be more successful as it still gives the buyer the thrill of buying and experiencing the sense of reward and fulfillment. In doing so, one slows down the fast-fashion cycle by giving a second life to clothes.
Besides buying less, one can extend the life of our clothes by mending and repairing them. Websites like Love your Clothes encourage this and also offer tips on how to do this. Finally, how one disposes one's worn out clothes at the end of their useful life is also very important. Dumping them only adds to the huge landfills or to increased harmful emissions through incineration. The most environmentally sound way of disposing them is to send them for recycling. Some major manufacturers have now started using recycled fabrics, but it is often hard for consumers to find places to take their old clothes.

SubQuestion No: 16
Q. 16 Love your Clothes is an organisation that works for a sustainable environment by teaching people how to $\qquad$ their clothes.

Ans
X1.buy
$\times 2$ iron
3. repair

X 4. fold

## Comprehension:

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SubQuestion No: 17
Q. 17 The main idea of this text is that one must:

Ans $\times 1$. make manufacturers manage landfills
2. act on ways to reduce one's carbon footprint

X 3. take courses in stitching and repairing clothes
X 4. restrict online shopping only to weekends

## Comprehension:

Read the given passage and answer the questions that follow.
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SubQuestion No: 18
Q. 18 Manufacturers can contribute to the environment by motivating people to return their worn out clothes for:
Ans
. recycling
X 2. advertising
$\times$ 3. washing
X4.burning

## Comprehension:

Read the given passage and answer the questions that follow.
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SubQuestion No : 19
Q. 19 According to the passage, we can all contribute towards a healthy environment by rethinking about our:
Ans

1. garden
2. wardrobe

X 3. kitchen
X 4. bedroom

## Comprehension:

Read the given passage and answer the questions that follow.
Do you know that fashion accounts for around 10\% of greenhouse gas emissions from human activity?
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SubQuestion No: 20
Q. 20 Select the option that does NOT correctly complete the given sentence.

Psychologists state that addictive buying can be a result of the $\qquad$ -.

Ans
X 1. feeling of inferiority and want
X 2. availability of internet and round-the clock shopping
X 3. lack of a sense of belonging
4. new craze for vintage clothes

## Comprehension:

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

There is a fantastic body of evidence which indicates that (1) $\qquad$ brings down the stress chemical and it enhances (2) $\qquad$ happiness chemical. The videos of medicos (3)
$\qquad$ in these gloomy times. Indeed optimism and
in hospital corridors have helped us (4) $\qquad$
(5) $\qquad$ are the need of the hour.

SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank no. 1.

Ans
X1. playfully
2. playfulness

X 3. played
X 4. plays

## Comprehension:

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

There is a fantastic body of evidence which indicates that (1) $\qquad$ brings down the stress chemical and it enhances (2) $\qquad$ happiness chemical. The videos of medicos (3) in hospital corridors have helped us (4) $\qquad$ in these gloomy times. Indeed optimism and (5) $\qquad$ are the need of the hour.

SubQuestion No : 22
Q. 22 Select the most appropriate option to fill in blank no. 2.

Ans
X1. one
X 2 . an
X 3.a
4. the

## Comprehension:

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

There is a fantastic body of evidence which indicates that (1) $\qquad$ brings down the stress chemical and it enhances (2) $\qquad$ happiness chemical. The videos of medicos (3) $\qquad$ in hospital corridors have helped us (4) $\qquad$ in these gloomy times. Indeed optimism and (5) $\qquad$ are the need of the hour.

SubQuestion No: 23
Q. 23 Select the most appropriate option to fill in blank no. 3.

Ans
X 1. crying
X 2. hiding
3. dancing

X 4. operating

## Comprehension:

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

There is a fantastic body of evidence which indicates that (1) $\qquad$ brings down the stress chemical and it enhances (2)
$\qquad$ happiness chemical. The videos of medicos (3) $\qquad$ in hospital corridors have helped us (4) $\qquad$ in these gloomy times. Indeed optimism and
(5) $\qquad$ are the need of the hour.

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank no. 4.

Ans
$\times 1$. get in
2. get off
3. get to
4. get by

## Comprehension:

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

There is a fantastic body of evidence which indicates that (1) $\qquad$ brings down the stress chemical and it enhances (2) $\qquad$ happiness chemical. The videos of medicos (3) in hospital corridors have helped us (4) $\qquad$ in these gloomy times. Indeed optimism and (5) $\qquad$ are the need of the hour.

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in blank no. 5 .

Ans
X 1. negativity
X 2. relativity
3. positivity

X 4. uncertainty

Section : Quantitative Aptitude
Q. 1 If 80 is the fourth proportional to 10,16 and $x$, then the value of $x$ is:

Ans
$\times 1.128$
$\times 2.2$
3. 50
4. 108
Q. 2 If $a+b=2$ and $a b=4$, then find the value of $a^{4}+b^{4}+a b^{3}+b a^{3}$.

Ans
$\times 1.18$
X2. -16
ง. -32
$\times 4.24$
Q. 3 A shopkeeper bought a sofa-set, a centre table and a dining table for $₹ 15,000, ₹ 3,000$ and $₹ 7,000$, respectively. He sold the sofa-set at $20 \%$ profit and the centre table at $15 \%$ profit. At what profit percentage should he sell the dining table to earn $18 \%$ on the whole transaction?
Ans
X1. $12.5 \%$
2. $15 \%$
$\times 3.17 .5 \%$
$\times 4.12 \%$
Q. 4 A shopkeeper sold sarees at $₹ 529$ each after giving an $8 \%$ discount on their marked price. Had he not given the discount, he would have eamed a profit of $15 \%$ on their cost. What was the cost price (in ₹) of each saree?
Ans

1. 500
2. 480

- 3. 540

4. 450
Q. 5 The average of $n$ numbers is 55 . If $70 \%$ of the numbers are decreased by 3 each and the remaining numbers are increased by 5 each, then what is the average of the resulting numbers?
Ans
5. 54.1
6. 53.5
7. 54.4
8. 53.8
Q. 6 Suraj bought 90 articles at $₹ 12.50$ per article. He sold $60 \%$ of them at $₹ 15$ per article and $50 \%$ of the remaining at $₹ 10.50$ per article. At what price (in ₹) per article should he sell the remaining articles to get $20 \%$ profit in the entire transaction?
Ans
<1. 19
$\times 2.18$
-3. 19.50
X 4.18 .60
Q. 7 In a class, the average marks of girls in an examination is 75 and that of the boys is 64 . The average score of the whole class is 68.4. What is the percentage of the girls in the class?

Ans
×1. $50 \%$
2. $66.6 \%$
) 3. $40 \%$
$\times 4.45 \%$
Q. 8 Simplify $(x-2 y)^{3}-6 x y(x-2 y)$.

Ans

1. $x^{3}-8 y^{3}-12 x^{2} y+24 x y^{2}$
2. $x^{3}-8 y^{3}+12 x^{2} y-24 x y^{2}$
3. $x^{3}-8 y^{3}$
4. $x^{3}-8 x^{2} y+16 x y^{2}-8 y^{3}$
Q. 9 What is the difference between the compound interest and simple interest (in ₹, to the nearest integer) on $₹ 12,000$ in 2 years at $8 \%$ per annum, compounded annually?
Ans
-1. 77
$\times 2.76$
$\times 3.98$
$\times 4.97$
Q. 10 A garment company offers two successive discounts of $20 \%$ and $48 \%$ on the list price of the dresses. What is the final sale price (in ₹) of a dress ₹ 6000 ?

Ans 1. 1,920
2. 2,496
3. 2,304
4. 2,850
Q. 11 The average time taken by 6 athletes in a race is 1 minute 50 seconds. The winner completed the race in 1 minute 20 seconds. What is the average time taken by the other 5 athletes?
Ans

1. 1 min 56 s
2. 1 min 55 s
3. 1 min 52 s
4. 1 min 50 s
Q. 12 Two buses cover the same distance moving at speeds of $40 \mathrm{~km} / \mathrm{h}$ and $50 \mathrm{~km} / \mathrm{h}$, respectively. What is the distance covered by each of them (in km ) if the slower bus takes one hour more than the faster bus?
Ans
5. 200
6. 225

अ 3. 216
4. 210
Q. 13 A sum of money amounts to $₹ 16,800$ in one year and to ₹ 17,472 in one and a half years on the basis of interest compounded semi-annually. What is the rate of interest per annum?
Ans
X1.16\%
2. $12 \%$
3. $8 \%$

X4. $4 \%$
Q. 14 If the number 321 a 9246 b is divisible by 72 , then find the value of $\mathrm{a}^{2}-\mathrm{b}^{2}$

Ans
$\times 1.12$
$\checkmark 2.9$
$\times 3.8$
X4. 10
Q. 15 What will be the compound interest on a sum of $₹ 3,750$ when interest is compounded semi-annually at $16 \%$ per annum for one year?

Ans
X1. ₹600
X2. ₹650
X 3. ₹640

- 4. ₹624
Q. 1610 men and 8 women can do a piece of work in $7 \frac{1}{2}$ days whereas 6 men and 9 women can do the same work in 10 days. In how many days will 35 women complete the same work?
Ans
.6

2. 8
3. 10
4. 7
Q. 17 The ratio of the length and breadth of a rectangular garden is $14: 11$ and its perimeter is 800 m . Its area is equal to the area of a circular field. What is the perimeter (in m ) of the circular field? ( Take $\pi=\frac{22}{7}$ )
Ans
X1. 693
$\times 2.682$
X 3. 660

- 4. 704
Q. 18 A takes 84 hours to finish a work. B completes the same work in one-fourth of the time taken by A. What fraction of work will they complete in 12 hours?
Ans

1. $\frac{5}{21}$
2. $\frac{11}{21}$

X 3. $\frac{1}{7}$
4. $\frac{5}{7}$
Q. 19 The ratio of the incomes of $A$ and $B$ is $5: 7$ and the ratio of their expenditures is $3: 4$. If $A$ and $B$ save $₹ 5,000$ and $₹ 9,000$, respectively, then what is the difference (in ₹) between the income of A and two times the savings of B?
Ans

1. 17,000
2. 14,000
3. 15,000
4. 19,000
Q. 20 Find the value of k in the following.
$45 \%$ of $880-\mathrm{k} \%$ of $450=61.2 \%$ of 500
Ans
$\times 1.18$
5. 20
$\times$ 3. 24
X4. 25
Q. 21 Find the sum of all the possible values of k in the number 341 k 145 k so that the number is divisible by 3 .

Ans
X. 15
2. 18
$\times 3.12$
$\times 4.9$
Q. 22 Arvind goes to his school by cycle at a speed of $4 \mathrm{~km} / \mathrm{h}$ and reaches his school 15 minutes late. If he moves at a speed of $4 \frac{1}{2} \mathrm{~km} / \mathrm{h}$, he reaches the school 10 minutes early. What is the distance (in km ) of his school from his home?
Ans
$\times 1.12$
$\times 2.16$
3. 15
$\times 4.14$
Q. 23 Four years ago, the ratio of the ages of $A$ and $B$ was $3: 5$. Six years hence, the ratio of the ages of $A$ and $B$ will be $2: 3$. What is the sum (in vears) of the present ages of $A$ and $B$ ?
Ans
X1. 65
2. 95
$\times 3.90$
-4. 88
Q. 24 The price of notebooks increased by $15 \%$. How many notebooks can be purchased for the amount of money that was sufficient to purchase 253 notebooks?

Ans
$\times 1.215$
X2. 218

- 3. 224

4. 220
Q. 25 A shopkeeper sold 6 shirts of company A for $₹ 4,290$ at $10 \%$ profit and 8 shirts of company B for $₹ 6,156$ at $14 \%$ profit. What was his profit percentage (correct to 2 decimal places)?

Ans 1. $12.32 \%$
2. $12 \%$

X 3. $12.5 \%$
4. $12.75 \%$
Q. 1 The shipyard that built India's Indigenous Aircraft Carrier (IAC) 'Vikrant', which underwent its first trial in August 2021, is located in $\qquad$ —.
Ans

1. Kakinada

X 2. Vishakhapatnam
3. Kochi
4. Mazagaon
Q. 2 Who is the author of the book 'Of Gifted Voice: The Life and Art of M.S. Subbulakshmi'?

Ans
X1. SM Khan
X 2. Sumitra Mahajan
3. Keshav Desiraju

X 4. Chetan Bhagat
Q. 3 Where did the Tebhaga Movement, an indigenous peasant agitation, take place between 1946 and $1947 ?$

Ans
X1. Manipur
2. Maharashtra
3. Bengal
4. Karnataka
Q. 4 The stock of food grains like wheat and rice procured by the government through Food Corporation of India ( FCl ) is called $\qquad$ stock.
Ans

1. buffer
2. public
3. utility
4. corporation
Q. 5 Which of the following temples was built by Queen Lokamahadevi in the 8th century in Karnataka?
Ans $\times 1$. Galaganath Temple
5. Virupaksha Temple

X 3. Jain Narayana Temple
X 4. Papanatha Temple
Q. 6 On which of the following rivers would you find the Massanjore Dam?

Ans $\times 1$. Subarnarekha
2. Mayurakshi
3. Rupnarayan
4. Ajay
Q. 7 In which of the following years did Mahatma Gandhi represent India in the Second Round Table Conference to discuss constitutional reform in India?

Ans

1. 1931
2. 1942
3. 1919
4. 1939
Q. 8 Which of the following African nations does NOT have a coastline along the Indian Ocean?
Ans
5. Ethiopia
6. Somalia
7. Kenya
8. Tanzania
Q. 9 Under which of the following rates can scheduled commercial banks borrow funds overnight from the Reserve Bank of India?
Ans
9. Marginal Standing Facility
10. Cash Reserve Ratio

X 3. Bank Rate
4. Repo Rate
Q. 10 In order to facilitate farmers to get 'right information at right time' in their desired language, a digital platform called $\qquad$ was launched in July 2021.
Ans
X1. Kisan Sathi
< 2. Kisan Santan
3. Kisan Khabar4. Kisan Sarathi
Q. 11 Sugarcane feedstock is readily fermented into $\qquad$ -
Ans

1. ethanol
2. propanol
3. butanol
4. methanol
Q. 12 In which of the following years was Super Over introduced in cricket to replace the bowl-out method to break a tie?

Ans
X1. 1997
-2. 2008
$\times 3.2000$
$\times 4.2018$
Q. 13 Through which of the following does life NOT manifest?

Ans
X1. A barking dog
2. A rolling stone

X 3. A galloping horse
X 4. A valley of flowers
Q. 14 Which of the following vitamin dependent carboxylase is found in the liver?

Ans

1. Vitamin K
2. Vitamin D
3. Vitamin C
4. Vitamin A
Q. 15 Mountaineer Edmund Hillary was of $\qquad$ nationality.
Ans
5. New Zealand
6. Norwegian
7. Australian
8. Scottish
Q. 16 Through which of the following states does the river Brahmaputra NOT flow?

Ans
X 1. Arunachal Pradesh
2. Odisha
3. Assam
4. West Bengal
Q. 17 In February 2021, the Mukhyamantri Vigyan Pratibha Pariksha Scheme has been approved by the cabinet of:

Ans

1. Himachal Pradesh
2. Uttar Pradesh
3. Rajasthan
4. Delhi
Q. 18 Which of the following states is associated with the singing of 'Pankhida' by peasants while working in the fields?
Ans
X1. Punjab
5. Rajasthan

X 3. Haryana
X 4. Himachal Pradesh
Q. 19 Operation was the code name for the police action against the Princely State of Hyderabad in September 1948 by the newly independent republic of India.
Ans
X 1. Vijay
X 2. Smile

- 3. Polo

4. Lotus
Q. 20 R Raja Rithvik became the 70th Grandmaster in September 2021. Which state does he belong to?

Ans
X1. Chennai
X 2. Maharashtra
3. Telangana

X 4. Andhra Pradesh
Q. 21 Which of the following subjects falls under the Union List?

Ans
X 1. Markets and fairs
$\times 2$. Police
3. Defence of India
4. Education
Q. 22 Which of the following banks appointed Actor Pankaj Tripathi as its first brand ambassador in September 2021?
Ans
X1. Reserve Bank of India
2. Fino Payments Bank
3. Yes Bank

I 4. ICICI Bank
Q. 23 Which of the following Articles of the Constitution of India states that there should be President of India?
Ans
X1. Article 45
< 2. Article 78
3. Article 52
4. Article 98
Q. 24 Who among the following succeeded Dantidurga of the Rashtrakuta Kingdom?

Ans $\times$ 1. Indra III
X 2. Govinda III
1
3. Ashoka
4. Krishna I
Q. 25 Who among the following is an off-break bowler and an all-rounder in the game of Cricket?
Ans
X1. Sam Curran
2. Jos Butler

1
3. James Anderson
4. Moeen Ali

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 07/02/2022 |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Selection Post Matriculation Level |

## Section: General Intelligence

Q. 1 Select the correct mirror image of the given combination when the mirror is placed at $P Q$ as shown.

REpOrTING $\left.\right|_{Q} ^{P}$
Ans
$\times$ - ƏИTI тOqヨЯ
2. ЮИTIrOqGЯ
3. ӘИITтOqヨЯ
4. ƏИITrOqGЯ

Question ID: 65497838924
Q. 2 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

6:16:: 7: ? :: 5 : 13
Ans
$\times 1.21$
$\times 2.17$
$\times 3.15$

- 4.19

Question ID: 65497838919
Status : Not Answered Chosen Option: --
Q. 3 'Wax' is related to 'Candle' in the same way as 'Pulp' is related to ' $\qquad$ '.
Ans
X1. Wood
2. Paper
3. Bamboo
4. Tree
Q. 4 In a certain code language, BHOPAL is written as BOHAPL, and KANPUR is written as KNAUPR. How will INDORE be written in that language?
Ans
X1. DNIERO
2. IDNROE

X 3. NIODRE
4. NIODER
Q. 5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Despite
2. Destroy
3. Departure
4. Derivatives
5. Detention

Ans

1. $3,4,1,2,5$
2. 3, 4, 2, 1, 5

X 3.4,3,2,5,1
X4.4,3,1,2,5
Q. 6 In a certain code language, 'RUST' is coded as '7539' and 'SORE' is coded as '3472'. How will 'TRUE' be coded in that language?
Ans
X 1.4372
$\times 2.4732$
X 3.9725

- 4.9752
Q. 7 In a certain code language, 'JUGFUL' is coded as 1021762112, and 'KERNEL' is coded as $\mathbf{1 1 5 1 8 1 4 5 1 2 \text { . How will 'LAPSUS' be coded in that language? }}$
Ans
X 1.12111961129
- 2. 12116192119

X 3. 12161922119
$\times 4.11216192119$
Q. 8 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans

1. CPA
2. LEF
3. BOV
4. WIQ
Q. 9 Eight friends N, O, P, Q, R, S, T, and U are sitting around a circle facing opposite to the centre. $N$ is sitting to the immediate left of $R$ and third to the right of $S$. $T$ is sitting second to the right of $P$ and to the immediate left of $S$. Who is sitting second to the right of N ?
Ans
X1.R
5. P
$\times 3.5$
$\times 4 . \mathrm{T}$
Q. 10 In a certain code language, 'PRAYER' is coded as '7927109' and 'GLOVES' is coded as '143641010'. How will 'SOURCE' be coded in that language?

Ans

1. 10639610
2. 10106369
3. 10641658
4. 10648615
Q. 11 Which two signs should be interchanged to make the given equation correct?
$551 \div 19-16 \times 12+121=100$
Ans
<1. + and $\times$
5. $\div$ and $\times$
6.     + and
7.     - and $\times$
Q. 12 In a certain code language, 'ABUNDANT' is written as 'ACWQGCOT', and 'RELIABLE' is written as 'RFNLDDME'. How will 'MERCIFUL' be written in that language?
Ans
X1. MHTDLHVL
8. MFTFLHVL
9. MFTFJHXL
10. MHTDJHXL
Q. 13 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

Some wickets are carpets.
All carpets are helmets.
Conclusions:
I. All helmets are carpets.
II. All wickets are helmets.

Ans

1. Neither conclusion I nor II follows
2. Only conclusion II follows

Х 3. Only conclusion I follows
X 4. Both conclusions I and II follow
Q. 14 If ' $A \times B$ ' means ' $A$ is the father of $B$ ', ' $A+B$ ' means ' $A$ is the wife of $B$ ', ' $A \div B$ ' means
' $A$ is the daughter of $B$ ', and ' $A-B$ ' means ' $A$ is the son of $B$ ', then how is $M$ related to $P$ in the expression ' $K \div M \times C-P \div Q$ '?
Ans

1. Husband
$\times 2$. Wife
X 3. Sister
X 4. Brother
Q. 15 Select the option that is related to the third term in the same way as the second term is related to the first term.

OBSTACLE : BOXOFXEL :: COLLOSAL : ?
Ans
X1. COGQJXAL
X 2. COQGTNAL
X 3. OCGQJXLA

- 4. OCQGTNLA
Q. 16 Select the figure from among the given options that can replace the question mark (?) and complete the pattern (rotation is NOT allowed).


Ans

$\times 3$.

Q. 17 Select the option in which the given figure is embedded (rotation is NOT allowed).

$\times 2$.

$\times 3$.

$\times 4$.

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

4, 10, 23, 67, 137, ?
Ans
$\times 1.187$
2. 409
$\times 3.209$
X4.150
Q. 19 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

P_L_Q_LM_P_M_Q_M
Ans
X 1. P, L, P, M, Q, L, Q
X 2. L, L, M, P, P, Q, Q
X 3.L, Q, L, M, P, Q, P
4. P, M, Q, P, L, Q, L
Q. 20 There are eight persons - A, B, C, D, P, Q, R and S. All of them are sitting in a straight row and are facing in the south direction but not necessarily in the same order. D sits to the immediate right of $A$. There are only two persons between $B$ and $S$. $A$ is second to the left of $B$, who is fourth from the right corner. The number of persons between $A$ and $P$ is the same as the number of persons between $S$ and $C$. $P$ sits at one corner of the row. $R$ is not a neighbour of $C$, who is to the immediate left of $Q$. How many persons are seated to the left of $Q$ ?
Ans

1. Six
2. Three
$\times 3$. Two
X4. Four
Q. 21 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

EIL, QUX, CGJ, ?
Ans

1. OSV
2. DHK
3. SWZ
4. LPS
Q. 22 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
No watch is a frame.
All frames are shields.
Conclusions:
I. No watch is a shield.
II. No shield is a watch.
III. Some shields are frames.
IV. All shields are frames.

Ans

1. Only conclusion I follows
< 2. Both conclusions I and IV follow
2. Only conclusion III follows

X 4. Both conclusions I and II follow
Q. 23 In a certain code language, HAIR is coded as 108, and NOSE is coded as 159. How will SKIN be coded in that language?
Ans

1. 106
2. 159
$\times 3.137$
< 4.147
Q. 24 ' $Y$ \& $Z$ ' means ' $Y$ is the father of $Z$ '.
' $Y$ \# $Z$ ' means ' $Y$ is the brother of $Z$ ',
' $Y$ @ $Z$ ' means ' $Y$ is the wife of $Z$ '.
' $Y \% Z$ ' means ' $Y$ is the sister of $Z$ '.
' $Y$ \& $Z$ ' means ' $Y$ is the father of $Z$ '.
' $Y$ * $Z$ ' means ' $Y$ is the son of $B$ '.
How is $Y$ related to $T$ in the expression ' $S$ @ $T^{*} X \% Y \& Z$ '?
Ans
X1. Grandfather
X 2. Brother
X 3. Father
3. Maternal uncle
Q. 25 Select the number from among the given options that can replace the question mark (?) in the following series.

264, 136, 72, 40, ?
Ans
$\times 1.20$

- 2.24
$\times 3.26$
$\times 4.28$


## Section : English Language

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

A lions' home
Ans
X1. Pen
X 2. Stable
X 3. Kennel

- 4. Den


## Q. 2 Select the INCORRECTLY spelt word.

Ans $\quad \times 1$. Environment
2. Faithfuly
3. Happened
4. Bombshell

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

Much of my time been wasted.
Ans

1. has
2. is
3. have
4. was
Q. 4 Select the option that expresses the given sentence in indirect speech.
"We are leaving for Singapore tomorrow morning," said Kabir.
Ans
$X 1$. Kabir said that he was leaving for Singapore the next morning.
5. Kabir said that they were leaving for Singapore the next morning.
$X$ 3. Kabir said that they was leaving for Singapore tomorrow morning.
6. Kabir said that they would be leaving for Singapore the next morning.
Q. 5 Select the most appropriate synonym of the given word.

Disaster
Ans

1. Tragedy
$\times 2$. Help
$X$ 3. Blessing
X 4. Joy
Q. 6 Select the option that expresses the given sentence in passive voice.

My father owns a large piece of fertile land.
Ans
X1. A large piece of fertile land has been owned by my father.
X 2. A large piece of fertile land is being owned by my father.
X 3. A large piece of fertile land was owned by my father.
2. A large piece of fertile land is owned by my father.

## Q. 7 Select the most appropriate synonym of the given word.

## Distinguished

Ans

1. Prosperous
2. Obscure
3. Honoured

X 4. Available
Q. 8 Select the INCORRECTLY spelt word.

Ans
$X$ 1. Lesson
2. Leoperd
$X$ 3. Leisure
4. Legislator
Q. 9 Select the most appropriate meaning of the given idiom.

Fall out with someone
Ans
$X$ 1. Plan a trip with someone close
2. Stop being friendly after an argument
$X$ 3. Offer a hand of friendship
4. Enter into a contract with someone
Q. 10 Select the option that can be used as a one-word substitute for the given group of words.

A person who wanders from place to place without a home or job.
Ans
$X$ 1. Truant
2. Vagabond
3. Migrant
4. Refugee
Q. 11 Select the most appropriate option to fill in the blank.

They are facing a $\qquad$ competition in business.
Ans
$X$ 1. bold
$\times 2$. violent
3. angry
4. fierce
Q. 12 Select the most appropriate ANTONYM of the given word.

Starve
Ans

1. Stuff
2. Fast
3. Diet
4. Refrain
Q. 13 Select the most appropriate meaning of the given idiom.

Eye wash
Ans

1. A deception
2. A keen interest

X 3. A close watch
4. A general view
Q. 14 Select the INCORRECTLY spelt word.

Ans
$\times 1$. Language
X 2. Landscape

- 3. Laspe

4. Lantern
Q. 15 Select the most appropriate ANTONYM of the given word.

Prosper
Ans

1. Decline
2. Thrive
3. Flourish
4. Bloom

## 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.

I was brought up in a village. Those days there (1) $\qquad$ no televisions, music systems or VCDs at (2) $\qquad$ Our only luxury was books. I was fortunate (3) $\qquad$ grandparents. My
grandfather was a retired school (4) $\qquad$ and an avid reader. He knew a large (5) $\qquad$ of Sanskrit texts by heart and every night, under the dark sky with the twinkling stars, he would tell me many stories.

SubQuestion No : 16
Q. 16 Select the most appropriate option to fill in blank No. 1.

Ans

* 1. were
$\times 2$ 2. are

3. is
4. was

## Comprehension:

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

I was brought up in a village. Those days there (1) $\qquad$ no televisions, music systems or
VCDs at (2) $\qquad$ . Our only luxury was books. I was fortunate (3) $\qquad$ grandparents. My grandfather was a retired school (4) $\qquad$ and an avid reader. He knew a large (5) of Sanskrit texts by heart and every night, under the dark sky with the twinkling stars, he would tell me many stories.

SubQuestion No: 17
Q. 17 Select the most appropriate option to fill in blank No. 2.

Ans $\times 1$. village
X 2. house

- 3. home

X4. school

## 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.

I was brought up in a village. Those days there (1) $\qquad$ no televisions, music systems or
VCDs at (2) $\qquad$ . Our only luxury was books. I was fortunate (3) $\qquad$ grandparents. My grandfather was a retired school (4) $\qquad$ and an avid reader. He knew a large (5) of Sanskrit texts by heart and every night, under the dark sky with the twinkling stars, he would tell me many stories.

SubQuestion No: 18
Q. 18 Select the most appropriate option to fill in blank No. 3.

Ans

1. to have

X 2. had
X 3. having
X4. have

## Comprehension:

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

I was brought up in a village. Those days there (1) $\qquad$ no televisions, music systems or VCDs at (2) $\qquad$ Our only luxury was books. I was fortunate (3) $\qquad$ grandparents. My grandfather was a retired school (4) $\qquad$ and an avid reader. He knew a large (5) of Sanskrit texts by heart and every night, under the dark sky with the twinkling stars, he would tell me many stories.

SubQuestion No: 19
Q. 19 Select the most appropriate option to fill in blank No. 4.

Ans
X1. student
X 2. professor
X 3. engineer

- 4. teacher


## 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.

I was brought up in a village. Those days there (1) $\qquad$ no televisions, music systems or VCDs at (2) $\qquad$ . Our only luxury was books. I was fortunate (3) $\qquad$ grandparents. My grandfather was a retired school (4) $\qquad$ and an avid reader. He knew a large (5) of Sanskrit texts by heart and every night, under the dark sky with the twinkling stars, he would tell me many stories.

SubQuestion No: 20
Q. 20 Select the most appropriate option to fill in blank No. 5.

Ans
X 1. quantity

* 2. number

X 3. amount
$\times 4$. quality

## Comprehension:

Read the given passage and answer the questions that follow.
The other day I received an unusual and very gratifying gift: I was given a tree or rather, I was given half-a-dozen trees which would be planted on my behalf. I had been invited to give a talk at an organisation. After such events the speaker is usually given a token gift. Sometimes the gift is that of a pen, or something useful. Often, the gift is in the form of a plaque or a similar token. However well-meant, such gifts are destined to gather dust in forgotten corners. Which is why I was agreeably surprised to be given a scroll which attested that, on a designated plantation established for the purpose, trees would be added in my name as part of the 'green' movement sponsored by the organisation.
In an increasingly environment conscious world, the gift of a living tree or plant makes for a perfect present. The tradition of giving and receiving gifts has increasingly become a highly evolved marketing exercise. Apart from festivals like Diwali, Holi, Christmas, Eid and others, a whole new calendar of celebration events has been created to promote the giving of gifts: Mother's Day, Father's day, Teacher's day, Valentine's Day and so on.
What do you give to people - friends, relatives, spouses, children, parents, employees, clients, well-wishers who more or less have everything or at least everything that you could afford to give them as a gift?
Another box of chocolates? Another bottle of scent or after-shave? Another shirt or a kurta? Another another?
Thinking of unusual and pleasing presents which are also affordable is a full-time job. Like wedding planners and planners of theme parties, gift planners who select and make up gift packages for you to give on occasions like marriages and corporate events-are doing increasingly good business.
However, the best planned gifts of mine and thine often go awry. How often particularly during the so called 'festive seasons' when gift giving and gift receiving reach epidemic proportionshave you had the embarrassing experience of getting back as a present a gift you yourself had given to someone who, having no use for it and not realising that it was you who had gifted it to begin with had unwittingly returned your gift to you? Like musical chairs, musical gifts only too often go round and round.
This is true not only at the individual but also at the level of the state. Diplomatic protocol also demands exchange of gifts according to culture and tradition. Such tokens like the numbers of crudely made miniature Taj Mahals that India has presented to the reluctant hands of foreign guests must fill entire godowns across the globe.
How much more preferable a living tree than a crude model of the Taj possibly made of marble from an unauthorised quarry? If the giving of tree sapling were to be institutionalised, it could lead to another green revolution in the lucrative and growing field of gift giving, with a new, eco-friendly industry taking root in plantations and nurseries specially created for the purpose. People could feel good looking at the certificate that trees had been planted in their names. Next birthday, give someone you love a tree and one day the two of you might sit under the shade of the same tree

SubQuestion No: 21
Q. 21 Which of the following is NOT mentioned in the passage as an occasion for giving gifts?
Ans
X 1. Mother's Day
X 2. Teacher's Day

- 3. Children's Day

X 4. Father's Day

## Comprehension:

Read the given passage and answer the questions that follow.
The other day I received an unusual and very gratifying gift: I was given a tree or rather, I was given half-a-dozen trees which would be planted on my behalf. I had been invited to give a talk at an organisation. After such events the speaker is usually given a token gift. Sometimes the gift is that of a pen, or something useful. Often, the gift is in the form of a plaque or a similar token. However well-meant, such gifts are destined to gather dust in forgotten corners. Which is why I was agreeably surprised to be given a scroll which attested that, on a designated plantation established for the purpose, trees would be added in my name as part of the 'green' movement sponsored by the organisation.
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Mother's Day, Father's day, Teacher's day, Valentine's Day and so on.
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SubQuestion No: 22
Q. 22 'Another box of chocolates? Another bottle of scent or after-shave?' What does the word 'another' signify here?
Ans $\times 1$. It is another item that will complete the receiver's collection.
X 2. It is another item of great value which will be cherished.
3. It is just another addition to the things already possessed.
4. It is another special gift that will make the receiver happy.

## Comprehension:

Read the given passage and answer the questions that follow.
The other day I received an unusual and very gratifying gift: I was given a tree or rather, I was given half-a-dozen trees which would be planted on my behalf. I had been invited to give a talk at an organisation. After such events the speaker is usually given a token gift. Sometimes the gift is that of a pen, or something useful. Often, the gift is in the form of a plaque or a similar token. However well-meant, such gifts are destined to gather dust in forgotten corners Which is why I was agreeably surprised to be given a scroll which attested that, on a designated plantation established for the purpose, trees would be added in my name as part of the 'green' movement sponsored by the organisation.
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SubQuestion No: 23

## Q. 23 What inference can be drawn from the passage?

Ans 1. Tree saplings could become a revolutionary gifting idea.
X 2. Gifts given by organisations as tokens are completely useless.
X 3. Gifts received from friends and family should not be passed on.
X 4. Crude models of the Taj Mahal are exquisite gifts for foreign dignitaries.
Question ID : 65497838951
Status : Answered
Chosen Option : 1

## Comprehension:

Read the given passage and answer the questions that follow.
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SubQuestion No : 24
Q. 24 What is customarily gifted to a guest speaker by organisations?

Ans $\times 1$. Shirt
X 2. Perfume
3. Plaque

X4. Chocolates

## Comprehension:

Read the given passage and answer the questions that follow.
The other day I received an unusual and very gratifying gift: I was given a tree or rather, I was given half-a-dozen trees which would be planted on my behalf. I had been invited to give a talk at an organisation. After such events the speaker is usually given a token gift. Sometimes the gift is that of a pen, or something useful. Often, the gift is in the form of a plaque or a similar token. However well-meant, such gifts are destined to gather dust in forgotten corners. Which is why I was agreeably surprised to be given a scroll which attested that, on a designated plantation established for the purpose, trees would be added in my name as part of the 'green' movement sponsored by the organisation.
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SubQuestion No: 25
Q. 25 What was the speaker's unusual gift?

Ans $\times 1$. Sponsorship of the green movement
X 2. A plantation with fruit trees
X 3. Half a dozen full-grown trees

- 4. Trees to be planted in his name

Section : Quantitative Aptitude
Q. 1 A train is running at a speed of $86 \mathrm{~km} / \mathrm{h}$ on a straight railway rrack and a small car on a parallel road is running at a speed of $40 \mathrm{~km} / \mathrm{h}$. How long (in s) will the train take to cross the car completely if the train is 490 m long and they are running in opposite directions?

Ans
X1. 18
2. 14
3. 15
4. 21
Q. 2 What sum of money will amount to ₹ 7,830 in 6 years at the rate of $7.5 \%$ per annum simple interest?

Ans

1. ₹ 5,400
2. ₹ 4,800
3. ₹ 6,300
4. ₹ 4,500
Q. 3 If $a+b+c=1, a b+b c+c a=-8$ and $a^{3}+b^{3}+c^{3}=-11$, then what is the value of $\frac{a}{b c}+\frac{b}{a c}+\frac{c}{a b}$ ?

Ans

1. $\frac{4}{3}$
2. $\frac{-17}{12}$
3. $\frac{7}{12}$
4. $\frac{-5}{4}$
Q. 4 A rectangle of length 14 cm and breadth 7 cm is rotated about its shorter side to form a cylinder. What is the volume (in $\mathrm{cm}^{3}$ ) of the cylinder so generated?
(Take $\pi={ }_{7}^{22}$ )
Ans
$\times 1.3234$
$\times 2.2156$

- 3. 4312
$\times 4.5390$
Q. 5 There are 35 girls and 15 boys in a music club. 10 new girls join the club. What is the percentage of girls in the club now?
Ans
X1. $80 \%$
X2. $60 \%$
$\times$ 3. $65 \%$
- 4. $75 \%$
Q. 6 A, B and C can complete a certain work in 12,15 and 20 days, respectively. A and B together start the work and B leaves after working for 4 days. A and C together will complete the remaining work in $\qquad$ days.

Ans

1. three
2. six
3. five
$X$ 4. four
Q. 7 A shopkeeper bought 56 dozen eggs at $₹ 2.50$ per egg. 120 eggs broke in transportation. He sold the remaining eggs at ₹ 2.75 each. What is his profit or loss per cent?
Ans
$\times 1$. Profit of $8 \frac{16}{19} \%$
X 2. Loss of $8 \frac{16}{19} \%$
4. Loss of $9 \frac{9}{14} \%$

X4. Profit of $9 \frac{9}{14} \%$
Q. 8 If $5 A=6 B=9 C$, what is $A: B: C$ ?

Ans
X1. $10: 18: 15$

- 2. $18: 15: 10$

X 3. $15: 10: 18$
X4. $5: 6: 9$
Q. 9 What is the simple interest (in ₹) earned on ₹ 12,400 at the $6 \%$ per annum for 15 months?

Ans

1. 1,020
2. 840

- 3. 930

X4. 750
Q. 10 A train crosses a 1000 m long bridge in 52 seconds and another 700 m long bridge in 40 seconds. Assuming the train is munning at a uniform speed, what is the speed (in $\mathrm{km} / \mathrm{h}$ ) of the train?

Ans

1. 90
2. 84
3. 102
4. 108
Q. 11 A man spends $₹ 78,000$ per month from his salary. He saves $40 \%$ of his salary. What is his salary (in ₹) for the whole year?
Ans 1. $6,50,000$
5. $15,60,000$
6. $13,00,000$
7. $5,20,000$
Q. 12 The savings of a man is equal to $20 \%$ of his expenditure. If his income increases by $25 \%$ and expenditure increases by $18 \%$, then his savings will increase by:

Ans

1. $60 \%$
2. $50 \%$
$\times$ 3. $37.5 \%$
X4. $7 \%$
Q. 13 Find the smallest 4-digit number divisible by 8 , formed using the digits $0,2,3,4,6,8$ without any repetition.

Ans

1. 2048
2. 2408
3. 3024
4. 2034
Q.14 A man buys orange at 18 for $₹ 135$ sells then at 11 for $₹ 90$. How many oranges must he sell to gain $₹ 150$ ?

Ans
X1. 242
X2. 240

- 3. 220

X4. 198
Q. 15 What is the difference between the compound interest on $₹ 8,000$ at $15 \%$ p.a. for 2 years when the interest is compounded yearly and when compounded 8 -monthly?

Ans
X1. ₹70
$\times 2$ ₹ 72
X 3. ₹75

- 4. ₹68
Q. 16 In a class of 80 students, $40 \%$ are boys and the rest are girls. The average score in mathematics of all the students is 72 If the average score of the girls is 66 , then what is the average score of the boys?

Ans
X1. 84
2. 81

- 3. 78

4. 80
Q. 17 A store announces a discount of $27 \%$ and then allows another discount of $18 \%$. What is the final sale price (in ₹, to the nearest integer) of a bed whose marked price is $₹ 37,000$ ?

Ans

1. 30,340
2. 22,148
3. 28,675
4. 27,010
Q. 18 The average age of 29 students of a class and their teacher is 14 years. When the teacher's age is excluded, the average age of the students decreases by 1 year. What is the age (in years) of the teacher?
Ans
X1. 41
$\checkmark 2.43$
$\times 3.42$
$\times 4.45$
Q. 19 The average money $P$ and his seven friends have is $₹ 450$. If $P$ has $₹ 120$ more than the average money of his seven friends, how much money (in ₹) does P have?

Ans
X1. 500
2. 555
3. 420
$\times 4.570$
Q. 20 If 9 men and 6 women working together can do six times as much work per hour as 1 man and 2 women working together, then the ratio of the work done by 1 man to that of 1 woman in a given time is:
Ans

1. $1: 3$
2. 2:1
$\times$ 3. $2: 3$
X4. 1:4
Q. 21 A second-hand car was sold at a profit of $25 \%$. Had it been sold for $₹ 26,875$ less, the profit would have been $12 \%$ What is the cost price (in $₹$, to the nearest integer) of the car?
Ans
3. $2,06,731$
4. $2,46,731$
5. $2,66,730$
6. $2,16,730$
Q. 22 Find the number nearest to 34581 which is divisible by 9 .

Ans
X1. 34589
X 2. 34580
X 3. 34582
-4. 34578
Q. 23 A toy is sold for ₹ 580.80 after giving two successive discounts, each of $x \%$. If the marked price of the article is ₹750. then what is the value of $x$ ?

Ans
X1. 9
2. 12
3. 12.5
4. 10.5
Q. 24

Simplify $\frac{\sqrt{5}-\sqrt{3}}{\sqrt{5}+\sqrt{3}}-\frac{\sqrt{5}+\sqrt{3}}{\sqrt{5}-\sqrt{3}}$ :
Ans

$$
\text { 1. }-2 \sqrt{15}
$$

X2. $-\frac{17}{4}$
3. -1
4. $2 \sqrt{15}$
Q. 25 A certain sum is divided among $A, B$ and $C$ in such a way that the ratio of shares of $A$ and $B$ is $3: 4$ and that of shares of $C$ and $B$ is $9: 5$. If the difference between the shares of $A$ and $C$ is $₹ 462$, then the sum (in $₹$ ) is.

Ans

1. 1,500
2. 1,540
3. 1,520
4. 1,562

Section: General awareness
Q. 1 The $\qquad$ Hills are part of the Patkai mountain range in Mizoram.
Ans

1. Shivalik
2. Lushai3. Palani
3. Cardamom
Q. 2 Which of the following countries did Prime Minister Narendra Modi personally visit to take part in the QUAD Summit in September 2021?
Ans
X1. Australia
X 2. Japan
X 3. Canada
4. The US
Q. 3 What is the atomic number of lithium?

Ans
$\times 1.7$
2.3
$\times 3.11$
$\times 4.15$

Question ID : 65497839187
Status : Not Answered
Chosen Option: --
Q. 4 How many silver medals were won by India at the Paralympic Games held in Tokyo in 2021?

Ans
$\times 1.9$
<2. 6

- 3.8
4.7
Q. 5 Which of the following is NOT a statutory body in India?

Ans
X1. National Commission for Minorities
2. Union Public Service Commission
3. National Human Rights Commission
4. Securities and Exchange Board of India
Q. 6 Which of the following monuments is NOT located in the state of Tamil Nadu?

Ans

1. Gol Gumbaz

X 2. Mahabalipuram Rathas
X 3. Vivekananda Rock Memorial
X 4. Brihadeeswarar Temple
Q. 7 The 'Krushak Assistance for Livelihood and Income Augmentation' (KALIA) scheme of the Government aims to accelerate agricultural prosperity and reduce
poverty in the State.
Ans
X1. Assam
X 2. Bihar
3. West Bengal
4. Odisha
Q. 8 Mirabai Chanu was roped in as the brand ambassador of $\qquad$ in August 2021.
Ans
X1. Priyagold
X 2. Nike

- 3. Amway India

X4.Emami
Q. 9 In the context of banking, what does ' $F$ ' stand for in NEFT?

Ans
X1. Fiscal
X 2. Flexible
3. Funds
4. Financial

Question ID : 65497838980
Status : Answered
Chosen Option : 1
Q. 10 'Prayaga Prashasti' was composed by Harisena in:

Ans

1. Sanskrit
2. Pali
3. Magadhi
4. Braj Bhasha
Q. 11 Which of the following words is connected to a style of architecture?

Ans
X1. Vishti
2. Vesara

X 3. Adimai
4. Sreni
Q. 12 Which of the following has the same dimension as that of torque?

Ans
X 1. Force
< 2. Power
3. Energy
4. Angular Momentum
Q. 13 Which of the following states does NOT fall under the statutory Eastern Zonal Council set up under the States Registration Act?

Ans
X1. Jharkhand
2. Chhattisgarh

X 3. Bihar
X 4. West Bengal
Q. 14 Who is the author of the novel 'A Burning'?

Ans

1. Megha Majumdar
2. Jhumpa Lahiri
3. Kiran Desai
4. Amitav Ghosh
Q. 15 Given below are the names of three states:
(a) Punjab,
(b) Haryana,
(c) Odisha.

In which of the given states is rice a subsistence crop?
Ans

1. (a) and (b)
2. (a) and (c)
3. Only (c)
4. Only (a)
Q. 16 In September 2021, which of the following banks partnered with Bajaj Allianz General Insurance for the distribution of their non-life insurance products across the country?
Ans
5. ICICI Bank
6. SBI
7. HDFC Bank
8. India Post Payments Bank
Q. 17 What was the total weight (snatch plus jerk in kg ) lifted by Mirabai Chanu in her silver medal winning triumph at the Summer Olympics held in Tokyo in 2021?
Ans
X1. 198
X2. 196
X 3.200
9. 202
Q. 18 Identify the crop based on the following information. It is known as the golden fibre. It grows well on well-drained fertile soils in the flood plains where soils are renewed every year.

Ans
X1. Coffee
X 2. Cotton
X 3. Wheat

- 4. Jute
Q. 19 The Iranian ruler Darius penetrated into north-west India in $\qquad$ and annexed Punjab, west of the Indus, and Sindh.
Ans
1.516 BC

X2.261 BC
X 3.563 BC
4.712 AD
Q. 20 As per the data provided by the Ministry of Statistics and Programme Implementation, what per cent of growth has been registered in the GDP during the first quarter of the Financial Year 2021-22?
Ans

1. Just above 20\%

X 2. Just below 15\%
X 3. Just above 15\%
4. Just below 20\%
Q. 21 In the context of the NIPUN Bharat Programme (Ministry of Education) launched in July 2021, what does 'P' stand for in NIPUN?
Ans
X1. Promotion
X 2. Progressive
X 3. Productivity
4. Proficiency
Q. 22 The state of Malwa was situated on the high plateau between the rivers:

Ans
X 1. Krishna and Kaveri
X 2. Mahanadi and Baitarani
3. Narmada and Tapti

Х 4. Godavari and Shravasti
Q. 23 the following are three processes of reproduction in plants:
(a) Vegetative,
b) Sexual,
c) Asexual

Which of them is adopted by algae?
Ans
X1. (a) and (c)
2. Only (b)
3. (a), (b) and (c)
4. Only (a)
Q. 24 Who among the following was appointed as the Indian Air Force (IAF) Chief in September 2021?
Ans

1. RKS Bhadauria
2. Manoj Naravane
${ }^{1}$
3. Karambir Singh
4. VR Chaudhari
Q. 25 An 18-metre statue of Lord Gomateshwara is located in:

Ans $\times 1$. Thanjvur
2. Suchindram
3. Shravanabelagola
4. Tirunelveli

Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $07 / 02 / 2022$ |
| Exam Time | 12:00 PM - 1:00 PM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

Q. 1 Which two signs should be interchanged to make the given equation correct?
$12+156 \div 13 \times 6-100=50$
Ans
< $1 . \div$ and $\times$
2. + and $\times$
3. - and $x$
4. $\div$ and -

Question ID: 65497838614
Status : Answered
Chosen Option : 2
Q. 2

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

Ans

$\times 1$

$\times 2$

$\times 3$

$\checkmark 4$.

Q. 3 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

$\times 2$.

$\checkmark 3$.

$\times 4$.

Q. 4 Rita is the mother of Kavita. Kavita is the mother of Nishu. Pankaj is the brother of Nishu's mother.
How is Rita related to Pankaj?
Ans
X 1 . Daughter

- 2. Mother

X 3. Grandmother
$\times 4$. Sister
Q. 5 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Estranged
2. Estate
3. Establish
4. Esteem
5. Estimate

Ans
X1.3,4, 2, 5, 1
X 2. 4, 3, 2, 1, 5
3. 3, 2, 4, 5, 1
4. $4,2,3,1,5$
Q. 6 Dayakar, who is the child of Sukumar, is married to Priya. Baidehi is the daughter of Sukumar. Sukumar is the paternal grandfather of Garima. Baidehi is unmarried. Raghu is the only son of Dayakar. Priya has two children and one of them is married to Nikita. How is Dayakar related to Nikita?
Ans
X1. Son
2. Husband
(3. Father
4. Father-in-law
Q. 7 Select the correct mirror image of the given combination when the mirror is placed at PQ as shown.

T 2 URBuLENcE $\left.\right|_{\mathbf{Q}} ^{P}$
Ans

1. ヨ ๑ИG」 ЯЯUST



Q. 8 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
_cb_a_b_a_b__c_da
Ans
X 1. adcdcadb

- 2. adcdcdab

X 3. adcddcab
X4. adcdcdba
Q. 9 Select the number from among the given options that can replace the question mark (?) in the following series.
$3,23,33,43,58,88$, ?
Ans
$\times 1.136$
X2. 153
$\times 3.135$

- 4.163
Q. 10 In a certain code language, LION is coded as 12-9-15-14, and GOAT is coded as 7-15-120. How will LAMB be coded in that language?

Ans
X1.11-1-12-2
X 2.11-1-12-3
X 3.12-2-14-3

- 4. 12-1-13-2
Q. 11 In a certain code language, ' $Y$ ' is coded as 225, and ' $Q$ ' is coded as 1017. How will ' $T$ ' be coded in that language?
Ans
X 1.618
$\times 2.216$
- 3.720
4.621
Q. 12 In a certain code language, 'ALGORITHM' is written as 'AGLOYHIMT'. How will 'MALICIOUS' be written in that language?
Ans
X1. MALIXUISO

2. AILMJIOSU

X 3. ALIMJISOU
X 4. MLAIXUISO
Q. 13 In a certain code language, 'GARDEN' is coded as ' 719425 ', and 'KINLEY' is coded as '235327'.How will 'SLUMBER' be coded in that language?
Ans
X 1.19313229
$\times 2.19313259$

- 3.10354229

4. 10334259
Q. 14 Six girls are sitting in a circular pattern facing the centre. Priti is to the immediate right of Dolly. Aashi is between Nisha and Navya. Dimpy is between Dolly and Nisha. Who is to the immediate right of Navya?
Ans
5. Priti
6. Dolly
7. Aashi

X4. Nisha
Q. 15 In a certain code language, 'SLATE' is written as 'TNDXJ', and 'STARK' is written as 'TVDVP'. How will 'BLEAT' be written in that language?

Ans

1. CNHEY
2. CMGFZ
3. CMHEZ
4. CMGFY
Q. 16 In a certain code language, 'DENTIST' is written as 'GHQTKUV', and 'TEACHER' is written as 'WHDCJGT'. How will 'BROTHER' be written in that language?

Ans
X1.EURGLIV
2. GTQVJGT
3. EURTJGT
4. EURWNKX
Q. 17 Select the number from among the given options that can replace the question mark
(?) in the following series.
$4,8,16,64,36,216,64, ?$
Ans

- 1.512
$\times 2.432$
$\times 3.343$
4.729
Q. 18 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans
<1. VXZ
- 2. MOP

X 3. QSU
X 4. HJL
Q. 19 Select the option that is related to the third term in the same way as the second term is related to the first term.

EIGHT: ICLEX :: DETAIL : ?
Ans
X 1. EZAEHP
2. EIZPEP
( 3. EAZHEP
4. EZIEPP
Q. $20 \mathrm{G}, \mathrm{H}, \mathrm{I}, \mathrm{J}, \mathrm{K}$ and L are sitting in a row facing south. H is to the immediate left of $\mathrm{I} . \mathrm{I}$ is fourth to the left of $G$. $K$ is the neighbour of $L$ and $J$. The person who is third to the right of $J$ is at one of ends. Who is to the right of K ?
Ans
X1.J
2. L
3. H
4. 1
Q. 21 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

53 : 15 :: 84 : ? :: 62 : 12
Ans
$\times 1.34$

- 2.32
$\times 3.42$
$\times 4.46$

Question ID : 65497838001
Status:
Not Attempted and Marked For Review
Chosen Option : --
Q. 22 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BYE, CVG, ERI, ?, LGM
Ans

1. HMK

X 2. HLK
X 3. GMI
X 4. GLJ
Q. 23 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

All rectangles are trapeziums.
All circles are trapeziums.
Conclusions:
I. Some rectangles being circles is a possibility.
II. Some trapeziums are rectangles.

Ans
X 1. Only conclusion II follows
X 2. Only conclusion I follows
3. Both conclusions I and II follow

X 4. Neither conclusion I nor conclusion II follows
Q. 24 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 from the statements.

## Statements:

All calculators are compasses.
All compasses are watches.
Some watches are bags.
Conclusions:
I. Some bags are compasses.
II. Some watches are calculators.
III. Some compasses are calculators.

Ans

1. Only conclusions II and III
follow.
X 2. Only conclusions I and III follow.
X 3. All conclusions I, II and III follow.
X 4. Only conclusions I and II follow.
Q. 25 'Thirst' is related to 'Water' in the same way as 'Illness' is related to ' $\qquad$ '.
Ans
2. Doctor

X 2. Investigation
X 3. Hospital
2 4. Medicine

## Section : English Language

Q. 1 Select the most appropriate ANTONYM of the given word.

Filthy
Ans
X1. Soiled
2. Dirty
3. Clean
4. Black
Q. 2 Select the most appropriate synonym of the given word.

Recapitulate
Ans

1. Enlarge
< 2. Elaborate
2. Prolong
3. Summarize

## Q. 3 Select the most appropriate word to fill in the blank.

I don't have enough money to $\qquad$ photography as a serious hobby.
Ans

1. pursue
2. assist
3. enliven
4. untie
Q. 4 Select the most appropriate option to fill in the blank.

He isn't very fond of reading, $\qquad$ ?
Ans
$X 1$. has he
2. is he
$X$ 3. isn't it
$\times$ 4. aren't he
Q. 5 Select the most appropriate meaning of the given idiom.

Take a toll
Ans
X 1. To warn someone
2. To harm or damage
$X$ 3. To take notice
$\times 4$. To ring a bell
Q. 6 Select the INCORRECTLY spelt word.

Ans

1. Electrnone

X 2. Efficient
X 3. Eleven
X4. Edge

## Q. 7 Select the most appropriate ANTONYM of the given word.

## Humble

Ans

1. Arrogant
2. Poor
3. Modest
4. Meek
Q. 8 Select the most appropriate meaning of the given idiom.

Learn the ropes
Ans
X 1. To have a talent for magic tricks
2. To learn how to do a job or activity
$X$ 3. To pretend one is trained in something
X 4. To be good with rope exercises
Q. 9 Select the option that can be used as a one-word substitute for the given group of words.

The young one of a sheep
Ans

1. Lamb

X 2. Kid
$\times$ 3. Kitten
X 4. Cub
Q. 10 Select the option that expresses the given sentence in direct speech.

The stranger asked where he could spend the night.
Ans

1. The stranger said, "Where can I spend the night?"
2. The stranger said, "Where I can spend the night?"
3. The stranger said, "Where I could spend the night?"
4. The stranger said, "Where he could spend the night?"
Q. 11 Select the INCORRECTLY spelt word.

Ans
X 1. Resistance
X 2. Pendant
X 3. Resplendent
4. Seperate
Q. 12 Select the option that can be used as a one-word substitute for the given group of words.

A place where bread and cakes are made
Ans

1. Eatery
2. Larder
3. Bakery
4. Pantry
Q. 13 Select the most appropriate synonym of the given word.

Jostle
Ans

1. Shove
2. Control
3. Hinder

X4. Swallow
Question ID : 65497838522

Status : | Not Attempted and |
| :--- |
| Marked For Review |

Chosen Option: --
Q. 14 Select the option that expresses the given sentence in passive voice.

We accept all credit cards.
Ans
X 1 . All credit cards are being accepted by us
2. All credit cards are accepted by us.

X 3. All credit cards were accepted by us.
X 4. All credit cards have been accepted by us.
Q. 15 Select the wrongly spelt word.

Ans

1. eleborate
2. election
3. electric
4. elastic

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

Radio Talk is a kind of writing that is in some ways (1) $\qquad$ to a magazine or feature article. However, in this case, the radio talk is (2) $\qquad$ written for the radio. Although talks are usually based on one's (3) $\qquad$ experiences yet they must be of general interest to a wider (4) $\qquad$ .The key is to have an interesting opening so that it grabs the listener's (5) $\qquad$ -

SubQuestion No: 16
Q. 16 Select the most appropriate option to fill in blank no. 1.

Ans
X 1 . singular
2. similar

X 3. varied
X 4. unlike

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

Radio Talk is a kind of writing that is in some ways (1) $\qquad$ to a magazine or feature article. However, in this case, the radio talk is (2) $\qquad$ written for the radio. Although talks are usually based on one's (3) $\qquad$ experiences yet they must be of general interest to a wider (4) $\qquad$ .The key is to have an interesting opening so that it grabs the listener's (5) $\qquad$ .

SubQuestion No: 17
Q. 17 Select the most appropriate option to fill in blank no. 2.

Ans
X 1 . incidentally
X 2. automatically
X 3. questionably
4. specifically

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

Radio Talk is a kind of writing that is in some ways (1) $\qquad$ to a magazine or feature article. However, in this case, the radio talk is (2) $\qquad$ written for the radio. Although talks are usually based on one's (3) $\qquad$ experiences yet they must be of general interest to a wider
(4) $\qquad$ .The key is to have an interesting opening so that it grabs the listener's (5) $\qquad$ .

SubQuestion No: 18
Q. 18 Select the most appropriate option to fill in blank no. 3.

Ans
X 1 . indifferent

- 2. personal

X 3. public
X4. alien

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

Radio Talk is a kind of writing that is in some ways (1) $\qquad$ to a magazine or feature article. However, in this case, the radio talk is (2) $\qquad$ written for the radio. Although talks are usually based on one's (3) $\qquad$ experiences yet they must be of general interest to a wider
(4) $\qquad$ .The key is to have an interesting opening so that it grabs the listener's (5) $\qquad$ —.

SubQuestion No : 19
Q. 19 Select the most appropriate option to fill in blank no. 4.

Ans
X 1. crowd
X 2. company
3. audience

X4. congregation

## Comprehension:

In the following passage some words have been deleted. Read the passage carefully and select the most appropriate option for each blank.

Radio Talk is a kind of writing that is in some ways (1) $\qquad$ to a magazine or feature article. However, in this case, the radio talk is (2) written for the radio. Although talks are usually based on one's (3) $\qquad$ experiences yet they must be of general interest to a wider (4) $\qquad$ .The key is to have an interesting opening so that it grabs the listener's (5) $\qquad$ -

SubQuestion No: 20
Q. 20 Select the most appropriate option to fill in blank no. 5 .

Ans
$\times 1$. indifference
X 2. neglect
3. attention4. disregard

## Comprehension:

Read the given passage and answer the questions that follow.
One would imagine that at the very sight of the panther, deer, antelopes and its other preys would just run for their lives. Nothing of the sort! They all stand their ground and make such a loud noise that the panther is left with no other choice except to leave quietly. I have seen a tiny chital baby standing in the middle of an opening in the forest, stamping its feet on the ground and shooing away a tiger. With the white of its erect tail showing, it kept up its shrill call until the tiger made itself scarce. No tiger in its senses would attempt to catch such an impertinent brat, just as you would not dream of catching an offending crow cawing away in your veranda.
While the panther sticks to cover and hugs the edge of the forest, the game animals, on the other hand, like to assemble right out in open vast grazing grounds. Open spaces which the panther carefully avoids, are what the game animals deliberately seek.
It is difficult to describe the pandemonium kicked up by various animals when they spot or suspect a panther around. The chital strikes a shrill note, the kakar emits a deafening bark and the sambar rings a bell. The peacock on its perch, the jungle fowl on the ground, and the monkey on treetops, all join in the chorus of condemnation of the panther. They curse the panther in their own inimitable language. The resulting confusion of sounds is so irritating to the sharp ears of the panther that it is left with no other option except to go away.
The panther has thus to deal with its ever alert and watchful associate who show no mercy and expect none. It is a fight between finesse and flight, between clever attack and skilful defence.
Contrary to the common belief, the panther never springs upon its prey suddenly. It stalks as close to its victim as it can manage, and then makes the final dash by rushing at it at a lightning speed.

SubQuestion No: 21
Q. 21 How do smaller animals force the panther to back off?

Ans
X 1 . By always being watchful and alert
2. By raising a shrill chorus of sounds

X 3. By attacking it collectively
X 4. By assembling in the open grasslands

## Comprehension:

Read the given passage and answer the questions that follow.
One would imagine that at the very sight of the panther, deer, antelopes and its other preys would just run for their lives. Nothing of the sort! They all stand their ground and make such a loud noise that the panther is left with no other choice except to leave quietly. I have seen a tiny chital baby standing in the middle of an opening in the forest, stamping its feet on the ground and shooing away a tiger. With the white of its erect tail showing, it kept up its shrill call until the tiger made itself scarce. No tiger in its senses would attempt to catch such an impertinent brat, just as you would not dream of catching an offending crow cawing away in your veranda.
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SubQuestion No : 22
Q. 22 Which of these animals produces a deafening bark to ward off panthers?

Ans

1. Kakar

X 2. Chital
X 3. Monkey
X 4. Sambar

## Comprehension:

Read the given passage and answer the questions that follow.
One would imagine that at the very sight of the panther, deer, antelopes and its other preys would just run for their lives. Nothing of the sort! They all stand their ground and make such a loud noise that the panther is left with no other choice except to leave quietly. I have seen a tiny chital baby standing in the middle of an opening in the forest, stamping its feet on the ground and shooing away a tiger. With the white of its erect tail showing, it kept up its shrill call until the tiger made itself scarce. No tiger in its senses would attempt to catch such an impertinent brat, just as you would not dream of catching an offending crow cawing away in your veranda.
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Contrary to the common belief, the panther never springs upon its prey suddenly. It stalks as close to its victim as it can manage, and then makes the final dash by rushing at it at a lightning speed.

SubQuestion No: 23
Q. 23 'Impertinent brat' in the passage refers to the:

Ans
X 1. antelope
2. baby chital
$\times 3$. deer
X4.crow

## Comprehension:

Read the given passage and answer the questions that follow.
One would imagine that at the very sight of the panther, deer, antelopes and its other preys would just run for their lives. Nothing of the sort! They all stand their ground and make such a loud noise that the panther is left with no other choice except to leave quietly. I have seen a tiny chital baby standing in the middle of an opening in the forest, stamping its feet on the ground and shooing away a tiger. With the white of its erect tail showing, it kept up its shrill call until the tiger made itself scarce. No tiger in its senses would attempt to catch such an impertinent brat, just as you would not dream of catching an offending crow cawing away in your veranda.
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SubQuestion No: 24
Q. 24 What is the common belief about how a panther attacks its prey?

Ans 1. It suddenly leaps upon its prey.
X 2. It creeps up close to its prey.
X 3. It chases its prey for long distances.
X 4. It runs at the victim at a great speed.

## Comprehension:

Read the given passage and answer the questions that follow.
One would imagine that at the very sight of the panther, deer, antelopes and its other preys would just run for their lives. Nothing of the sort! They all stand their ground and make such a loud noise that the panther is left with no other choice except to leave quietly. I have seen a tiny chital baby standing in the middle of an opening in the forest, stamping its feet on the ground and shooing away a tiger. With the white of its erect tail showing, it kept up its shrill call until the tiger made itself scarce. No tiger in its senses would attempt to catch such an impertinent brat, just as you would not dream of catching an offending crow cawing away in your veranda.
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Contrary to the common belief, the panther never springs upon its prey suddenly. It stalks as close to its victim as it can manage, and then makes the final dash by rushing at it at a lightning speed.

SubQuestion No: 25
Q. 25 What does the phrase 'stand their ground' mean?

Ans 1. Stay in position to face the enemy boldly
X 2. Try to escape as fast as possible
X 3. Stand still being unable to move in fear
X 4. Hide silently till the attacker moves away

## Section : Quantitative Aptitude

Q. 1 There are six numbers whose average is 120 . If the sixth number is one-fourth of the sum of the remaining five numbers, then the sixth number is:

Ans
$\times 1.148$
$\times 2.108$
ง 3. 144
$\times 4.150$
Q. 2 The average of five numbers is 30 . If one number is excluded, the average becomes 31 . What is the excluded number?

Ans
X1. 24
X2. 31
3. 26

X4. 30
Q. 3 A certain sum amounts to $₹ 12,456$ in $3 \frac{1}{2}$ years at $8.5 \%$ p.a simple interest. What will be the simple interest on the same sum in $6 \frac{1}{4}$ years at the same rate of interest?
Ans

1. ₹ 5,100
2. ₹ 5,046
3. ₹ 3,060
4. ₹ 5,240
Q. 4 A bought an item for ₹ 1,100 and sold it to B at a loss of $5 \%$. B sold the item to C at a profit of $\mathrm{k} \%$ for ₹ 1,254 . Find the value of $k$.

Ans
X1. 25
$\times 2.12$

- 3. 20

X4. 15
Q. 5 If the number 583 a 4 a is divisible by 6 , then what is the sum of all the possible values of $a$ ?

Ans

1. 10
2. 14
$\times 3.12$
3. 8
Q. 6 When $x$ is subtracted from each of the numbers $64,81,85$ and 109 , the numbers so obtained in this order are in proportion. What is the mean proportional between $(x+3)$ and $(2 x-1)$ ?
Ans
X1. 15
$\times 2.30$
$\times 3.18$
-4. 20
Q. 7 Anju sold an article to her friend Rakesh at $14 \%$ loss. If Rakesh sold it for $₹ 2,537$ and made a profit of $18 \%$, then the original cost price (in ₹) of the article for Anju was:
Ans
4. ₹ 2,560
5. ₹ 2,150
6. ₹ 2,500
7. ₹ 2,450
Q. 8 The square of the diagonal of a cube is $2346 \mathrm{~cm}^{2}$. What is the total surface area (in $\mathrm{cm}^{2}$ ) of the cube?

Ans
-1. 4692
$\times 2.4269$
X 3. 4296
X4. 4629
Q. 9 A can finish one-third of a work in 5 days, and B can finish $50 \%$ of the same work in 15 days. If they work together, then in how many days will they finish $50 \%$ of the work?

Ans

1. 10
-2. 4
2. 8
$\checkmark 4.5$
Q. 10 A 175 m long train crosses a platform twice its length in 27 seconds. What is the speed (in $\mathrm{km} / \mathrm{h}$ ) of the train?

Ans
$\times 1.56$
$\times 2.63$
$\checkmark$ 3. 70
$\times 4.84$
Q. 11 Find the largest value of k such that a 6 -digit number 450 k 1 k is divisible by 3 .

Ans
-1. 7
X2. 9
$\times 3.8$
$\times 4.6$
Q. 12 If the average of six consecutive odd natural numbers is 24 , then what is the average of the four smaller numbers out of the six numbers?
Ans
$\times 1.24$
$\times 2.20$
X 3.21
-4. 22
Q. 13 The population of a village increases by $6.25 \%$ every year. If the present population of the village is 4046 , then what was its population 2 years ago?

Ans
-1. 3584
X2. 3456
X 3. 3328
X4. 3648
Q. 14 The list price of an article was $₹ 735$. Ravi sold it after giving a $20 \%$ discount on its list price and still made a profit of $47 \%$. What was the cost price (in ₹) of the article?

Ans
$\times 1.450$
X2. 420

- 3. 400

4. 375
Q. 15 ₹5,580 is divided among $\mathrm{P}, \mathrm{Q}$ and R is the ratio of $7: 11: 13$, respectively. What is the difference (in ₹) between the one-third of the largest share and two-fifth of the smallest?
Ans
$\times 1.504$
$\checkmark 2.276$
$\times 3.516$
X4. 288
Q. 16 By selling 80 notebooks, Amrita loses an amount equal to the selling price of 10 notebooks. What is her loss per cent (to the nearest infeger)?

Ans
X. $9 \%$
2. $11 \%$
3. $10 \%$
$\times 4.13 \%$
Q. 17 If $a+b+c=3, a b+b c+c a=-10$ and $a b c=-24$, then the value of $\frac{a^{2}}{b c}+\frac{b^{2}}{a c}+\frac{c^{2}}{a b}$ is:

Ans

1. $\frac{-15}{8}$
2. $\frac{63}{8}$
3. $\frac{15}{8}$
4. $\frac{-39}{8}$
Q. 18 What is the simplified form of the following expression?
$\left(x-\frac{1}{y}\right)^{3}+\left(x+\frac{1}{y}\right)^{3}$
Ans
5. $x\left(x^{2}-\frac{3}{y^{2}}\right)$

X 2. $-2 x\left(x^{2}+\frac{3}{y^{2}}\right)$
X 3. $2 x\left(x^{2}-\frac{1}{y^{2}}\right)$
4. $2 x\left(x^{2}+\frac{3}{y^{2}}\right)$
Q. 19 A man walking at three-fourth of his usual speed, reaches his office 4 minutes late. How much time (in minutes) does he usually take to reach his office?
Ans

1. 12
2. 10
3. 14
4. 11
Q. 20 If two numbers are in the ratio $\frac{4}{5}: \frac{5}{6}$, then by what percentage is the first number more or less than the second number?

Ans

1. $4 \%$ less
2. $4 \%$ more
3. $20 \%$ less
4. $18 \frac{2}{11} \%$ less
Q. 21 If a shopkeeper gives two successive discounts of $50 \%$ and $20 \%$ on a mattress, whose marked price is ₹ 72,580 , what would be its selling price (in ₹) and the discount (in ₹), respectively?
Ans
5. 29,032 and 36,290
6. 36,290 and 29,032
7. 29,032 and 43,548
8. 43,548 and 29,032
Q. 22 A tank is normally filled in 18 hours by a pipe, but it takes 6 hours more to fill the tank due to a leakage at its bottom. The leakage point can empty the tank when it is two-third full in $\qquad$ hours.

Ans
$\times 1.60$
$\times 2.36$
3. 48
4. 72
Q. 23 What is the difference (in $₹$, to the nearest rupee) between the simple interest and compound interest on $₹ 24,500$ in two years at the rate of $8 \%$ per annum? The compound interest is compounded annually.
Ans
. 157
$\times 2.175$
$\times 3.257$
X4. 225
Q. 24 There are green, red, and blue marbles in a bag. Their ratio is $5: 4: 6$, respectively. If there are 135 marbles in the bag. what is the difference between the number of blue marbles and that of the red marbles?

Ans
$\times 1.6$
X2. 12
$\times 3.9$
4. 18
Q. 25 A sum of money lent on interest, compounded semi-annually amounts to ₹54,000 in one year and to ₹ 65,340 in two years. What is the rate of interest per annum?

Ans
-1. $20 \%$
$\times 2.10 \%$
$\times 3.16 \%$
$\times 4.12 \%$

Section : General awareness

## Q. 1 Who among the following was the last Viceroy of India?

Ans
X 1. Lord Curzon
2. Lord Mountbatten
3. Lord Canning
4. Lord Irwin
Q. 2 Which of the following rivers has its source near Trimbakeshwar?

Ans

1. Godavari
2. Narmada
3. Kaveri
4. Krishna
Q. 3 Who was appointed as the leader of the Indian National Congress in the Lok Sabha after the 2019 General Elections?

Ans

1. Anand Sharma
2. Om Birla
3. Adhir Ranjan Chowdhury
4. Manish Tewari
Q. 4 Rudreshwara, popularly known as Ramappa Temple, is located in:

Ans

1. Telangana
2. Andhra Pradesh
3. Kerala
4. Karnataka
Q. 5 The International Day of Clean Air for blue skies is observed on $\qquad$ -.
Ans
X1. 13 October
X 2. 30 July
X 3.23 May
4.7 September

Question ID : 65497838066
Q. 6 Who among the following is the principal author of the Economic Survey in India?

Ans

1. Chief Economic Advisor

X 2. Finance Minister
X 3. Governor
X 4. Prime Minister
Q. 7 The 4th edition of the Khelo India Youth Games will be hosted in:

Ans
X 1. Karnataka
2. Haryana

X 3.Assam
X 4. Punjab
Q. 8 Who among the following wrote the book 'Matoshree', which is based on the life of the Maratha queen Ahilyabai Holkar?

Ans
X1. Arundhathi Subramaniam
2. Chetan Bhagat
3. KC Pant
4. Sumitra Mahajan
Q. 9 Pandit Nikhil Banerjee was an exponent of the:

Ans
X1. veena
$\times$ 2. flute

- 3. sitar

4. santur
Q. 10 In the context of the Mughal Empire, which of the following does the term 'harem' refer to?

Ans $\quad \times 1$. The initiative of building marble monuments
2. The Deccan Policy of the Mughals
3. Taxation system
4. The domestic world of the Mughals
Q. 11 Which of the following is NOT a hermaphrodite?

Ans

- 1. Queen honey bee

X 2. Land snail
X 3. Leech
X 4. Earthworm
Q. 12 Who among the following represents India as a wicket-keeper batsman?

Ans
X 1. Ravindra Jadeja
X 2. Jasprit Bumrah
X 3. Mayank Agarwal
4. Wriddhiman Saha
Q. 13 Which ITNS (Income Tax New Series) challan is used by Indian taxpayers to deposit the tax collected at source?
Ans
(1. ITNS 284
(2. ITNS 283

X 3.ITNS 282
4. ITNS 281
Q. 14 In March 2021, under Mission Sagar 4, INS Jalashwa reached Port Anjouan, Comoros to deliver 1000 metric tonnes of $\qquad$ to the island nation.
Ans
X1. Tea
X 2. Wheat
$\checkmark$
3. Rice
4. Sugar
Q. 15 How many alpha-numeric characters does an Indian Financial System Code contain?

Ans
$\times 1.9$
$\times 2.10$

- 3.11
$\times 4.12$
Q. 16 Red laterite soils in Tamil Nadu, Andhra Pradesh and Kerala are more suitable for crops like:
Ans
X1. cotton

2. rice
3. wheat
4. cashew-nut
Q. 17 When did the Caliph of Baghdad, Mustansir Billah, bestow on IItutmish the titles of 'Sultan-i-Azam' (Sultan the great) and 'Nasir-Amir-al-Mommin' (deputy of the leader of faithful)?
Ans
< 1. 1220 AD
5. 1210 AD
6. 1224 AD
7. 1229 AD
Q. 18 Emperor Akbar moved the capital to Lahore in 1585. When did he shift the capital back to Agra from Lahore?
Ans
8. 1599
9. 1591
$\times 3.1588$
4.1595
Q. 19 Which of the following is NOT a chemical compound?

Ans $\times 1$. Water
2. Air
3. Baking soda
4. Common salt
Q. 20 Starting with the southernmost, arrange the given cities of India from south to north.
A) Madurai
B) Salem
C) Kurnool
D) Tirupati

Ans

1. ABDC

X2. BCAD
X 3.BADC
X4.ABCD
Q. 21 In November 2020, who among the following was appointed as the president of the News Broadcasters Association for the term 2020-21?
Ans
X 1. Zohra Chatterji
X 2. Nasim Zaidi
X 3. Sandeep Chaudhary

- 4. Rajat Sharma
Q. 22 The Tezu airport in $\qquad$ started operating commercial flights in August 2021.
Ans
$X$

1. Himachal Pradesh

X 2. Mizoram
X 3. Sikkim

- 4. Arunachal Pradesh
Q. 23 In which of the following years was the first sitting of the Supreme Court of India held?

Ans

1. 1950
2. 1947
3. 1952
4. 1957
Q. 24 What was the serial number of the 2019 Lok Sabha Elections, counted from the first such held in 1952?
Ans
$\times 1.16$ th

- 2. 17th

X 3 .18th
X 4. 19th
Q. 25 Who among the following Indian chess players won the 2021 Spilimbergo Open Chess fournament?
Ans

1. Raunak Sadhwani
2. Srinath Narayanan
${ }^{1} \times$
3. $R$ Vaishali
${ }^{1} \times$
4. Nihal Sarin

## Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $08 / 02 / 2022$ |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Selection Post Matriculation Level |

## Section: General Intelligence

Q. 1 Select the combination of letters that when sequentially placed in the blanks of the given series, will complete the series.
$z_{-} k_{-} \mathbf{c q t} \mathbf{t}_{-} \mathbf{u}_{-} \mathrm{pc}_{--} \mathrm{zu}_{-} \mathbf{c} \mathbf{q} \mathbf{t}$
Ans
X1.upzkztku

- 2. upzkqtkp

X3.qpzkztkp
X4.upzkutkq
Q. 2 Select the number from among the given options that can replace the question mark (?) in the following series.

23, 24, 32, 59, ?, 248
Ans $\times 1.79$

- 2. 123
$\times 3.76$
$\times 4.120$
Q. 3 Select the number from among the given options that can replace the question mark (?) in the following series.

27, 54, 162, 648, ?
Ans
$\times 1.1944$
$\times 2.728$
$\times 3.1296$
4. 3240
Q. 4 In a certain code language, 'per piece rate' is written as 'uot eot kot', 'per capita income' is written as 'zot yot uot', and 'income is necessary' is written as 'mot zot sot'. What is the code for the word 'capita' in this language?
Ans $\times 1$. sot
2. yot
$\times 3$ uot
$\times 4$. zot
Q. 5 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

$\checkmark 2$


$\times 4$.

Q. 6 In a certain code language, 'QUIET' is coded as ' 70 ', and 'TREND' is coded as ' 57 '.

How will 'TROUBLE' be coded in that language?
Ans
$\times 1.93$

- 2.89
$\times 3.95$
$\times 4.91$
Q. 7 In a certain code language, 'MAGIC' is written as 'RVLDH'. How will 'LOCKER' be written in that language?
Ans

1. QJHFJM

X 2. GTHFZW
X 3. QJXPJM
X 4. GHTZFW
Q. $8 \quad A \% B$ means ' $A$ is the son of $B$ '.
$A \$ B$ means ' $A$ is the brother of $B$ '.
$A+B$ means ' $A$ is the sister of $B$ '.
If $\mathbf{N}+\mathbf{T} \mathbf{\$ K} \% \mathbf{M} \% \mathbf{Y}$, then how is $\mathbf{N}$ related to $\mathbf{Y}$ ?
Ans

1. Paternal granddaughter

Х 2. Maternal granddaughter
X 3. Daughter
$\times$ 4. Sister
Q. 9 Select the figure from the options that can replace the question mark (?)in the following figure series.


Ans

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 from the statements.

## Statements:

1. Some Ducks are Cats.
2. All Cats are Rats.

Conclusions:
I. All Rats are Ducks.
II. No Rat is a Duck.

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

X 4. Only conclusion II follows.
Q. 11 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

12:153:: 17 : ? :: 14 : 205
Ans $\times 1.268$
$\times 2.292$

- 3.298
$\times 4.329$
Q. 12 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. INTRUSION
2. INTRODUCE
3. INTRODUCTORY
4. INTROVERT
5.INTRODUCTION

Ans 1.2,5,3,4,
1
X 2. 3, 5, 1, 4, 2
$\times 3,2,5,1,3,4$
X4.2,5,1,4,3
Q. 13 Five friends $A, B, C, D$ and $E$ are sitting around a circle facing towards the centre. $B$ is sitting second to the right of $A$. Only $C$ is sitting between $B$ and $D$. Who is sitting to the immediate left of $A$ ?
Ans
$\times 1$. E
$\times 2$. B
X 3. c

- 4. D
Q. 14 In a certain code language, 'ACUMEN' is written as 'QBPRFX'. How will 'CENSURE' be written in that language?

Ans
X 1. CORPKBZ
2. HOXPQBF

X 3. CURVKHZ
4. HUXVQHF
Q. 15 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

CZP, HWQ, MTR, RQS, ?
Ans
X1. YMS
$\times 2 . \mathrm{XNT}$
3. WNT

X4.WMS
Q. 16 In a certain code language, 'EAGER' is coded as '167533'. How will 'EPITOME' be coded in that language?
Ans
$\times 1.71117187147$
X 2.71517228187
-3.31513227183
$\times 4.31113188143$
Q. 17 Six persons $P, Q, R, S, T$ and $U$ are sitting on a straight bench facing towards the east. Only two persons are sitting between $P$ and $Q$. Only $S$ is sitting to the left of P. Only Q is sitting between $T$ and $U$. $U$ is sitting at end position from the right end.
Who is sitting at the third position from the left end?
Ans
$\times 1$.
$\times 2 . Q$

- 3. R
$\times 4 . U$
Q. 18 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some vehicles are helicopters.
All helicopters are cars.
Some cars are trucks.
Conclusions:
I. Some vehicles are cars.
II. Some trucks are vehicles.
III. Some cars are helicopters.

Ans

1. None of the conclusions follow

X 2. Only conclusions I and II follow
X 3. Only conclusions II and III follow
4. Only conclusions I and III follow
Q. 19 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

NGO : PTQ :: LHT : ?
Ans

1. NSV

X 2. NJV
X 3. OJG
$\times 4$.OSG
Q. 20 Which two signs need to be interchanged to make the following equation correct?
$72-63+3 \times 4 \div 49=37$
Ans
X $1 .-$ and $\times$
2. + and $\div$

X $3 . \div$ and $x$
X 4. - and +
Q. 21 Rekha is the only daughter of Mukesh. Kapil is the brother of Rekha. Sneha is the mother of Kapil. How is Rekha related to Sneha?
Ans $\times 1$. Aunt
$\times$ 2. Mother
Х 3. Sister
4. Daughter
Q. 22 'Expensive' is related to 'Cheap' in the same way as 'Dusk' is related to ' $\qquad$ '.

Ans

1. Dawn
2. Table
3. Bright
4. Night
Q. 23 In a certain code language, 'PUNE' is coded as 20, and 'DELHI' is coded as 25. How will 'BHOPAL' be coded in that language?
Ans
$\times 1.32$
$\times 2.36$
$\times 3.40$

- 4.30
Q. 24 Select the correct mirror image of the given figure when the mirror is placed at ' $A B^{\prime}$ ' as shown.


Ans

$\times 4$.

Q. 25 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans
$\times 1$. GBI
X 2. AJG
3. GBK

X4. CHG

## Section: English Language

Q. 1 Select the most appropriate meaning of the given idiom.

By and large
Ans 1. On the whole
2. At some future time
3. On the contrary
4. Surely
Q. 2 Select the option which means the same as the group of words given.

To have a strong feeling of sympathy with a desire to help.
Ans

1. Apathy
2. Gratitude
3. Compassion
4. Brutality
Q. 3 Select the most appropriate synonym of the given word.

Pious
Ans
X 1. Active
X 2. Wise
3 3. Wicked
4. Religious
Q. 4 Select the most appropriate ANTONYM of the given word.

Boycott
Ans 1. Welcome
X 2. Exclude
X 3. Bar
4. Spurn
Q. 5 Select the wrongly spelt word.

Ans
X 1 . Shortfall
X 2. Parallel
3. Humbely

X 4. Acceptable
Q. 6 Select the most appropriate option to fill in the blank.

The fruit of a tree are either dry or fleshy and there are many different ways in which the seeds

Ans
X 1. hibernate
X 2. stimulate
$\times$ 3. calculate
4. propagate
Q. 7 Select the most appropriate option to fill in the blank.

The farmers in this village $\qquad$ their fields with water from the river.
Ans
$\times 1$ flush
2. irrigate
3. flood
4. soak
Q. 8 Select the option that expresses the given sentence in passive voice.

People are continuously watching the election results.
Ans $\quad$ 1. The election results were watched continuously by people.
2. The election results are continuously being watched by people.
3. The election results is continuously watching by people.
4. The election results will continuously be watched by people.
Q. 9 Select the most appropriate synonym of the given word.

Rejoice
Ans
X 1. Grieve
2. Exult

X 3. Brood
X 4. Conceal
Q. 10 Select the most appropriate meaning of the given idiom.

No love lost
Ans

1. Persons who love the same person
2. Persons who do not like each other at all
3. Persons who have similar likes and dislikes
4. Persons who work in the same organisation

## Q. 11 Select the wrongly spelt word.

Ans

1. atendent
2. spelling

X 3. convenience
4. automatic
Q. 12 Select the INCORRECTLY spelt word.

Ans
$\times 1$. Achieve
X 2. Perceive
3. Foriegn
$\times 4$. Deceive
Q. 13 Select the option that expresses the given sentence in indirect speech.

Mother said to Navin, "Board the train now."
Ans
X 1. Mother told Navin boarded the train now.
2. Mother told Navin board the train then.

X 3. Mother told Navin to board the train now.
4. Mother told Navin to board the train then.
Q. 14 Select the most appropriate ANT ONYM of the given word.

Accept
Ans $\times 1$. Attain
X 2. Welcome
X 3. Take
4. Deny
Q. 15 Select the option that can be used as a one-word substitute for the given group of words.

A place where pigs are kept
Ans
$\times 1$. Stable
2. Sty
$\times 3$. Shed
X 4. Kennel

## 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 Dalai Lama was born in Tibet (1) $\qquad$ the 6th of July 1935. He is the leader of Tibet's Buddhists (2) $\qquad$ he lives in India, where thousands of his followers (3) $\qquad$ him. He is the world's (4) $\qquad$ Buddhist monk. He (5) $\qquad$ for freedom in Tibet and peace in the world.

SubQuestion No : 16
Q. 16 Select the most appropriate option to fill in blank No. 1.

Ans $\times 1$.to

- 2. on
$\times 3$ in
X 4. at


## 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 Dalai Lama was born in Tibet (1) $\qquad$ the 6th of July 1935. He is the leader of Tibet's Buddhists (2) $\qquad$ he lives in India, where thousands of his followers (3) $\qquad$ him. He is the world's (4) $\qquad$ Buddhist monk. He (5) $\qquad$ for freedom in Tibet and peace in the world.

SubQuestion No: 17
Q. 17 Select the most appropriate option to fill in blank No. 2.

Ans
$\times 1$. because
2. but
$\times 3$. or
$\times 4$ so

## Comprehension:

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

The Dalai Lama was born in Tibet (1) $\qquad$ the 6th of July 1935. He is the leader of Tibet's Buddhists (2) $\qquad$ he lives in India, where thousands of his followers (3) $\qquad$ him. He is the world's (4) $\qquad$ Buddhist monk. He (5) $\qquad$ for freedom in Tibet and peace in the world.

SubQuestion No : 18
Q. 18 Select the most appropriate option to fill in blank No. 3.

Ans
X 1. tour

- 2. visit

X 3. call
X 4. drop

## 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 Dalai Lama was born in Tibet (1) $\qquad$ the 6th of July 1935. He is the leader of Tibet's Buddhists (2) $\qquad$ he lives in India, where thousands of his followers (3) $\qquad$ him. He is the world's (4) $\qquad$ Buddhist monk. He (5) $\qquad$ for freedom in Tibet and peace in the world.

SubQuestion No : 19
Q. 19 Select the most appropriate option to fill in blank No. 4.

Ans $\quad \times 1$. as famous
$\times$ 2. more famous
3. most famous

X 4. much famous

## 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 Dalai Lama was born in Tibet (1) $\qquad$ the 6th of July 1935. He is the leader of Tibet's Buddhists (2) $\qquad$ he lives in India, where thousands of his followers (3) $\qquad$ him. He is the world's (4) $\qquad$ Buddhist monk. He (5) $\qquad$ for freedom in Tibet and peace in the world.

SubQuestion No: 20
Q. 20 Select the most appropriate option to fill in blank No. 5.

Ans

1. campaigns
2. to campaign
3. campaign
4. campaigning

## Comprehension:

Read the following passage and answer the questions given after it.

Homeschooling, an alternative approach to education, is a way of learning outside the defined parameters of school education. It puts the parents/guardians in charge of their child's allround development. What and how to teach is determined by the parents who might not follow the curriculum of any education board. Parents either choose not to enrol their children in schools or-as is most prevalent in India-when a school's approach doesn't align with a child's needs, they pull their children out of school.
While there are no estimates of the number of homeschooled children in India, the cities of Mumbai, Pune, Bengaluru and Hyderabad seem to have most of the homeschooling communities.
In India, the concept initially catered to specially-abled children who needed more parental support. But with the rise of concerns over a stringent education system, some parents started experimenting with the approach. Other reasons include concerns about bullying, child abuse, inefficient teaching practices and children wanting to build careers outside of academics.
"Ever since I was a child, like many other parents today, I have always questioned traditional schooling. But back then people didn't pay heed to my concerns. The questions resurged when I had children; they were curious about the world around them, and we noticed that even after enrolling them in the best of schools, their emotional intelligence wasn't being acknowledged," says Sharadha Gerg (36), who has been homeschooling her two daughters since 2015. She soon realized that they wanted to be in charge of their own learning. Like many other parents, she felt that pulling them out of school and giving them an all-round education through home schooling, was the ideal way for them to grow and learn.

SubQuestion No : 21
Q. 21 Many parents today, like Sharadha Gerg, believe that the education system must
$\qquad$
Ans $\times 1$. give parents the right to co teach with teachers
2. focus on the study of academic subjects

X 3. be based on discipline and training
4. provide for an all-round development

## Comprehension:

Read the following passage and answer the questions given after it.

Homeschooling, an alternative approach to education, is a way of learning outside the defined parameters of school education. It puts the parents/guardians in charge of their child's allround development. What and how to teach is determined by the parents who might not follow the curriculum of any education board. Parents either choose not to enrol their children in schools or-as is most prevalent in India-when a school's approach doesn't align with a child's needs, they pull their children out of school.
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In India, the concept initially catered to specially-abled children who needed more parental support. But with the rise of concerns over a stringent education system, some parents started experimenting with the approach. Other reasons include concerns about bullying, child abuse, inefficient teaching practices and children wanting to build careers outside of academics.
"Ever since I was a child, like many other parents today, I have always questioned traditional schooling. But back then people didn't pay heed to my concerns. The questions resurged when I had children; they were curious about the world around them, and we noticed that even after enrolling them in the best of schools, their emotional intelligence wasn't being acknowledged," says Sharadha Gerg (36), who has been homeschooling her two daughters since 2015. She soon realized that they wanted to be in charge of their own learning. Like many other parents, she felt that pulling them out of school and giving them an all-round education through home schooling, was the ideal way for them to grow and learn.

SubQuestion No: 22
Q. 22 Fill in the blank with the correct option.

Parents are opting for home schooling because it
Ans $\quad \times 1$. because they have set up their own independent board

- 2. has a more flexible curriculum and is more engaging
$\times$ 3. gives the child the right to choose one parent as educator
X 4. consists of educational tours to all metropolitan cities


## Comprehension:

Read the following passage and answer the questions given after it.

Homeschooling, an alternative approach to education, is a way of learning outside the defined parameters of school education. It puts the parents/guardians in charge of their child's allround development. What and how to teach is determined by the parents who might not follow the curriculum of any education board. Parents either choose not to enrol their children in schools or-as is most prevalent in India-when a school's approach doesn't align with a child's needs, they pull their children out of school.
While there are no estimates of the number of homeschooled children in India, the cities of Mumbai, Pune, Bengaluru and Hyderabad seem to have most of the homeschooling communities.
In India, the concept initially catered to specially-abled children who needed more parental support. But with the rise of concerns over a stringent education system, some parents started experimenting with the approach. Other reasons include concerns about bullying, child abuse, inefficient teaching practices and children wanting to build careers outside of academics.
"Ever since I was a child, like many other parents today, I have always questioned traditional schooling. But back then people didn't pay heed to my concerns. The questions resurged when I had children; they were curious about the world around them, and we noticed that even after enrolling them in the best of schools, their emotional intelligence wasn't being acknowledged," says Sharadha Gerg (36), who has been homeschooling her two daughters since 2015. She soon realized that they wanted to be in charge of their own learning. Like many other parents, she felt that pulling them out of school and giving them an all-round education through home schooling, was the ideal way for them to grow and learn.

SubQuestion No : 23
Q. 23 Select the untrue option.

Parents prefer home schooling because their children
Ans $\quad$ 1. do not fear being bullied or abused
$\times 2$. are able to study at their own pace
X 3. usually find learning exciting and different
2 4. are only interested in nonacademic careers

## Comprehension:

Read the following passage and answer the questions given after it.

Homeschooling, an alternative approach to education, is a way of learning outside the defined parameters of school education. It puts the parents/guardians in charge of their child's allround development. What and how to teach is determined by the parents who might not follow the curriculum of any education board. Parents either choose not to enrol their children in schools or-as is most prevalent in India-when a school's approach doesn't align with a child's needs, they pull their children out of school.
While there are no estimates of the number of homeschooled children in India, the cities of Mumbai, Pune, Bengaluru and Hyderabad seem to have most of the homeschooling communities.
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SubQuestion No : 24
Q. 24 In home schooling the charge of education is in the hands of the:

Ans $\times 1$. neighbour
X 2. learner
X 3. teacher
4. parent

## Comprehension:

Read the following passage and answer the questions given after it.

Homeschooling, an alternative approach to education, is a way of learning outside the defined parameters of school education. It puts the parents/guardians in charge of their child's allround development. What and how to teach is determined by the parents who might not follow the curriculum of any education board. Parents either choose not to enrol their children in schools or-as is most prevalent in India-when a school's approach doesn't align with a child's needs, they pull their children out of school.
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SubQuestion No : 25
Q. 25 Select the untrue option.

Parents of home schooling pull their children out of school so their children could
Ans

1. excel in board examinations
2. explore their own interests
$\times 3$. be in charge of their learning
$\times$ 4. enjoy the process of learning

## Section: Quantitative Aptitude

Q. 1 The simple interest on a sum of money at $10 \%$ per annum for 2 years is $₹ 8,000$. What will be the compound interest (in ₹) on the same sum for the same period at the same rate compounded annually?

Ans $\times 1.8,500$
2. 8,400
$\times$ 3. 8,600
X4. 8,200
Q. 2 Find the value of $\sqrt{3 \mathrm{k}^{3}+4}$ such that the 6 -digit number 310 k 0 k is divisible by 6 .

Ans
$\times 1.16$
2. 18
3. 14
4. 12
Q. 3 The speed of a boat in still water is $10 \mathrm{~km} / \mathrm{h}$ and the speed of the stream is $3 \mathrm{~km} / \mathrm{h}$. How much time (in hours) will it take to sail 39 km downstream and then return immediately 28 km up stream?
Ans $\times 1.4$
2. 7
$\times 3.8$
$\times 4.3$
Q. 4 If $4 x^{2}+y^{2}+z^{2}+41=2(4 x+y+6 z)$, then the value of $2 x+y-z$ is:

Ans $\times 1.5$
$\times 2 .-4$
$\times 3.1$
4. -3
Q. 5 Find the value of k in the number 9314 k 8025 so that the number is divisible by 11 .

Ans
-1. 2
$\times 2.6$
X3. 4
4. 5
Q. 6 A retailer gives $36 \%$ discount to his customer on the market price of an article. In this transaction he earns a profit of $36 \%$ on the article. If the article costs $₹ 4,200$ to the retailer, what is its marked price (in ₹)?

Ans 1.8,925
2. 9,925
3. 9,950
4. 8,950
Q. 7 The average score of 12 girls in a test is 16.5 and that of 8 boys in the same test is 16 . Find the average score of girls and boys taken together.

Ans $\times 1.16 .4$
2. 16.3
3. 16.2
4. 16.25
Q. 8 The incomes of A and B are in the ratio $3: 5$ and their savings are $₹ 14,000$ and $₹ 20,000$, respectively. If the ratio of their expenditures is $4: 7$, then the income (in ₹) of A is:
Ans 1. 54,000
2. 57,000
3. 42,000
4. 60,000
Q. 9 A number is first decreased by $30 \%$ and then increased by $30 \%$. What is the net increase or decrease percentage?

Ans 1. Increase by $5 \%$
2. No change
3. Decrease by $9 \%$
4. Decrease by 8\%
Q. 10 A certain distance is covered by a car at a uniform speed in 8 hours. If the speed is reduced by $6 \mathrm{~km} / \mathrm{h}$, it will take 1 hour more. What is the original speed of the $\operatorname{car}$ ( in $\mathrm{km} / \mathrm{h}$ )?

Ans
$\times 1.60$
2. 54
$\times 3.55$
$\times 4.52$
Q. 11 The difference between the interest compounded annually and the simple interest on a sum of $₹ 31,250$ for 2 years at $8 \%$ per annum is:

Ans 1. ₹200
(2. ₹220

X 3. ₹ 225
X4. ₹175
Q. $12 \mathrm{~A}, \mathrm{~B}$ and C can do $50 \%$ of a work in 15 days, 12 days and 20 days, respectively. They began the work together but A left 2 days before the completion of the work. In how many days was the work completed?

Ans
$\times 1.7 \frac{2}{3}$
2. $9 \frac{2}{3}$
3. $11 \frac{2}{3}$
4. $10 \frac{2}{3}$
Q. 13 A man sells two laptops for $₹ 40,548$ each: gaining $24 \%$ on one and losing $20 \%$ on the other. What is his gain/loss percentage overall (correct to two decimal places)?
Ans $\times 1.3 .75 \%$
2. $2.35 \%$
$\times$ 3. $3.45 \%$
4. $2.75 \%$
Q. $14 \frac{1}{4} \%$ of which of the following numbers is 12 ?

Ans $\times 1.48$

- 2. 4800
$\times$ 3. 0.03
$\times 4.0 .48$
Q. 15 By selling an article for ₹ 165 , a trader gains $10 \%$. If he sells it for $₹ 153.75$, then his loss/gain per cent is:

Ans

1. gain $2.5 \%$
2. gain $0.25 \%$
3. loss $0.25 \%$
4. loss $2.5 \%$
Q. 16 A shopkeeper marks his goods at such a price that even after giving a discount of $25 \%$, he gains $20 \%$. If the marked price of an article is ₹992, what is its cost price (in ₹)?

Ans 1. 620
2. 700
з. 650
$\times 4.545$
Q. 17 Find the value of $0.682^{2}-0.318^{2}$.

Ans $\times 1.0 .0364$
×2. 3.64
3. 0.364
4. 0.1296
Q. 18 Six solid cubes, each of side 10 cm , are melted to form a rectangular solid of base area $30 \mathrm{~cm} \times 5 \mathrm{~cm}$. The lateral surface area (in $\mathrm{cm}^{2}$ ) of the resulting solid is:

Ans

1. 2800
2. 2500
3. 1440
4. 2200
Q. 19 Ritu borrowed a sum of ₹ 9,000 for 2 years at $15 \%$ p.a, interest compounded 8 -monthly. The amount (in ₹) paid by her after 2 years was:

Ans 1. 12,045
2. 11,979
3. 12,089
4. 11,968
Q. 20 Five years ago, the average age of a group of seven members was 43 years. One member left the group just recently and the present average age of the group members became 42 years. What is the present age (in years) of the member who left the group?

Ans $\times 1.78$
$\times 2.90$
X 3. 80

- 4. 84
Q. 21 The mean proportional between 16 and 49 is:

Ans
$\times 1.22$
X 2.32 .5
3. 28
4. 12.1
Q. 22 By selling an article for ₹380, a man loses $24 \%$. If he sells it for ₹ 475 , then his loss/gain per cent is:

Ans

1. gain $6.25 \%$
2. loss $6.25 \%$
3. gain $5 \%$
4. loss $5 \%$
Q. 23 A is three times more efficient than B and together they finish a piece of work in 30 days. In how many days can A alone finish the same work?
Ans $\times 1.150$
5. 40

X 3. 120
4. 50
Q. 24 P and $Q$ start a business with $₹ 45,000$ and $₹ 54,000$. After 8 months $R$ joined the business with $₹ 36,000$. After 2 years, what will be the amount of profit (in ₹) for Q, if all the three earned a total profit of ₹1,47,600?

Ans 1. 54,000
2. 36,800
3. 28,800
4. 64,800
Q. 25 The average monthly salary of $A, B, C$ and $D$ is $₹ 27,200$. A gets $₹ 800$ more than $B, B$ gets $₹ 600$ more than $C$, and $C$ gets ₹ 400 more than D. Find the monthly salary of A (in ₹).

Ans 1. 28,200
2. 28,000
3. 27,500
4. 28,250
Q. 1 Which of the following Harappan sites is NOT located in the present-day Pakistan?

Ans

1. Kalibangan
2. Kot Diji
3. Amri
4. Balakot
Q. 2 Which of the following does NOT fall under the category of Public Goods?

Ans
$\times 1$. Roads
X 2. Government administration
X 3. National defence
4. Cars
Q. 3 According to the 69th Amendment Act of the Constitution of India, in which of the following years was Delhi declared as the National Capital Territory?
Ans
X 1.1978
$\times 2.1985$

- 3.1991

X4. 2004
Q. 4 Shalimar (Shalamar) gardens in Lahore were built by:

Ans
X 1. Jahandar Shah
2. Akbar
3. Jahangir

- 4. Shah Jahan
Q. 5 How many hydrogen atoms does a molecule of Phosphoric Acid contain?

Ans
$\times 1.2$
$\times 2.1$
$\times 3.4$
-4. 3
Q. 6 The weight of an object of mass 1 kg is approximately equal to $\qquad$ newton.

Ans
$\times 1.1$
$\times 2.1000$
-3. 10
$\times 4.100$
Q. 7 In September 2021, who among the following was appointed as the Secretary of Department for Promotion of Industry and Internal Trade under the Ministry of Commerce and Industry?
Ans
X 1. Pradeep Singh

- 2. Anurag Jain

X 3. K Sanjay Murthy
X 4. Govind Mohan
Q. 8 Who among the following is the author of the book 'An Era of Darkness: The British Empire in India'?

Ans
X 1. Kiran Desai
2. Shashi Tharoor
3. Amitav Ghosh
4. Manmohan Singh
Q. 9 Which of the following monuments is similar in structure to the Taj Mahal?

Ans
X 1. Buland Darwaza
X 2. Panchmahal
3. Humayun's Tomb
4. Charminar
Q. 10 In which of the following states were Assembly Elections NOT held in 2021?

Ans
X 1. Kerala
X 2. Assam
3. West Bengal
4. Tripura
Q. 11 Census is conducted under the provisions of the Census Act, 1948, as per the Constitution of India, and this data is collected every $\qquad$ years.
Ans
-1. 10
人2. 15
3. 12
(4.5
Q. 12 पापार और वालि की वशेषता वाले क口 में और शहरों को $\qquad$ शहर/कपा कहा जाता है।
Ans
× 1. श शासिनक
2. खनन
3. औरोणगक
4. वारिण
Q. 13 Which of the following states had its first and India's 61st software technology park inaugurated in September 2021?
Ans
X 1. Tripura
2. Nagaland
3. Assam
4. Sikkim
Q. 14 As of September 2021, SBI Bank has 229 offices in $\qquad$ foreign countries.
Ans
$\times 1.23$
$\times 2.19$

- 3.31
$\times 4.43$
Q. 15 Which of the following is the first step in drinking water treatment?

Ans
$\times 1$. Disinfection
2. Coagulation and Flocculation
3. Sedimentation and Clarification
4. Filtration
Q. 16 In which of the following events in the Summer Olympics 2020, held in 2021, was there no silver medallist?
Ans $\times 1$. Men's Long Jump
X 2. Women's High Jump
X 3. Women's Long Jump

- 4. Men's High Jump
Q. 17 For which of the following brands was Neeraj Chopra signed on as the brand ambassador in September 2021?
Ans 1. TATA AIA Life Insurance

2. Flipkart

X 3. Cashify
4. Myntra
Q. 18 Who among the following is an orthodox slow left arm bowler?

Ans

1. Axar Patel
2. Ravichandran Ashwin
3. Umesh Yadav
4. Yuzvendra Chahal
Q. 19 The Constitution of the Parliament comes under the purview of Article $\qquad$ of the Constitution of India.
Ans
$\times 1.77$
5. 79
$\times 3.80$
X4.78
Q. 20 The date of which of the following tribal harvest festivals of Jharkhand falls on the last day of Pus (Pausha) month during winter?

Ans
X 1. Bandana
X 2. Karam

- 3. Tusu

X 4. Rohini
Q. 21 Who was the Viceroy of India at the time of the Kakori Train Robbery?

Ans
X 1. Lord Chelmsford
$\times$ 2. Lord Irwin
3. Lord Reading

X 4. Lord Hardinge II
Q. 22 Through which of the following mountains does the Konkan Railway pass?

Ans $\times 1$. Satpura Range
$\times 2$. Vindhya Range
X 3. Eastern Ghats
4. Western Ghats
Q. 23 Who among the following was appointed by Facebook India as the Director of Public Policy in September 2021?
Ans $\times 1$. Murali Natarajan
X 2. Rajesh Binda
X 3. Ankhi Das
4. Rajiv Aggarwal
Q. 24 India's first centralised AC railway terminal in Bengaluru, which was in the news in March 2021, is named after:

Ans

1. M Visvesvaraya

X 2. Verghese Kurien
X 3. Satish Dhawan
X 4. APJ Abdul Kalam
Q. 25 How many Tirthas are mentioned in Kautilya's 'Arthashastra'?

Ans
$\times 1.13$
$\times 2.32$
$\times 3.25$

- 4.18


## Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 09/02/2022 |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Selection Post Matriculation Level |

## Section: General Intelligence

Q. 1 Chetana is the daughter of Vilas's son. Suhas is the son of Raj. Kapila is the wife of Vilas. Chetana is the sister of Suhas. Prajakta is Chetana's mother. How is Kapila related to Raj?

Ans
$\times 1$. Sister
2. Wife
3. Paternal aunt
4. Mother

Question ID: 65497839322
Status: Answered
Chosen Option : 4
Q. 2 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

ILP, KHV, MDB, OZH, ?
Ans
X1. QWM
X 2.RVN
3. QVN
4. RWM
Q. 3 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans
X1. HMT
2. DKP

X 3. BGN
X 4. LQX
Q. 4 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans
$\times 1$.

2.

$\times 3$.

$\times 4$.

Q. 5 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

No train is a car.
No auto is a train.

## Conclusions:

I. No car is an auto.
II. All autos are cars.

Ans

1. Only conclusion I follows.
2. Only conclusion II follows.
3. Neither conclusion I nor conclusion II follows.

X 4. Either conclusion I or conclusion II follows.
Q. 6 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
$\mathbf{u}_{-} \mathbf{a}_{-} \mathbf{c} \mathbf{C}_{-} \mathrm{k}_{-} \mathbf{b} \mathbf{a}_{-} \mathbf{c} \mathbf{c}_{-} \mathbf{u}_{-} \mathbf{a} \mathbf{a}_{-} \mathbf{c k}$
Ans
1.bacuakbc

X2.backakbc
X 3.bauuakbc
X4.bacuakak
Q. 7 Select the number from among the given options that can replace the question mark (?) in the following series.
$1,5,10,23,63,167, ?$
Ans

1. 396
2. 369
3. 862
4. 826
Q. 8 In a certain code language, 'BHOPAL' is written as 'OBHLPA', and 'KANPUR' is written as 'NKARPU'. How will 'INDORE' be written in that language?
Ans
5. DINEOR
6. ERINDO

X 3. DNIORE
X 4. NIDROE
Q. $9 L$ is the father of $M . K$ is married to $L . R$ is the sister of $K$. $D$ is the son of $N . K$ is the mother-in-law of N. L has only one son and no daughter. R is married to P. S is the daughter of $P$. How is $D$ related to $L$ ?

Ans

1. Grandson
2. Nephew
3. Son
4. Uncle
Q. 10 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

17:255 :: 21 : ? :: 24 : 528
Ans
1.399
< 2.419
$\times 3.319$
$\times 4.499$
Q. 11 In a certain code language, 'PARK' is coded as ' 3749 ', and 'RACE' is coded as '4762'.How will 'CARE' be coded in that language?
Ans
X1. 7642

- 2.6742
$\times 3.7624$
$\times 4.6724$
Q. 12 Select the option that is related to the third term in the same way as the second term is related to the first term.

TRACK : MFFYE :: GLOBE : ?
Ans
X1. GTDQR
X 2. GTERS
X 3. GDTRQ

- 4. GETSR
Q. 13 Five persons Ritik, Aman, Vijay, Piyush and Nitin are sitting around a circular table facing away from the centre. Piyush is sitting to the immediate left of Ritik. Vijay and Aman are not the immediate neighbours of Ritik. Aman is sitting to the immediate right of Vijay.
Who is sitting to the immediate right of Nitin?
Ans
$X 1$. Piyush
X 2. Aman
- 3. Vijay

X 4. Ritik
Q. 14 Six children G, H, I, J, K and L are sitting around a circle facing opposite to the centre. $G$ is sitting second to the left of $K$. $H$ is sitting to the immediate right of $G$ and third to the left of J . I is sitting to the immediate left of J .
Who is sitting to the immediate left of $\mathbf{G}$ ?
Ans

1. L
$\times 2 . \mathrm{J}$
X 3.K
4.1
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.

## Statement:

All footballs are hockey sticks.
All hockey sticks are stumps.
No stump is a ring.
Conclusions:
I. Some stumps are footballs.
II. No hockey stick is a ring.
III. Some footballs are rings.

Ans
X1. Only conclusions I and III follow.
2. All conclusions I, II and III follow.
3. Only conclusions II and III follow.
4. Only conclusions I and II follow.
Q. 16 Select the number from among the given options that can replace the question mark (?) in the following series.
$248,257,250,259,252, ?$
Ans

- 1.261
$\times 2.272$
$\times 3.268$
$\times 4.258$
Q. 17 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 18 Select the correct mirror image of the given combination when the mirror is placed at $P Q$ as shown.

TA4 NGE $\left.2 N T\right|_{\mathbf{Q}} ^{\mathbf{P}}$
Ans
$x^{1 .} \mathrm{L} \forall \forall И E G S И L$
2. $L \forall+И G E S И L$
3. TMSGDUAAT
4. TMSDGUAAT
Q. 19 In a certain code language, ' $Z$ ' is coded as 261 , ' $R$ ' is coded as 189 , and ' J ' is coded as 1017. How will ' $P$ ' be coded in that language?

Ans

1. 1611
2. 1119
$\times 3.1607$
< 4.1512
Q. 20 Which two signs should be interchanged to make the given equation correct?
$306 \div 17+4-50 \times 8=30$
Ans
<1. $\div$ and $\times$
v 2. + and $\times$
$\times 3 . \times$ and -
3.     + and -
Q. 21 In a certain code language, 'you can go' is written as 'sat nat pat', 'they can join' is written as 'pat gat zat', and 'they are ready' is written as 'dat zat yat'. How will 'join' be written in that language?
Ans
X1. zat

- 2. gat

X 3. pat
X 4. dat
Q. 22 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. REPRESSIVE
2. REPROACH
3. REPRIMAND
4. REPRISAL
5. REPRIEVE

Ans
X $1.3,5,1,4,2$
$\times 2,2,5,1,4,3$
<3.2,5,1, 3, 4
4. $1,5,3,4$, 2
Q. 23 In a certain code language, 'FLOWER' is coded as '166', and 'SHIFT' is coded as ' 73 '. How will 'VOLUME' be coded in that language?
Ans
X 1.212
2. 222
$\times 3.184$
4. 148
Q. 24 In a certain code language, 'FROG' is coded as 92, and 'DUCK' is coded as 78. How will 'BEAR' be coded in that language?

Ans
X 1.64
$\times 2.78$

- 3.52
4.82
Q. 25 'Assist' is related to 'Help' in the same way as 'Trash' is related to ' $\qquad$ ,
Ans
X1. Purity

2. Garbage

X 3. Computer
4. Memory

Section: English Language
Q. 1 Select the INCORRECTLY spelt word.

Ans

- 1. Gingar

X 2. Glacier
X 3. Girdle
4. Glitter
Q. 2 Select the option that can be used as a one-word substitute for the given group of words.

A room where food, crockery and cutlery are kept
Ans
X 1. Gallery
2. Pantry

X 3. Bakery
X 4. Dispensary
Q. 3 Select the most appropriate synonym of the given word.

Camouflage
Ans
X 1. Open
2. Mask

X 3. Reveal
$X$ 4. Show
Q. 4 Select the most appropriate synonym of the given word.

Lure
Ans

1. Reject

X 2. Push
3. Attract
4. Free
Q. 5 Select the most appropriate word to fill in the blank.

The new school is really wonderful as it is activity- based and believes in $\qquad$ learning.
Ans
X1. ministerial
2. superficial
3. theoretical
4. experiential
Q. 6 Select the most appropriate option to fill in the blank.

I $\qquad$ out of the bed when I heard a noise in the room.

Ans

1. sprang
2. rose
3. skipped

X 4.took

## Q. 7 Select the wrongly spelt word.

Ans
X1. production
X 2. technology
X 3. primate4. adrese
Q. 8 Select the correct passive form of the given sentence.

You can see several neem trees along the road to Connaught place.
Ans
X1. Many are seeing several neem trees along the road to Connaught Place.
X 2. Several neem trees were to be seen along the road to Connaught Place.
3. Several neem trees can be seen along the road to Connaught Place.

X 4. Neem trees had been seen along the road to Connaught Place.
Q. 9 Select the option that can be used as a one-word substitute for the given group of words.

A person who studies the Earth and the materials of which it is made
Ans
<1. Anthropologist
( 2. Biologist
3. Geologist
4. Zoologist
Q. 10 Select the option that expresses the given sentence in indirect speech.

She said to me, "I am busy today."
Ans
X 1 . She told me that I am busy today.
2. She told me that she was busy that day.

X 3. She said me that she was busy that day.
X4. She said to me that she was busy today.
Q. 11 Select the wrongly spelt word.

Ans

1. Voilence
2. Yield
$\times$ 3. Fiend
3. Secretion
Q. 12 Select the most appropriate meaning of the given idiom.

## Spill the beans

Ans

1. To give away a secret
2. To postpone a plan
3. To spoil something
4. To not save anything
Q. 13 Select the most appropriate ANTONYM of the given word.

## Eliminate

Ans

1. Add
2. Ignore
3. Exclude
4. Cancel
Q. 14 Select the most appropriate ANTONYM of the given word.

Obstruct
Ans
$X 1$. Hinder
X 2. Block
X 3. Curb
4. Allow
Q. 15 Select the most appropriate meaning of the given idiom.

Have your back against the wall
Ans
X1. To be able to successfully tackle a difficult task
X 2. To be humiliated and bullied by a superior at work
X 3. To have a strong group of people supporting you
4. To be in a desperate situation with very few options

## Comprehension:

Read the given passage and answer the questions that follow.
The film industry is facing the challenge of the television screen which, because of its ready availability and nearness to entertainment seekers, is becoming very popular, particularly in the West where television programmes are as indispensable to people as newspaper material. Sustained entertainment for multitudes lasting two or three hours is possible only in big cinema halls. Scenic beauty, background effects and colour techniques which have made the products of cinema industry so attractive and delightful may not be reproduced by television programme organisers, and therefore, this important invention in the field of wireless communication, in spite of having become a big rival of the cinema, may not succeed in replacing it.
The motion picture has also stepped into the international sphere as an agent of goodwill and co-operation among nations. Cultural contacts which tend to reduce tension in the world and bring harmony in international relations have been established through the medium of films. The more people understand and appreciate the past history, present aims, customs, habits and beliefs of men and women in foreign lands, the more will they realise that their interests can best be served by establishing friendly relations with them and by removing those irritants which breed distrust, lack of co-operation and the desire to punish those whose views and attitudes are such as they do not like. As cultural agents movies can cement ties of love and brotherhood among nations and teach them to confer on each other the benefits of all the rich and glorious achievements of the present enlightened age. In recent years, artists of the film world have been visiting foreign lands with a view to presenting before the audience in those countries the best products of their cultural heritage. Film festivals which many European and Asian countries have been organising from time to time have also proved to be of immense value in reducing social barriers, colour prejudices and other causes of friction between nations.

SubQuestion No : 16
Q. 16 Which of the following does NOT make the cinema more attractive than the television?

Ans $\times 1$. Colour techniques

- 2. Large audiences

X 3. Background effects
X 4. Scenic beauty

## Comprehension:

Read the given passage and answer the questions that follow.
The film industry is facing the challenge of the television screen which, because of its ready availability and nearness to entertainment seekers, is becoming very popular, particularly in the West where television programmes are as indispensable to people as newspaper material. Sustained entertainment for multitudes lasting two or three hours is possible only in big cinema halls. Scenic beauty, background effects and colour techniques which have made the products of cinema industry so attractive and delightful may not be reproduced by television programme organisers, and therefore, this important invention in the field of wireless communication, in spite of having become a big rival of the cinema, may not succeed in replacing it.
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SubQuestion No: 17
Q. 17 According to the passage, what is the prime reason for the popularity of the television?

Ans
X 1 . Sustained entertainment
X 2. Achievements of the present age
3. Easy availability and access

X4. Interesting programmes

## Comprehension:

Read the given passage and answer the questions that follow.
The film industry is facing the challenge of the television screen which, because of its ready availability and nearness to entertainment seekers, is becoming very popular, particularly in the West where television programmes are as indispensable to people as newspaper material. Sustained entertainment for multitudes lasting two or three hours is possible only in big cinema halls. Scenic beauty, background effects and colour techniques which have made the products of cinema industry so attractive and delightful may not be reproduced by television programme organisers, and therefore, this important invention in the field of wireless communication, in spite of having become a big rival of the cinema, may not succeed in replacing it.
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SubQuestion No: 18
Q. 18 Select the word from the passage which means the same as 'Crucial'.

Ans $\times 1$. Glorious
2. Indispensable

X 3. Delightful
X 4. Immense

## Comprehension:

Read the given passage and answer the questions that follow.
The film industry is facing the challenge of the television screen which, because of its ready availability and nearness to entertainment seekers, is becoming very popular, particularly in the West where television programmes are as indispensable to people as newspaper material. Sustained entertainment for multitudes lasting two or three hours is possible only in big cinema halls. Scenic beauty, background effects and colour techniques which have made the products of cinema industry so attractive and delightful may not be reproduced by television programme organisers, and therefore, this important invention in the field of wireless communication, in spite of having become a big rival of the cinema, may not succeed in replacing it.
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SubQuestion No: 19
Q. 19 Through the medium of films:

Ans $\quad \times 1$. distrust between nations is strengthened
2. harmony in international relations can be achieved

X 3. ties of love and brotherhood can be severed
$X 4$. lack of cooperation is encouraged

## Comprehension:

Read the given passage and answer the questions that follow.
The film industry is facing the challenge of the television screen which, because of its ready availability and nearness to entertainment seekers, is becoming very popular, particularly in the West where television programmes are as indispensable to people as newspaper material. Sustained entertainment for multitudes lasting two or three hours is possible only in big cinema halls. Scenic beauty, background effects and colour techniques which have made the products of cinema industry so attractive and delightful may not be reproduced by television programme organisers, and therefore, this important invention in the field of wireless communication, in spite of having become a big rival of the cinema, may not succeed in replacing it.
The motion picture has also stepped into the international sphere as an agent of goodwill and co-operation among nations. Cultural contacts which tend to reduce tension in the world and bring harmony in international relations have been established through the medium of films. The more people understand and appreciate the past history, present aims, customs, habits and beliefs of men and women in foreign lands, the more will they realise that their interests can best be served by establishing friendly relations with them and by removing those irritants which breed distrust, lack of co-operation and the desire to punish those whose views and attitudes are such as they do not like. As cultural agents movies can cement ties of love and brotherhood among nations and teach them to confer on each other the benefits of all the rich and glorious achievements of the present enlightened age. In recent years, artists of the film world have been visiting foreign lands with a view to presenting before the audience in those countries the best products of their cultural heritage. Film festivals which many European and Asian countries have been organising from time to time have also proved to be of immense value in reducing social barriers, colour prejudices and other causes of friction between nations.

SubQuestion No : 20
Q. 20 Which of the following statements is NOT true?

Ans $\times 1$. Films provide an opportunity to understand the beliefs and customs.
X 2. Artists from the film world visit foreign lands to showcase their cultural heritage.
3. Television is likely to replace cinema in view of its increasing popularity.

X 4. Film festivals help in bringing nations closer to each other.

## 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.

Nike gave its office workers a week-long holiday to help them de-stress (1) $\qquad$ worries over the COVID-19 pandemic. The sportswear giant (2) $\qquad$ its offices so workers could
"enjoy additional time off (3) $\qquad$ and recover". A senior manager at Nike (4) $\qquad$ "Our senior leaders are all sending a clear message - take the time to unwind, de-stress and spend (5) $\qquad$ with your loved ones." Nike's stores did not close. Store workers worked as
usual.
SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank No. 1.

Ans

- 1. from
$\times 2$. of
X 3. about
X4. with


## 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.

Nike gave its office workers a week-long holiday to help them de-stress (1) $\qquad$ worries over the COVID-19 pandemic. The sportswear giant (2) $\qquad$ its offices so workers could "enjoy additional time off (3) $\qquad$ and recover". A senior manager at Nike (4) $\qquad$ "Our senior leaders are all sending a clear message - take the time to unwind, de-stress and spend (5) $\qquad$ with your loved ones." Nike's stores did not close. Store workers worked as usual.

SubQuestion No : 22
Q. 22 Select the most appropriate option to fill in blank No. 2.

Ans
$\times 1$. closing
$\times$ 2. close
X 3.closes

- 4. closed


## 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.

Nike gave its office workers a week-long holiday to help them de-stress (1) worries over the COVID-19 pandemic. The sportswear giant (2) $\qquad$ its offic
"enjoy additional time off (3) $\qquad$ and recover". A senior manager at Nike (4) $\qquad$ "Our
senior leaders are all sending a clear message - take the time to unwind, de-stress and spend (5) $\qquad$ with your loved ones." Nike's stores did not close. Store workers worked as usual.

SubQuestion No: 23
Q. 23 Select the most appropriate option to fill in blank No. 3.

Ans
. to rest
X 2. rested
X 3. to resting
X4.rest

## 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.

Nike gave its office workers a week-long holiday to help them de-stress (1) $\qquad$ worries
over the COVID-19 pandemic. The sportswear giant (2) $\qquad$ its offices so workers could
"enjoy additional time off (3) $\qquad$ and recover". A senior manager at Nike (4) $\qquad$ "Our
senior leaders are all sending a clear message - take the time to unwind, de-stress and spend (5) $\qquad$ with your loved ones." Nike's stores did not close. Store workers worked as
usual.
SubQuestion No: 24
Q. 24 Select the most appropriate option to fill in blank No. 4.

Ans
X 1 . spoke
X 2. told

- 3. said

X 4. talked

## 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.

Nike gave its office workers a week-long holiday to help them de-stress (1) $\qquad$ worries over the COVID-19 pandemic. The sportswear giant (2) $\qquad$ its offices so workers could "enjoy additional time off (3) $\qquad$ and recover". A senior manager at Nike (4) $\qquad$ "Our senior leaders are all sending a clear message - take the time to unwind, de-stress and spend (5) $\qquad$ with your loved ones." Nike's stores did not close. Store workers worked as usual.

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in blank No. 5.

Ans
X 1 . money
X 2. days
3. hours

- 4. time


## Section : Quantitative Aptitude

Q. 1 A man sold an article for $₹ 9,700$ and earned a profit of $25 \%$. What would have been his profit or loss per cent (to the nearest integer), had he sold it for $₹ 8,400$ ?

Ans

1. Loss, 9\%
2. Loss, $8 \%$
3. Profit, 8 \%
4. Profit, $9 \%$
Q. 2 Find the smallest number which should be added to 3029 to get a number divisible by 18 .

Ans

1. 13
2. 9
3. 4
4. 22
Q. 3 A certain sum amounts to $₹ 15,179$ in $8 \frac{1}{2}$ years at $9 \%$ p.a. simple interest, What will be the simple interest (in ₹) on the
same sum in $5 \frac{1}{2}$ years at the same rate of interest?
Ans
5. 4,158
6. 4,257
7. 4,356
8. 4,455
Q. 4 If the 8 -digit number 63 k 4021 p is divisible by 72 , then find the value of $(5 \mathrm{k}-3 \mathrm{p})$.

Ans
-1. 7
X 2. -2
$\times 3.2$
$\times 4 .-7$
Q. 5 If $\frac{x}{y}+\frac{y}{x}=1$, and $x, y \neq 0$, then find the value of $x^{6}+y^{6}+2 x^{3} y^{3}$.

Ans
-1. 0
X2. 1
3. $x^{3} y^{3}$
4. $3 x^{3} y^{3}$
Q. 6 A can do a work in 8 days and $B$ can do the same work in 12 days. If they work on it for 3 days, then what fraction of the work is left?
Ans
$\times 1 . \frac{19}{24}$
X2. $\frac{5}{8}$
$\times 3 . \frac{17}{20}$
-4. $\frac{3}{8}$
Q. 7 In an examination, Shilpa scored $72.5 \%$ marks. Her friend who scored $78 \%$ marks has 88 marks more than her. Find the maximum marks of the examination.
Ans
X1. 1500
2. 1600
$\times 3.1800$
$\times 4.1450$
Q. 8 A shopkeeper sells an item for $₹ 462$ after offering a discount of $25 \%$ on its list price. Had he not offered any discount he would have earned a profit of $10 \%$. What is the cost price (in ₹) of the article?

Ans
$\times 1.580$
$\times 2.540$
$\times$ 3. 550
-4. 560
Q. 9 Find the value of $22.2 \times 22.2+124.32+2.8 \times 2.8$.

Ans
$\times 1.48$
$\times 2.25$
$\times 3.550$

- 4.625
Q. 10 What is the value of p if the average of the following numbers is 14 ?
$27,32,14,0, p, 10,15$
Ans

1. 1
2. 0
$\times 3.7$
X4. 5
Q. 11 The amount of a certain sum at simple interest at $8 \%$ per annum in $7 \frac{1}{2}$ yeais is $₹ 3,000$ less than twice the sum. The sum (in ₹) is:
Ans
3. 6,500
4. 7,500
5. 7,000
6. 7,200
Q. 12 The ratio of boys and girls in the class is $4: 3$. If 5 more boys join the class and 3 girls leave the class, then the ratio of boys and girls becomes $11: 6$. What is the number of girls in the class now?

Ans

1. 18
2. 24
$\times 3.27$
X4. 21
Q. 13 Iwo trains A and B start at uniform speeds, simultaneously from two stations $P$ and $Q$, respectively, towards each other. After crossing each other, A takes 20 hours to reach Q and B takes 5 hours to reach P . If train A is moving at a speed of $55 \mathrm{~km} / \mathrm{h}$, the speed of $\mathrm{B}(\mathrm{in} \mathrm{km} / \mathrm{h})$ is:
Ans
$\times 1.112$
$\times 2.100$

- 3. 110
$\times 4.105$
Q. 14 The amount of a certain sum at simple interest at $12.5 \%$ p.a. in 5 years is $₹ 1,725$ more than the simple interest on the same sum at the same rate in 10 years. The sum (in ₹) is:

Ans

1. 4,600
2. 5,200
3. 4,800
4. 4,500
Q. 15 A shopkeeper offers successive discounts of $18 \%$ and $15 \%$ and sells the item for $₹ 34,850$. What is its marked price (in ₹)?
Ans
5. 47,500
6. 50,000
7. 46,350
8. 51,500
Q. 16 Find the value of $(16.4 \%$ of 1095$)-(3.5 \%$ of 324$)$.

Ans
$\times 1.169 .75$
$\times 2.165 .2$
3. 166.5
4. 168.24
Q. 17 If the selling price of 30 articles is equal to the cost price of 45 articles, the loss or gain per cent is:

Ans

1. $25 \%$ gain
2. $50 \%$ gain
3. $40 \%$ loss
4. $30 \%$ loss
Q. 18 A field is in the shape of a chombus. Its perimeter is 584 m and the length of one of its diagonal is 220 m . What is the
area (in $\mathrm{m}^{2}$ ) of the field?
Ans
5. 21,450
6. 20,900
7. 21,120
8. 21,010
Q. 19 A number is first increased by $35 \%$ and then again increased by $25 \%$. The number, so obtained, is decreased by $40 \%$. The net increase or decrease per cent in the number is:
Ans
9. increase by $20 \%$
10. decrease by $1.25 \%$
11. decrease by $12.5 \%$
12. increase by $1.25 \%$
Q. 20 Out of 32 numbers, the average of the first 16 numbers is 54 and the average of the last 15 numbers is 57 . If the $17^{\text {th }}$ number is excluded, what will be the average of the remaining numbers (correct to one decimal place)?

Ans

1. 57.9
2. 58.7
3. 55.5

X4. 54.6
Q. 21 A man covers a certain distance at the speed of $\mathrm{km} / \mathrm{h}$ and returns to the starting point at $56 \mathrm{~km} / \mathrm{h}$. If his average speed for the whole joumey is $63 \mathrm{~km} / \mathrm{h}$, then what is the value of x ?
Ans

1. 75
$\checkmark 2.72$
X 3. 80
$\times 4.70$
Q. 2225 women can do one-third of a work in 6 days. How many women should be employed so that the work is completed in 5 days?
Ans
90
2. 50
3. 30
4. 60
Q. 23 The average height of a group of 16 students was 164 cm . Four students of height $153 \mathrm{~cm}, 158 \mathrm{~cm}, 166 \mathrm{~cm}$ and 145 cm left the group. Nine new students of average height 167 cm joined the remaining group. What is the new average (in cm , to the nearest whole number) of the students in the group?
Ans
5. 167
6. 166

- 3. 164

4. 170
Q. 24 What is the fourth proportional to $0.6,0.12,0.04$ ?

Ans
$x$. 0.1
2. 0.08
3. 0.008
4. 0.68
Q. 25 A vendor sells a refrigerator for a sum of money which is $\frac{18}{25}$ of its cost price. What is his loss or profit percentage?

Ans 1. Loss, $28 \%$
2. Profit, $25 \%$
3. Profit, $28 \%$
4. Loss, $25 \%$

Section : General awareness
Q. 1 The square root of the dimension of energy divided by mass is the same as that of:

Ans
$\times 1$.

1. acceleration
2. time
3. velocity
4. displacement
Q. 2 The Rigvedic name of river Chenab was:

Ans

1. Askini
2. Sindhu
3. Parushni
4. Vitasta
Q. 3 Suppose you earn ₹100 on the first day of every month and run down this balance evenly over the rest of the month, then your cash balances (in ₹) at the beginning and the end of the month are:

Ans
X 1.50 and 0
2. 100 and 0
3. 0 and 100
4. 50 and 50
Q. 4 Crayfish and ticks are classified into $\qquad$ , respectively.
Ans

1. Crustacean and Arachnida
2. Arachnida and Myriapoda
3. Crustacean and Insecta
4. Myriapoda and Insecta
Q. 5 Natural earthquakes mostly take place in the $\qquad$ -
Ans
X1. Hydrosphere
5. Lithosphere
6. Ionosphere
7. Troposphere
Q. 6 Which of the following is one of the largest freshwater lakes in Assam and the State's only Ramsar site besides being an Important Bird Area?
Ans
X1. Umiam lake
X 2. Loktak lake
X 3. Ward's lake
8. Deepor Beel or Dipor Bi
Q. 7 The Kandariya Mahadeva temple, dedicated to Shiva, was constructed in 999 CE by the king Dhangadeva of the $\qquad$ dynasty.
Ans
9. Western Ganga
10. Chandela
11. Chola
12. Eastern Ganga
Q. 8 An outdoor Polo team comprises of $\qquad$ players.
Ans
$\times 1.9$
$\times 2.8$

- 3.4
$\times 4.13$


## Q. 9 The distance reached by the javelin in the gold medal winning throw by Neeraj Chopra

 at the Olympic games held in Tokyo in 2021 lay between $\qquad$ _.Ans
$\times 1.86 .5 \mathrm{~m}$ and 87.0 m
2. 87.5 m and 88.0 m

X 3.86 .0 m and 86.5 m
4.87 .0 m and 87.5 m
Q. 10 In the context of Buddhism, 'Mahayana' meant the:

Ans
X1. great sacrifice
2. great war
3. great vehicle
4. great victory
Q. 11 Of which political party is a coconut the reserved symbol?

Ans
X 1. Naga People's Front
X 2. Telegu Desam
X 3. All India Forward Bloc
4. Goa Forward Party
Q. 12 Who among the following delivered the inaugural address of the Shikshak Parv, via video conferencing, on 7th September 2021?
Ans
X1. Dharmendra Pradhan
2. Narendra Mod

X 3. CNR Rao
X 4. Amartya Sen
Q.13 A PAN card issued by the Income Tax Department of India bears an alphanumeric code of how many characters?

Ans
$\times 1.12$
<2. 9
3. 10
4. 8
Q. 14 Which of the following monuments is NOT located in Fatehpur-Sikri?

Ans
X 1. Jodha Bai's Palace
X 2. Panchmahal
3. Garib Nawaz Dargah

X 4. Buland Darwaza
Q. 15 During the process of respiration in plants, which of the following is NOT released as a product?
Ans
X1. Carbon dioxide
X 2. Energy

- 3. Oxygen

X4. Water
Q. 16 Which of the following institutions collaborated with Bank of America for Centre for Digital Transformation in 2021?

Ans
X 1. IIM Delhi
2. IIM Lucknow
3. IIM Ahmedabad

X 4. IIM Indore
Q. 17 In which city is the Rabindranath Tagore Beach located?

Ans
$X$ 1. Mumbai
2. Tuticorin
3. Karwar
4. Paradeep
Q. 18 Who among the following was appointed as the Governor of Uttarakhand in September 2021?
Ans
<1. RN Ravi
2. Jagdish Mukhi
3. Baby Rani Maurya
4. Gurmit Singh
Q. 19 Who among the following is the author of 'India grows at night'?

Ans
X1. Shashi Tharoor
2. P V Narasimha Rao
3. Jawaharlal Nehru
4. Gurcharan Das
Q. 20 In which of the following places is the High Court of Chhattisgarh situated?

Ans

1. Bilaspur

X 2. Raigarh
$\times$ 3. Bhilai
4. Raipur
Q. 21 Which among the following ministers has chaired the First General Council Meeting of the Khelo India Scheme?
Ans

1. Union Sports Minister
2. Union Defence Minister
3. Union Education Minister
4. Union Commerce Minister
Q. 22 Srikalahasti Temple is located in the state of:

Ans

1. Andhra Pradesh
2. Karnataka

X 3. Telangana
4. Tamil Nadu
Q. 23 To improve cultivation in Doab, Muhammad bin Tughlaq set up a separate agriculture department known as:
Ans

1. Diwan-i-Istiaq
2. Diwan-i-Amir-Kohi

X 3. Diwan-i-Mustakhraj
4. Diwan-i-Arz
Q. 24 Which of the following political parties won the most votes after the TMC (Trinamool Congress) in the West Bengal Assembly Polls were held during March-April 2021?
Ans
$\times 1$ INC
2. BJP

X 3 . CPM
$\times 4 . \mathrm{CPI}$
Q. 25 Who among the following was appointed as the first brand ambassador of Cashify in August 2021?
Ans

1. Rajkumar Rao
2. Akshay Kumar
3. Salman Khan

I
4. Sonu Sood

Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 10/02/2022 |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

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

Ans
AB__K_DEK_B_K
X 1 . DEBBAAK
X 2. EDABAED
X 3.EDBABED

- 4. DEABADE

Read the given statements and conclusions carefully. Assuming that the informationgiven 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 from the statements.

## Statements:

No bird is a parrot.
Some pigeons are birds.
All crows are parrots.
Conclusions:
I. No bird is a pigeon.
II. All parrots are definitely not birds.

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 In a certain code language, 'SHARP' is written as 'LOATN'. How will 'VAPID' be written in that language?
Ans
X 1. ERTHE
5. WZPZM
6. ERPHE
7. WZLZM
Q. 4 In a certain code language, 'HEADLIGHT' is written as 'JGCFNKIJV'. How will 'INADVISABLE' be written in that language?
Ans
8. KQDEXKUDEOG
9. KPDFXLUCDNG
10. KPCFXKUCDNG
< 4. KQCFXLUDENG
Q. 5 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

OMU, NOT, MQS, LSR, ?
Ans
X1.JVP

- 2. KUQ

X 3.JUQ
X4. KVO
Q. 6 In a certain code language, 'DOME' is coded as ' 74 ' and 'PLACE' is coded as ' 74 '. How will 'FLOOD' be coded in that language?
Ans
$\times 1.100$
$\times 2.91$

- 3.104
(4.70
Q. 7 In a certain code language, 'TABLE' is coded as '10177625'. How will 'GLOBAL' be coded in that language?
Ans

1. 1767201712
2. 1267101712
< 3. 1776021721
3. 2171027671
Q. 8 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

65:192:: 78 : ? :: 93 : 220
Ans
$\times 1.234$
$\times 2.198$

- 3.205
$\times 4.223$
Q. 9 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All players are actors.
Some writers are actors.
Conclusions:
(I) All players are writers.
(II) Some writers are players.

Ans
X1. Only conclusion I follows
X 2. Only conclusion II follows
X 3. Either conclusion I or II follows
2. Neither conclusion I nor II follows
Q. 10 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

2.

3.

$\times 4$

Q. 11 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

## 1.Nutriment

2. Numerable
3. Numerology
4. Nuisance
5. Numerical
6. Nucleolus

Ans

1. $6,4,2,5,3,1$
2. $6,4,2,1,3,5$
3. 4, 6, 2, 1, 5, 3
4. $4,6,1,2,3,5$
Q. 12 Select the number from among the given options that can replace the question mark (?) in the following series.
$5,8,12,20,37,70$, ?
Ans
$\times 1.183$
$\times 2.138$
$\times 3.182$

- 4.128
Q. 13 Vinod is the grandfather of Riya. Riya is the daughter of Nikhil. Gauri is the wife of Nikhil. Sohan is the brother of Nikhil. How is Sohan related to Riya?
Ans
$\chi$ 1. Father's father

2. Brother
3. Father's brother
4. Son
Q. 14 Sanju has a family of eight members. Binodh is the eldest male member of the family and is married to Narmada. Hayati is the daughter-in-law of Narmada and the sister-inlaw of Suvid and Alekya. Apart from Sanju and Binodh, Suvid is the only male member of the family. Alekya is the aunt of Sanju's two daughters, Sarayu and Dakshi. How is Dakshi related to Suvid's brother?
Ans
X1. Sister
X 2. Daughter-in-law
5. Daughter
6. Sister-in-law
Q. 15 Which two signs need to be interchanged to make the following equation correct?
$25-48+6 \div 12 \times 2=41$
Ans
X1. - and +
7. $\times$ and $\div$

- $3 . \div$ and +

4. $\div$ and -
Q. 16 Eight persons A, B, C, D, E, F, G and H are sitting around a circular table, facing towards the centre of the table. A sits to the immediate right of $F$. $D$ is sitting second to the right of $A$. $C$ is fourth to the left of $D$. $B$ is sitting between $H$ and $E$. $E$ is fourth to the right of $G$. Who sits second to the left of $A$ ?
Ans
X1. D
$\times 2$. E

- 3.C
$\times 4 . \mathrm{F}$

Q． 17 Six persons $L, M, N, O, P$ and $Q$ are sitting in a straight line facing towards the east．
Only two persons are sitting to the left of $P$ ，who is sitting third to the left of $L$ ．$M$ and $N$ are not sitting at any of the ends．$M$ and $P$ are the immediate neighbours of $Q$ ．
Who is sitting at the second position from the left end？
Ans
$X 1 . Q$
2．N
X 3．M
－ 4.0

Q． 18 Select the conrect mirror image of the given combination when the mirror is placed at $P Q$ as shown．
S AN7ITIZ2ER ${ }^{\text {P }}$
Ans
1．ЯヨSSITI「UA 己
2．2 $\forall \Lambda J I L I S S E K$
3．Я団 $2 S I T I \Gamma$ A
4．2Vル」ILIよてEK

Q． 19 In the series $547,568,589, \ldots \ldots$. what will be the 15 th number？
Ans
X1．894
$\times 2.862$
－ 3.841
$\times 4.883$

Q． 20 In a certain code language，＇TIGER＇is written as＇SGJMY＇，and＇HORSE＇is written as ＇FUUSM＇．How will＇PANDA＇be written in that language？
Ans
1．BFQEU
2．BERFU
X 3．CERFV
4．CFQEU
Q. 21 In a certain code language, 'please have food' is coded as ' 644 ', 'are you coming' is coded as ' 336 ', and 'keep it ready' is coded as ' 425 '. How will 'they were most welcome' be coded in that language?

Ans

1. 4447
2. 3122
3. 3347
4. 4456
Q. 22 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

Q. 23 Select the option that is related to the third term in the same way as the second term is related to the first term.

SECURITY : MKCIRUNE :: UNBIASED : ?
Ans
X1. AHABISKX
2. OTABISYJ

X 3. OTBSAIKX
4. OTVOUYYJ
Q. 24 Select the option that is related to the third term in the same way as the second term is related to the first term.

SALT : UDFS :: LOCK : ?
Ans
X1.NLWL
X 2. JLWJ
X 3.NWRJ
4.NRWJ
Q. 25 Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

Ans
X 1.WXZ
X 2. GHJ
X 3. MNP
4. TUV

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

The young one of a cow
Ans
X1. Foal
X 2. Lamb
X 3. Cub
4. Calf
Q. 2 Select the option that expresses the given sentence in passive voice.

His mother is staring at him.
Ans
1 . He is being stared at by his mother.
2. He was stared at by his mother.

X 3 . He was being stared by his mother.
4. He is stared at by his mother.

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

He always had a close $\qquad$ with his grandfather.
Ans

1. affinity
2. unity
3. regard
4. company
Q. 4 Select the most appropriate meaning of the given idiom.

Pain in the neck
Ans
$X$ 1. To be unable to deal with someone stronger
2. Someone or something that is very annoying

X 3. To suffer pain because of overexertion of neck muscles
4. To relieve someone from a painful condition
Q. 5 Select the most appropriate meaning of the given idiom.

Make a bee line
Ans
$X$ 1. put the bees in a line
$\times 2$ 2. look for freebies
$X$ 3. stand in a queue
4. go straight to
Q. 6 Select the most appropriate synonym of the given word.

Chaos
Ans
$X$ 1. Disability
X 2. Disagreement
3. Disharmony

X 4. Disappearance
Q. 7 Select the option that expresses the given sentence in indirect speech.

The airport official said, "The daily footfall of passengers has increased significantly since last year."
Ans
$X$ 1. The airport official said that the daily footfall of passengers has increased significantly since last year.
X 2. The airport official said that the daily footfall of passengers was increased significantly
since last year.
3. The airport official said that the daily footfall of passengers had increased
significantly since the previous year.
X 4. The airport official told that the daily footfall of passengers has increased significantly since the previous year.
Q. 8 Select the option that can be used as a one-word substitute for the given group of words.

A group of people, especially traders or pilgrims, travelling together across a desert
Ans
$X 1$. Procession
$X$ 2. Convoy
X 3. Parade
4. Caravan

## Q. 9 Select the INCORRECTLY spelt word.

Ans

1. Millenium

X 2. Million
$X$ 3. Milliner
X 4. Millipede
Q. 10 Select the most appropriate option to fill in the blank.

It has been $\qquad$ a pleasure to meet you!
Ans
X1.so
$\checkmark$
2. such
3. much
4. more
Q. 11 Select the most appropriate synonym of the given word.

Reliable
Ans
$X$ 1. Dishonest
$\times$ 2. False
3. Stable

X 4. Weak
Q. 12 Select the INCORRECTLY spelt word.

Ans

1. Wellfare
$\times 2$. Partner
X 3.Appeal
$X$ 4. Address
Q. 13 Select the INCORRECTLY spelt word.

Ans
$X 1$. Protect
X 2. Propose
3. Protien

X 4. Protest
Q. 14 Select the most appropriate ANTONYM of the given word.

Moist
Ans
X 1. Damp
2. Sweaty
3. Dry
4. Wet
Q. 15 Select the most appropriate ANTONYM of the given word.

## Manufacture

Ans
$X 1$. Fabricate
$\times 2$. Produce
3. Destroy
$\times$ 4. Build

## Comprehension:

Read the given passage and answer the questions that follow.
Have you ever failed at something so miserably that the thought of attempting to do it again was the last thing you wanted to do?
If your answer is yes, then you are not a robot. Unlike robots, we human beings have feelings, emotions and dreams. We are all meant to grow and stretch despite our circumstances and our limitations. Flourishing and trying to make our dreams come true is great when life is going our way. But what happens when it's not? What happens when you fail despite all your hard work? Do you stay down and accept the defeat or do you get up again and again until you are satisfied? If you have a tendency to keep going, then you have what experts call grit. Falling down or failing is one of the most agonising, embarrassing and scariest human experiences. But, it is also one of the most educational, empowering and essential parts of living a successful and fulfilling life. Did you know that perseverance is one of the seven qualities that have been described as the keys to personal success and betterment in society? The other six are: curiosity, gratitude, optimism, self-control, social intelligence and zest. Thomas Edison is a model for grit for trying 1,000 plus times to invent the light bulb. If you are reading this with the lights on in your room, you know well he succeeded. When asked why he kept going despite his hundreds of failures, he merely stated that they were not failures. They were hundreds of ways not to create a light bulb. This statement not only revealed his grit but also his optimism for looking at the bright side.
Grit can be learnt to help you become more successful. One of the techniques that help is mindfulness. Mindfulness is a practice that helps the individual stay in the moment by bringing awareness of his or her experience without judgment. This practice has been used to quiet the noise of their fears and doubts. Through the simple practice of mindfulness, individuals have the ability to stop the self-sabotaging downward spiral of hopelessness, despair and frustration.

SubQuestion No : 16
Q. 16 Select the word from the passage that means the same as 'grit'.

Ans

1. Perseverance

X 2. Gratitude
X 3. Curiosity
X 4. Optimism

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SubQuestion No : 17
Q. 17 Which of the following qualities would you find in a robot?

Ans
X1. Dreams
X 2. Feelings
X 3. Emotions4. Precision

## Comprehension:

Read the given passage and answer the questions that follow.
Have you ever failed at something so miserably that the thought of attempting to do it again was the last thing you wanted to do?
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SubQuestion No : 18
Q. 18 Which of the following statements is NOT true?

Ans $\times 1$. Failing leads to embarrassment.
X 2. Optimism can help overcome failure.
2. One should give up if one fails repeatedly.
$\times 4$. Failure empowers and educates.

## Comprehension:

Read the given passage and answer the questions that follow.
Have you ever failed at something so miserably that the thought of attempting to do it again was the last thing you wanted to do?
If your answer is yes, then you are not a robot. Unlike robots, we human beings have feelings, emotions and dreams. We are all meant to grow and stretch despite our circumstances and our limitations. Flourishing and trying to make our dreams come true is great when life is going our way. But what happens when it's not? What happens when you fail despite all your hard work? Do you stay down and accept the defeat or do you get up again and again until you are satisfied? If you have a tendency to keep going, then you have what experts call grit. Falling down or failing is one of the most agonising, embarrassing and scariest human experiences. But, it is also one of the most educational, empowering and essential parts of living a successful and fulfilling life. Did you know that perseverance is one of the seven qualities that have been described as the keys to personal success and betterment in society? The other six are: curiosity, gratitude, optimism, self-control, social intelligence and zest. Thomas Edison is a model for grit for trying 1,000 plus times to invent the light bulb. If you are reading this with the lights on in your room, you know well he succeeded. When asked why he kept going despite his hundreds of failures, he merely stated that they were not failures. They were hundreds of ways not to create a light bulb. This statement not only revealed his grit but also his optimism for looking at the bright side.
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SubQuestion No : 19
Q. 19 Thomas Edison is a role model for:

Ans $\times 1$. self-control
X 2. intelligence
X 3. despair
4. determination

## Comprehension:

Read the given passage and answer the questions that follow.
Have you ever failed at something so miserably that the thought of attempting to do it again was the last thing you wanted to do?
If your answer is yes, then you are not a robot. Unlike robots, we human beings have feelings, emotions and dreams. We are all meant to grow and stretch despite our circumstances and our limitations. Flourishing and trying to make our dreams come true is great when life is going our way. But what happens when it's not? What happens when you fail despite all your hard work? Do you stay down and accept the defeat or do you get up again and again until you are satisfied? If you have a tendency to keep going, then you have what experts call grit. Falling down or failing is one of the most agonising, embarrassing and scariest human experiences. But, it is also one of the most educational, empowering and essential parts of living a successful and fulfilling life. Did you know that perseverance is one of the seven qualities that have been described as the keys to personal success and betterment in society? The other six are: curiosity, gratitude, optimism, self-control, social intelligence and zest. Thomas Edison is a model for grit for trying 1,000 plus times to invent the light bulb. If you are reading this with the lights on in your room, you know well he succeeded. When asked why he kept going despite his hundreds of failures, he merely stated that they were not failures. They were hundreds of ways not to create a light bulb. This statement not only revealed his grit but also his optimism for looking at the bright side.
Grit can be learnt to help you become more successful. One of the techniques that help is mindfulness. Mindfulness is a practice that helps the individual stay in the moment by bringing awareness of his or her experience without judgment. This practice has been used to quiet the noise of their fears and doubts. Through the simple practice of mindfulness, individuals have the ability to stop the self-sabotaging downward spiral of hopelessness, despair and frustration.

SubQuestion No: 20
Q. 20 What do you understand by 'mindfulness'?

Ans 1.Awareness of experience without judgment
2. Consciousness of one's fears and doubts
3. Peaceful meditation in quiet surroundings
4. Slipping into despair and frustration

## 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.

Mirabai Chanu, (1) $\qquad$ Indian weight lifter who recently set a new world record of 119 kg in April 2021, has improved her (2) best to a total of 205 kg . She has proved that she is stronger (3) $\qquad$ mentally and physically. Chanu did not crumble (4) $\qquad$ pressure. She is now full of confidence as she now comes within the (5) $\qquad$ to take the medal in the Olympics.

SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in blank no. 1.

Ans
X1. any
2. the
$\times 3$ a
$\times 4$. one

## 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.

Mirabai Chanu, (1) $\qquad$ Indian weight lifter who recently set a new world record of 119 kg in April 2021, has improved her (2) $\qquad$ best to a total of 205 kg . She has proved that she is stronger (3) $\qquad$ mentally and physically. Chanu did not crumble (4) $\qquad$ pressure. She is now full of confidence as she now comes within the (5) $\qquad$ to take the medal in the Olympics.

SubQuestion No: 22

## Q. 22 Select the most appropriate option to fill in blank no. 2.

Ans

1. personal
2. subjective
3. private
4. public

## 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.

Mirabai Chanu, (1) $\qquad$ Indian weight lifter who recently set a new world record of 119 kg in April 2021, has improved her (2) $\qquad$ best to a total of 205 kg . She has proved that she is stronger (3) $\qquad$ mentally and physically. Chanu did not crumble (4) $\qquad$ pressure. is now full of confidence as she now comes within the (5) $\qquad$ to take the medal in the Olympics.

SubQuestion No: 23
Q. 23 Select the most appropriate option to fill in blank no. 3 .

Ans

- 1. both

X 2. either
X 3. every
$\times 4$. each

## 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.

Mirabai Chanu, (1) $\qquad$ Indian weight lifter who recently set a new world record of 119 kg in
April 2021, has improved her (2) $\qquad$ best to a total of 205 kg . She has proved that she is stronger (3) $\qquad$ mentally and physically. Chanu did not crumble (4) $\qquad$ pressure. She
is now full of confidence as she now comes within the (5) $\qquad$ to take the medal in the
Olympics.
SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank no. 4.

Ans

- 1. under

X 2. above
$X$ 3. between
X4. along

## 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.

Mirabai Chanu, (1) $\qquad$ Indian weight lifter who recently set a new world record of 119 kg in April 2021, has improved her (2) $\qquad$ best to a total of 205 kg . She has proved that she is stronger (3) mentally and physically. Chanu did not crumble (4) $\qquad$ pressure. She is now full of confidence as she now comes within the (5) $\qquad$ to take the medal in the Olympics.

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in blank no. 5 .

Ans
X1. width
2. range

X 3. extent
X 4. extreme

Section : Quantitative Aptitude
Q. 1 The lateral surface area of a cube is $576 \mathrm{~cm}^{2}$. What is its volume (in $\mathrm{cm}^{3}$ )?

Ans
X1. $384 \sqrt{6}$

- 2. 1728

X 3. 2744
X4. 4096
Q. 2 If a seven-digit number 7 x 634 y 2 is divisible by 88 , then for the largest value of y , what is the difference of the values of x and y ?

Ans

1. 8
$\times 2.4$
-3. 2
$\times 4.6$
Q. 3 A shop keeper sold two articles. He sold one article at $₹ 29,337$ and got $27 \%$ profit. He sold the other article at ₹ $14,206.50$ and got $23 \%$ loss. What is his overall gain or loss per cent (correct to nearest integer)?
Ans
2. $8 \%$ gain
3. $4 \%$ loss
4. $7 \%$ loss
5. $5 \%$ gain
Q. 4 Find the greatest 3 -digit number divisible by 3 , formed using the digits $0,1,2,3,5$ without any repetition.

Ans
$\times 1.513$
2. 510
3. 531
4. 532
Q. 5 If two cities A and B on a map of scale 1: 6000000 are 5 cm apart, what is the actual distance (in km) between A and B?

Ans

1. 300
2. 3000
3. 30
4. 120
Q. 6 On a certain sum, simple interest for 2 years is $₹ 9,600$ whereas the compound interest compounded anmually is $₹ 10,176$. What is the rate of interest per annum?

Ans
X. 9\%
2. $12 \%$
3. $10 \%$
4. $15 \%$
Q. 7 A and $B$ together can do a work in 16 days. If A alone can do the same work in 48 days, then in how many days can $B$ alone do the same work?
Ans
$\times 1.20$
$\times 2.12$
3. 24
4. 16
Q. 8 A table costs $₹ 2,250$, which is $25 \%$ below the marked price. If the article is sold at a discount of $18 \%$ on the marked price, then what is the profit or loss per cent? (Correct to two decimal places)
Ans

- 1. Profit of $9.33 \%$
$\times$ 2. Loss of $9.33 \%$
X 3. Profit of $8.33 \%$
X 4. Loss of 8.33\%
Q. 9 An article is marked at a price of $₹ 240$ and sold for $₹ 220$. What is the percentage discount on the article? (Correct to two decimal places)

Ans
X1. 9.09\%
$\times 2.9 .33 \%$
$\times$ з. $8.09 \%$
$\checkmark$ 4. $8.33 \%$
Q. 10 In an examination, the average marks of a student per paper were 72 . If he had got 25 less marks in Mathematics and 17 more marks in Science, his average marks per paper would have been 71 . How many papers were there in the examination?
Ans

1. 10
2. 8
3. 9
$\times 4.6$
Q. 11 The compound interest (in ₹, to the nearest tens) on ₹90,900 for $2 \frac{1}{2}$ years at the rate of $10 \%$ per annum, compounded annually, is:
Ans 1. 24,460
4. 22,954
5. 24,590
6. 23,634
Q. 12 Rohit sells an article at a certain price. If he sells it at $72 \%$ of that price, he incurs a loss of $20 \%$. If he sells it at $20 \%$ above its actual selling price, then his profit percentage is:
Ans
7. $33 \frac{1}{3} \%$
8. $30 \%$
9. $24 \%$
10. $28 \frac{2}{3} \%$
Q. 13 P, Q and R participated in a cycle race of 4000 metres. $P$ cycles twice as fast as $Q$ and $R$ cycles $\frac{1}{2}$ as fast as $Q$. If $R$ completes the race in 40 minutes, then what is the speed (in $\mathrm{km} / \mathrm{h}$ ) of $P$ ?

Ans

1. 24
2. 20
3. 18
4. 30
Q. 14 In a test consisting of 80 questions, Anita answered $60 \%$ of the first 55 questions correctly. What per cent of the remaining questions should she answer correctly to obtain $70 \%$ in the entire exam?
Ans
X1. $85 \%$
5. $92 \%$
×. $80 \%$
$\times 4.78 \%$
Q. 15 The speed of a boat in still water is $15 \mathrm{~km} / \mathrm{h}$ and the speed of the stream is $3 \mathrm{~km} / \mathrm{h}$. How much time (in hours) will the boat take if it goes 36 km downstream?
Ans
$\times 1.1 .5$
6. 2
$\times 3.2 .5$
4.3
Q.16 The ratio of the number of boys and girls in a class is $3: 5$. The average score in English of all the boys and girls is 67.5 . If the average score of the boys is 60 , then what is the average score of the girls?

Ans
$x 1.76$
$\times 2.72 .5$
3. 70.5
4. 72
Q. 17 What is $\mathrm{b}: \mathrm{a}$, if $(5 \mathrm{a}+\mathrm{b}):(\mathrm{a}+\mathrm{b})=7: 5$ ?

Ans

1. $9: 1$
2. $3: 5$
$\times 3.5: 3$
X4.1:9
Q. 18 Anu spends $80 \%$ of his income. If his income increases by $12 \%$ and the savings decrease by $10 \%$ then what is the percent increase in the expenditures?

Ans
-1. 17.5\%
$\times 2.18 \%$
$\times 3.15 \%$
X4.12.5\%
Q. 19 In a certain number of years $T$, the simple interest earned on a certain sum at the rate of $9 \%$ per annum is ninesixteenth of the sum. What is the value of T (in years)?
Ans

1. $6 \frac{1}{4}$
2. $6 \frac{1}{2}$
3. $7 \frac{1}{4}$
4. $7 \frac{1}{2}$
Q. 20 If $x^{4}+\frac{1}{x^{4}}=34$ where $x>0$, then find the value of $x+\frac{1}{x}$.

Ans
$\times 1.4 \sqrt{2}$
$\times 2.4 .25$
3. $2 \sqrt{2}$
4. 4
Q. 21 If $\left(x+\frac{1}{2}\right)^{3}+\left(3 x+\frac{2}{3}\right)^{3}+\left(x-\frac{1}{6}\right)^{3}=\frac{1}{12}(9 x+2)(2 x+1)(6 x-1)$, then what is the value of $x$ ?

Ans

1. $-\frac{1}{5}$
2. $-\frac{1}{2}$
3. $-\frac{1}{4}$
4. $-\frac{1}{3}$
Q. 22 P can do a piece of work in 48 days and Q can do half of the same work in 30 days. If they both work together, in how many days can they complete three-eighth of the work?

Ans
X1. 24
2. 10
3. 8
4. 12
Q. 23 P sold a camera to $Q$ at $32 \%$ profit. However, $Q$ sold it to $R$ at a loss of $20 \%$. If $R$ paid $\bar{₹} 6,464$ for the camera, what was the price (in ₹, to the nearest rupee) paid by P for it?

Ans

1. 5,850
2. 8,050
3. 7,080
4. 6,121
Q. 24 A man's monthly salary increases from $₹ 36,890$ to $₹ 47,980$. What is the percentage increase (to the nearest integer) in his monthly salary?
Ans
5. $30 \%$
6. $32 \%$
(3. $35 \%$
$\times 4.25 \%$
Q. 25 If the average of $20,25,(p+1),(2 p+5)$ and $(p+11)$ is 22 , then the value of $p$ is:

Ans
$\times 1.8$
$\times 2.16$
$\times 3.18$
-4. 12

Section : General awareness
Q. 1 Who among the following was given the title of 'Khan-e-Khana' by Akbar?

Ans
X 1 . Abul Fazl
X 2. Faizi
X 3. Tansen
-
4. Mirza Abdul Rahim Khan
Q. 2 What is the name of the National Tribal Migration Support Portal that was launched by the Union Minister of Tribal Affairs, Shri Arjun Munda, in January 2021?
Ans
X 1 . Shrambhakti
X 2. Shakti
3. Shramdaan
4. ShramShakti
Q. 3 Which of the following does NOT come under the purview of 'paper taxes'?

Ans
X 1. Gift tax
X 2. Estate duty

- 3. Excise tax

X 4. Wealth tax
Q. 4 Under which Article of the Constitution of India can the President of India declare National Emergency if he/she feels that there is a grave threat to the security of the country?
Ans
X 1.351
X2. 348

- 3.352
< 4.350
Q. 5 Who among the following is the author of 'The Turbulent Years: 1980-1996'?

Ans

1. Pranab Mukherjee
2. PV Narasimha Rao

X 3. Manmohan Singh
X 4. Kamal Nath
Q. 6 Which team lost in the final match of the Hero Indian Super League, 2020-2021?

Ans $X 1$. Bengaluru FC
2. ATK Mohun Bagan FC

X 3. FC Goa
X 4. Chennaiyin FC
Question ID : 65497838386
Status : Marked For Review
Chosen Option : $\mathbf{2}$
Q. 7 To plan sustainable tourism and healthy coastal management, Ministry of Environment, Forest and Climate Change has conceived an integrated coastal management scheme called BEAMS. What is the full form of BEAMS?
Ans
X1. Best Environment and Aesthetics Management Schemes
2 2. Beach Environment and Aesthetics Management Services
X 3. Best Environment and Aesthetics Management Services
X 4. Beach Enrolment and Aesthetics Management Services

Question ID : 65497838372
Q. 8 Which of the following states/union territories is NOT touched by the Aravalli Range?

Ans
X1. Haryana
X 2. Delhi
X 3. Gujarat

- 4. Punjab
Q. 9 Articles 124 and 217 of the Constitution of India deal with which of the following?

Ans $\quad \times 1$. The appointment of the UPSC Chairman
2. The appointment of judges

X 3. The appointment of the Chief Minister
X4. The appointment of the Governor
Question ID : 65497839198
Status : Marked For Review
Chosen Option : $\mathbf{2}$
Q. 10 How many atoms of hydrogen are there in Ammonium Chloride?

Ans
X 1 . Two
X 2 . Three
X 3. One
-
4. Four
Q. 11 'Yakshagana' is a popular form of dance-drama of:

Ans
X 1. Northern India
X 2. Eastern India3. Western India
4. Southern India
Q. 12 Who was the Viceroy of India at the time of the Dandi March initiated by Gandhiji?

Ans
X 1 . Lord Willingdon
X 2. Lord Reading
3. Lord Irwin
4. Lord Linlithgow
Q. 13 The ‘Forum for Decarbonizing Transport' was jointly launched by World Resources Institute (WRI), India and $\qquad$ in August 2021.
Ans

1. NITI Aayog
2. Department of Science and Technology, Gol

X 3. Ministry of Transport, Gol4. Ministry of Environment, Gol
Q. 14 In which of the following states is the headquarters of NSDL Payments Bank situated?

Ans
X1. Tamil Nadu
2. Maharashtra

X 3. Karnataka
X 4. Sikkim
Q. 15 Which of the following Indian states is home to the largest population of the greater one-horned rhinoceros?
Ans
X1. Arunachal Pradesh
2. Assam

X 3. Manipur
X 4. Meghalaya
Q. 16 In which of the following years was the Battle of Imphal won?

Ans

1. 1944
2. 1934
3. 1956
4. 1912
Q. 17 To which of the following persons did Mamata Banerjee lose the Nandigram seat at the Assembly Polls held in March-April 2021?

Ans

1. Tathagata Roy
2. Mukul Roy
3. Dilip Ghosh
4. Suvendu Adhikari
Q. 18 'Dalkhai' dance is associated with the state of:

Ans
X1. Uttar Pradesh
X 2. Punjab
3. Bihar
4. Odisha
Q. 19 After West Bengal, with which of the following Indian states does Bangladesh have the common longest border?
Ans
X 1. Meghalaya
X 2. Mizoram
X 3.Assam
2. Tripura
Q. 20 Who among the following was appointed as the Chief Minister of Punjab in September 2021?

Ans

1. Charanjit Singh Channi
2. OP Soni
3. Navjot Singh Sidhu
4. Amarinder Singh
Q. 21 Deomali mountain peak is in:

Ans $X 1$. Jharkhand
ㅈ2. Assam
3. Odisha
4. Kerala
Q. 22 Who among the following is the author of the book 'The Three Khans: And the Emergence of New India'?
Ans

1. Twinkle Khanna
2. Kaveree Bamzai
3. Chetan Bhagat
4. Uday Bhatia
Q. 23 TNS Challan Number $\qquad$ is used for payment of Fringe Benefit Tax.
Ans
5. 284

X 2.281
(3. 282
4. 283
Q. 24 As of September 2021, how many times has the Indian Men's Hockey team won a silver medal at the Summer Olympic Games?

Ans

1. Three
2. Never
3. One
4. Two
Q. 25 was land granted to a Brahmana, who was usually exempted from paying land revenue and other dues to the king, and was often given the right to collect these dues from the local people.
Ans
X1. A dakshina
5. An agrahara

X 3. An ahuti
$1 \times$
4. A namaskaram

Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 14/03/2022 |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

Q. 1 In a certain code, $P+Q$ means ' $Q$ is the son of $P$ '; $P @ Q$ means ' $Q$ is the daughter of $P$ '; $P$ \$ $Q$ means ' $Q$ is the brother of $P$ '; $P \% Q$ means ' $P$ is the father of $Q$ ' and $P$ \# Q means ' $P$ is the mother of $Q$ '.
Which of the following is true?
Ans
X1. C @ D \$ F \% G means $G$ is the grandson of $C$.
X2. $A+B \$ C \% D$ means $A$ is the maternal grandfather of $D$.
3. $\mathrm{K}+\mathrm{L} \$ \mathrm{M} @ \mathrm{~N}$ means N is the granddaughter of K .
4. $\mathrm{G} \% \mathrm{H} \# \mathrm{~K} \$ \mathrm{~L}$ means $L$ is the son-in-law of $G$.
Q. 2 Five persons $K, L, P, N$ and $O$ are sitting in a straight line, all facing in the same direction. $L$ is second to the right of $N . K$ is third to the right of $P . O$ is sitting adjacent to $K$. Who is sitting to the immediate left of $P$ ?
Ans
X1.L
2. N
-3.0
4. K
Q. 3 Select the figure from among the given options that can replace the question mark (?) in the following series.

| $\rightarrow$ ¢ |  |  | $?$ |
| :---: | :---: | :---: | :---: |

Ans

$\times 4$

Q. 4 Eight friends A, B, C, D, E, F, G and H are sitting around a circular table, all facing
towards the centre. Only B is between H and D. Only C is between H and E. E is fourth
to the right of $D$. $B$ is third to the right of $E$. Only $F$ is between $G$ and $A$. $G$ is not
adjacent to $D$. Who is sitting second to right of $B$ ?
Ans
X1.F
2. A
3. C
4. H
Q. 5 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. California
2. North America
3. World
4. United States of America
5. Universe

Ans
X1.4, 2, 1, 3, 5
X2.1,4,3,2,5
X $3.1,2,4,5,3$

- 4. 1, 4, 2, 3, 5
Q. 6 In a certain code language, 'PRESUME' is written as 'EEMPRSU'. How will 'NOCTURNAL' be written in that language?
Ans

1. ACLNNORTU
2. ACNLNORTU
< 3. ACLNNTORU
3. ACLNNOUTR
Q. 7 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

7:9::8:?: : 6 : 2
Ans
$\times 1.25$
X 2.26
-3. 28
$\times 4.22$
Q. 8 Pointing to a photograph of Vikrant, Shashi said, "He is my father's mother's husband's daughter's husband". How is Vikrant's wife related to Shashi's father?
Ans
X 1. Daughter
2. Sister

X 3. Niece
X 4. Mother
Q. 9 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Serene
2. Serious
3. Service
4. Severe
5. Seepage

Ans

1. 5, 1, 3, 2, 4

X 2. 5, 2, 1, 3, 4
3. 5, 1, 2, 3, 4
4. $4,1,2,3,5$
Q. 10 Select the option that is related to the third term in the same way as the second term is related to the first term.

NECTAR : FHQUDW : : PLEASE : ?
Ans
X1. HOSDVH
X 2. HORDVG
3. HOSHVD

X 4. HPSEVH
Q. 11 Select the number from among the given options that can replace the question mark (?) in the following series.

50, 66, 87, 113, 144,?
Ans

1. 180
2. 170
3. 190
4. 200
Q. 12 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

Some parks are fields.
Some fields are houses.
Conclusions:
I. Some houses are parks.
II. Some fields are parks.

Ans

1. Only conclusion I follows
2. Either conclusion I or II follows
3. Both conclusions I and II follow
4. Only conclusion II follows
Q. 13 Select the letter-cluster from among the given options that can replace the question mark (?) in the following series.

BER, EAT, HWV, ?, NOZ
Ans
X1. LSX
X 2. KTX
X 3. LSY
4. KSX
Q. 14 In a certain code language, 'SUN' is coded as ' 384228 '. How will 'PRICE' be coded in that language?

Ans
X1. 323416610
X 2. 303618810
2. 323618610
$\times 4.323618812$
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:
No Lilly is a Rose.
All Roses are Jasmines.
Conclusions:
I. No Lilly is a Jasmine.
II. No Jasmine is a Lilly.
III. Some Jasmines are Roses.
IV. All Jasmines are Roses.

Ans $\times 1$. Both conclusions I and IV follow.
X 2. Only conclusion I follows.

- Only conclusion III follows.

X 4. Both conclusions I and II follow.
Q. 16 Which two numbers (not digits) should be interchanged to make the given equation correct?
$48+12 \times 8-24 \div 8=114$
Ans
X1. 48 and 8
2. 48 and 24

X 3.24 and 12
X4. 12 and 8
Q. 17 Select the number from among the given options that can replace the question mark (?) in the following series.
$12,18,30,54,102$ ?
Ans
$\times 1.146$
$\times 2.180$

- 3.198

4. 204
Q. 18 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
$\mathbf{Z K} \mathbf{K}_{-} \mathbf{R} \mathbf{Z}$ _ $\mathbf{M R} \mathbf{R}_{-} \mathbf{Z K M} \mathbf{M}_{-} \mathbf{T}_{-} \mathbf{K M} \mathbf{M}_{-} \mathbf{T}$
Ans
X1.MTKTRTR
X 2. MTKZRZR
ข 3. MTKTRZR
X4.ZTKTRZR
Q. 19 In a certain code language, 'PLASTIC' is written as 'OKZRSHB'. How will 'NORMAL' be written in that language?
Ans
X1. ONSLZK
5. MNQLZK

X 3. MNQNZM
4. MNPRZK
Q. 20 Select the correct mirror image of the given combination when the mirror is placed at ' PQ ' as shown.


Ans
$\times 1$ MSEMB
2.9 9 Я W
з. 9 И ம у M

4 И ம Я W
Q. 21 In a certain code language, 'RUST' is coded as ' 7539 ' and 'SORE' is coded as ' 3472 '. How will 'TRUE' be coded in that language?
Ans

1. 9752
< 2.9725
$\times 3.4372$
$\times 4.4732$
Q. 22 In a certain code language, 'BREAK' is coded as '259222616'. How will 'FEVER' be coded in that language?
Ans
X 1.21226228
$\times 2.21235239$

- 3.21225229
(4.20225219

Question ID : 65497841522
Q. 23 Select the option that is related to the third word in the same way as the second word is related to the first word.

Orthopaedic : Bone Fracture : : Dermatologist : ?
Ans

1. Psoriasis
2. Tinnitus
3. Arthritis
4. Conjunctivitis
Q. 24 Select the option in which the given figure is embedded (rotation is NOT allowed).

Ans


X1.

$\times 3$.

$\times 4$

Q. 25 In a certain code language, 'CONSULT' is written as 'FOQRVWX'. How will 'MAGNETS' be written in that language?

Ans
$X 1$. DHJPVQW
X 2. DHPJVQW
$X$ 3. DHPJQVW
4. DHJPQVW

Section : English Language

## Q. 1 Select the INCORRECTLY spelt word.

Ans
$X$ 1. Dislodge
2. Diligent
3. Divulge
4. Disuade

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

He said to me, " Please drop me home in your car."
Ans
X 1 . I told him to drop me home in my car.
2. He requested me to drop him home in my car.
3. He asked me to drop him home in your car.
4. He said to me please drop me home in your car.
Q. 3 Select the most appropriate option to fill in the blank.

You have packed your warm clothes, $\qquad$ $?$
Ans
X 1. did you
X 2. didn't you
3. haven't you

X 4. have you
Q. 4 Select the most appropriate meaning of the given idiom.
follow suit
Ans
$X 1$. try a costume
2. do the same as others

X 3. get on well with others
X4. go after someone
Q. 5 Select the most appropriate synonym of the given word.

BLEND
Ans

1. merge
2. part
$\times$ 3. divide
3. separate
Q. 6 Select the most appropriate synonym of the given word.

## Conflict

Ans
X 1. Surrender
2. Battle
$X$ 3. Agreement
$X$ 4. Attack
Q. 7 Select the option that can be used as a one-word substitute for the given group of words.

A place where government records are kept
Ans
X1. Godown
, 2. Archive
X 3. Library
4. Warehouse
Q. 8 Select the most appropriate option to fill in the blank.

The guard insisted $\qquad$ seeing the ID card of the visitor.
Ans
$\times 1$. to
$\times 2$. for
$\checkmark$
3. on
4. with
Q. 9 Select the misspelt word.

Ans

1. presentor
2. superior
3. mentor
4. cricketer
Q. 10 Select the most appropriate antonym of the given word.
restore
Ans
X1. remove
5. damage
6. claim
7. repeat
Question ID : 65497841848
Status : Answered
Chosen Option : 2
Q. 11 Select the most appropriate meaning of the given idiom.

Swim with the tide
Ans

1. Agree with the popular opinion
2. Accept your fault

X 3. Do something again and again
X4. Going for a swim during the high tide
Q. 12 Select the most appropriate ANTONYM of the given word.

Somber
Ans
$X 1$. Boastful
X 2. Mournful
X 3. Doleful
4. Cheerful
Q. 13 Select the INCORRECTLY spelt word.

Ans

1. Hospitelity
$\times 2$. Hostel
X 3. Hostile
2. Hostage
Q. 14 Select the option that expresses the given sentence in passive voice.

The green leaves of plants absorb the carbon dioxide.
Ans

1. The carbon dioxide is absorbed by the green leaves of plants.
2. The carbon dioxide absorbs the green leaves of plants.
3. The green leaves are absorbed by the carbon dioxide of plants.
4. The carbon dioxide is being absorbed by the green leaves of plants.
Q. 15 Select the option that can be used as a one-word substitute for the given group of words.
a low area of land between hills
Ans
$X$ 1. plateau
$X$ 2. beach
$X$ 3. gulf
5. valley

## Comprehension:

Read the given passage and answer the questions that follow.
What writers struggle to express through numerous newspaper columns, the cartoon manages in a pointed one-liner. Little wonder then, that the first thing most of us like to see when we pick up a newspaper is the cartoon. Simple though it may seem, making a cartoon is an art that requires a combination of hard work, training and a good sense of humour.
Cartoonists say that the cartoons that make us laugh the most are in fact the cartoons that are hardest to make. Even celebrated cartoonists like RK Laxman admit that making a cartoon is not a piece of cake. Laxman says he has to wait for over six hours, which includes spending a lot of time scanning newspapers and television channels before any idea strikes him. So how does one become a cartoonist? Which one of us has the talent to make it? How can we master the rib-tickling strokes and the witty one-liners? How can we make people smile or laugh? There are few colleges or schools for cartoonists. Most cartoonists come from art colleges, while some learn the craft on their own. Most established cartoonists are of the view that no institute can teach you to make a cartoon. "You can pick up the craft, you may learn to sketch and draw in institutes , but no one can teach anyone how to make a good cartoon," says Uday Shanker, a cartoonist with Navbharat Times. While basics, like drawing and sketching can be learnt in an art college, and are important skills, these alone, do not make a good cartoonist. Because it's a question of one's creativity and sense of humour; two qualities one simply may not have. The advice that established cartoonists give is that just because you can sketch, don't take it for granted that you will become a successful cartoonist.

SubQuestion No: 16
Q. 16 What is the advice given by established cartoonists?

Ans 1. Do not assume you can become a cartoonist just because you can sketch.
X 2. Everyone has the talent to become a good cartoonist.
X 3. Cartoons that make us laugh should have pointed one-liners.
X 4. Knowledge of current affairs is important for a cartoonist.

## Comprehension:

Read the given passage and answer the questions that follow.
What writers struggle to express through numerous newspaper columns, the cartoon manages in a pointed one-liner. Little wonder then, that the first thing most of us like to see when we pick up a newspaper is the cartoon. Simple though it may seem, making a cartoon is an art that requires a combination of hard work , training and a good sense of humour. Cartoonists say that the cartoons that make us laugh the most are in fact the cartoons that are hardest to make. Even celebrated cartoonists like RK Laxman admit that making a cartoon is not a piece of cake. Laxman says he has to wait for over six hours, which includes spending a lot of time scanning newspapers and television channels before any idea strikes him. So how does one become a cartoonist? Which one of us has the talent to make it? How can we master the rib-tickling strokes and the witty one-liners? How can we make people smile or laugh? There are few colleges or schools for cartoonists. Most cartoonists come from art colleges, while some learn the craft on their own. Most established cartoonists are of the view that no institute can teach you to make a cartoon. "You can pick up the craft, you may learn to sketch and draw in institutes, but no one can teach anyone how to make a good cartoon," says Uday Shanker, a cartoonist with Navbharat Times. While basics, like drawing and sketching can be learnt in an art college, and are important skills, these alone, do not make a good cartoonist. Because it's a question of one's creativity and sense of humour; two qualities one simply may not have. The advice that established cartoonists give is that just because you can sketch, don't take it for granted that you will become a successful cartoonist.

SubQuestion No: 17
Q. 17 Which of the following is most important in the making of a good cartoonist?

Ans $\times 1$. Hard work
X 2. Training
X 3. Drawing skill

- 4. Sense of humour


## Comprehension:

Read the given passage and answer the questions that follow.
What writers struggle to express through numerous newspaper columns, the cartoon manages in a pointed one-liner. Little wonder then, that the first thing most of us like to see when we pick up a newspaper is the cartoon. Simple though it may seem, making a cartoon is an art that requires a combination of hard work, training and a good sense of humour. Cartoonists say that the cartoons that make us laugh the most are in fact the cartoons that are hardest to make. Even celebrated cartoonists like RK Laxman admit that making a cartoon is not a piece of cake. Laxman says he has to wait for over six hours, which includes spending a lot of time scanning newspapers and television channels before any idea strikes him. So how does one become a cartoonist? Which one of us has the talent to make it? How can we master the rib-tickling strokes and the witty one-liners? How can we make people smile or laugh? There are few colleges or schools for cartoonists. Most cartoonists come from art colleges, while some learn the craft on their own. Most established cartoonists are of the view that no institute can teach you to make a cartoon. "You can pick up the craft, you may learn to sketch and draw in institutes, but no one can teach anyone how to make a good cartoon," says Uday Shanker, a cartoonist with Navbharat Times. While basics, like drawing and sketching can be learnt in an art college, and are important skills, these alone, do not make a good cartoonist. Because it's a question of one's creativity and sense of humour; two qualities one simply may not have. The advice that established cartoonists give is that just because you can sketch, don't take it for granted that you will become a successful cartoonist.

SubQuestion No : 18
Q. 18 "making a cartoon is not a piece of cake." This means that creating cartoons is:

Ans
X 1. a basic skill
X 2. a very simple task
X 3. a rare talent

- 4. a tough challenge


## Comprehension:

Read the given passage and answer the questions that follow.
What writers struggle to express through numerous newspaper columns, the cartoon manages in a pointed one-liner. Little wonder then, that the first thing most of us like to see when we pick up a newspaper is the cartoon. Simple though it may seem, making a cartoon is an art that requires a combination of hard work, training and a good sense of humour. Cartoonists say that the cartoons that make us laugh the most are in fact the cartoons that are hardest to make. Even celebrated cartoonists like RK Laxman admit that making a cartoon is not a piece of cake. Laxman says he has to wait for over six hours, which includes spending a lot of time scanning newspapers and television channels before any idea strikes him. So how does one become a cartoonist? Which one of us has the talent to make it? How can we master the rib-tickling strokes and the witty one-liners? How can we make people smile or laugh? There are few colleges or schools for cartoonists. Most cartoonists come from art colleges, while some learn the craft on their own. Most established cartoonists are of the view that no institute can teach you to make a cartoon. "You can pick up the craft, you may learn to sketch and draw in institutes , but no one can teach anyone how to make a good cartoon," says Uday Shanker, a cartoonist with Navbharat Times. While basics, like drawing and sketching can be learnt in an art college, and are important skills, these alone, do not make a good cartoonist. Because it's a question of one's creativity and sense of humour; two qualities one simply may not have. The advice that established cartoonists give is that just because you can sketch, don't take it for granted that you will become a successful cartoonist.

SubQuestion No: 19
Q. 19 It can be inferred from the passage that:

Ans $\times 1$. all cartoonists get ideas from newspapers
2 2. making cartoons is a combination of art and wit
X 3. any good artist can become a cartoonist
X 4. creativity can be acquired in institutes
Question ID : 65497841766
Status : Not Answered
Chosen Option: --

## Comprehension:

Read the given passage and answer the questions that follow.
What writers struggle to express through numerous newspaper columns, the cartoon manages in a pointed one-liner. Little wonder then , that the first thing most of us like to see when we pick up a newspaper is the cartoon. Simple though it may seem, making a cartoon is an art that requires a combination of hard work, training and a good sense of humour. Cartoonists say that the cartoons that make us laugh the most are in fact the cartoons that are hardest to make. Even celebrated cartoonists like RK Laxman admit that making a cartoon is not a piece of cake. Laxman says he has to wait for over six hours, which includes spending a lot of time scanning newspapers and television channels before any idea strikes him. So how does one become a cartoonist? Which one of us has the talent to make it? How can we master the rib-tickling strokes and the witty one-liners? How can we make people smile or laugh? There are few colleges or schools for cartoonists. Most cartoonists come from art colleges, while some learn the craft on their own. Most established cartoonists are of the view that no institute can teach you to make a cartoon. "You can pick up the craft, you may learn to sketch and draw in institutes , but no one can teach anyone how to make a good cartoon," says Uday Shanker, a cartoonist with Navbharat Times. While basics, like drawing and sketching can be learnt in an art college, and are important skills, these alone, do not make a good cartoonist. Because it's a question of one's creativity and sense of humour; two qualities one simply may not have. The advice that established cartoonists give is that just because you can sketch, don't take it for granted that you will become a successful cartoonist.

SubQuestion No: 20
Q. 20 According to the author what is the first thing most of us like to see in a newspaper?

Ans $\times 1$. Art
X 2. Headlines
X 3. Craft

- 4. Cartoon


## Comprehension:

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

Until the 3rd century AD, the town of Baia was the most coveted destination for wealthy Roman citizens, senators, and emperors.
Now, it's hidden (1) $\qquad$ the sand and pebbles in the waters of the Gulf of Pozzuoli, just a few kilometers (2) Naples, Italy, and the only residents are fish and seahorses.
The slow (3) $\qquad$ of land from volcanic activity caused the land to submerge, and in 1969, divers (4) $\qquad$ Te ruins of two marble statues by chance. About 15,000 divers, snorkelers, and tourists visit the (5) $\qquad$ all year round to travel back in time and swim through ancient streets, mosaics, statues, and the remains of a seaside resort.

SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in the blank No. 1.

Ans
$\chi 1$. besides
$X$ 2. beyond
$\times$ 3.beside
4. beneath

## Comprehension:

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

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SubQuestion No: 22
Q. 22 Select the most appropriate option to fill in the blank No. 2.

Ans

- 1.from

X 2. for
X 3 .to
X4. with

## Comprehension:

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

Until the 3rd century AD, the town of Baia was the most coveted destination for wealthy Roman citizens, senators, and emperors.
Now, it's hidden (1) $\qquad$ the sand and pebbles in the waters of the Gulf of Pozzuoli, just a few kilometers (2) Naples, Italy, and the only residents are fish and seahorses.
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SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in the blank No. 3.

Ans
X1. move
X 2. moved
3. movement

X4. mover

## Comprehension:

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

Until the 3rd century AD, the town of Baia was the most coveted destination for wealthy Roman citizens, senators, and emperors.
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SubQuestion No: 24
Q. 24 Select the most appropriate option to fill in the blank No. 4.

Ans

1. discovered

X 2. concealed
X 3. invented
X 4.searched

## Comprehension:

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

Until the 3rd century AD, the town of Baia was the most coveted destination for wealthy Roman citizens, senators, and emperors.
Now, it's hidden (1) $\qquad$ the sand and pebbles in the waters of the Gulf of Pozzuoli, just a few kilometers (2) $\qquad$ Naples, Italy, and the only residents are fish and seahorses.
The slow (3) $\qquad$ of land from volcanic activity caused the land to submerge, and in 1969, divers (4) the ruins of two marble statues by chance. About 15,000 divers, snorkelers, and tourists visit the (5)___ all year round to travel back in time and swim through ancient streets, mosaics, statues, and the remains of a seaside resort.

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in the blank No. 5.

Ans
X1. station
X 2. situation
X 3. sight
4. site

## Section : Quantitative Aptitude

Q. 1 The speed of a boat in still water is $25 \mathrm{~km} / \mathrm{h}$. It takes $33 \frac{1}{3} \%$ more time to cover a certain distance in still water than to cover the same distance downstream. How much time (in hours) will the boat take to go 75 km downstream?

Ans

1. 3
2. 2.25

X 3. 2
X4.1.8
Q. 2 If the diameter of the base of a cone is 24 cm and its curved surface area is $1395 \frac{3}{7} \mathrm{~cm}^{2}$, then its volume (in $\mathrm{cm}^{2}$ ) is:

Take $\pi=\frac{22}{7}$
Ans

1. 5728
$\times 2.5287$
-3. 5280
$\times 4.5782$
Q. 3 The price of rice, per kg , is increased by $18 \%$ and the quantity of rice brought decreased by $22 \%$. What is the percentage change in the amount spent on rice?

Ans

1. $7.96 \%$ decrease
2. 11.2\% increase
$X 3.19 .25 \%$ increase
$\times 4.12 .64 \%$ decrease
Q. 4 A car can cover a certain distance at a certain uniform speed in 19.2 hours. If the speed is increased by 8 km per hour, the same distance is covered in $\mathbf{1 8}$ hours. The distance (in km ) is:

Ans
X1. 2340
2. 2403

X 3. 2034
-4. 2304
Q. 5 If $\sqrt{x}-\frac{1}{\sqrt{x}}=\sqrt{7}$, then the value of $x^{3}+\frac{1}{x^{3}}$ is:

Ans
x. 679

- 2. 702
$\times$ 3. 756
X4. 729
Q. 6 By selling an article at $\frac{9}{11}$ of its actual selling price. a trader incurs a loss of $10 \%$. What will be the profit percentage, if the article is sold for $8 \%$ less than its actual selling price?

Ans
$\times 1.1 \frac{1}{3}$

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

จ 3 . $1 \frac{1}{5}$
-4. $1 \frac{1}{4}$
Q. 7 A certain number of men can do a piece of work in 48 days. If there were 30 more men, it would take 18 days less to complete the work. The number of men, initially, is:

Ans
$\times 1.60$
$\times 2.54$

- 3.50

X4. 72
Q. 8

If $2 x^{2}+5 x-1=0$, then what is the value of $x^{3}-\frac{1}{8 x^{3}} ?$
Ans
, 1. $-\frac{155}{8}$
X2. $-\frac{125}{8}$
$\times 3 . \frac{145}{4}$
X4. $\frac{125}{8}$
Q. 9 A man sells an article at a certain price. If he sells it at $35 \%$ of this selling price, then he has a loss of $22 \%$. If he sells it at its original selling price, then his profit percentage is:
Ans

1. $20 \%$
2. $15 \%$
3. 13\%
4. $25 \%$
Q. 10 The average of six consecutive odd numbers, in increasing order, is 42 . If the next five consecutive odd numbers are included, then what is the average of all the numbers?

Ans
+1. 53
2. 49
$\times 3.51$
-4. 47
Q. 11 The marked price of a washing machine is $₹ 18,725$. A dealer allows two successive discounts of $20 \%$ and $x \%$ on the marked price and sells it for $₹ 14,231$. What is the value of $x$ ?
Ans
$x 1.6$
$\checkmark 2.5$
$\times 3.10$
$\times 4.4$
Q. 12 The monthly incomes of $A$ and $B$ are in the ratio $5: 8$, $A$ saves $₹ 7,400$ and $B$ saves $₹ 6,500$ per month. If the ratio of the monthly expenditures of A and B is $1: 2$, then the monthly income (in ₹) of B is:

Ans

1. ₹ 43,500
2. ₹ 39,200
3. ₹ 33,200
4. ₹ 34,100
Q. 13 Eight years ago, the average age of $\mathrm{A}, \mathrm{B}$ and C was 22 years. The average age of A and C after 2 years from now will be 32.5 years. What will be the age (in years) of B after 3 years from now?

Ans
+1. 37
$\times 2.31$
X 3.39

- 4.32
Q. 14 A 9-digit number $4856327 x y$ is divisible by 9 and $x-y=6$ What is the value of $\sqrt{4 x+2 y}$ ?

Ans
X1. 4
$\times 2.7$
$\times 3.3$
-4. 6
Q. 15 A can do $50 \%$ of a work in 20 days and B can do $66 \frac{2}{3} \%$ of the same work in 40 days. Both work together for 6 days.

The remaining work is completed by C alone in 12 days. Working together, $\mathrm{A}, \mathrm{B}$ and C will complete the same work in:
Ans
$x 1 \cdot 10 \frac{3}{5}$ days
2. $9 \frac{3}{5}$ days

X 3. $7 \frac{3}{5}$ days
X4. $8 \frac{3}{5}$ days
Q. 16 The average weight of 54 members of a club is 67.5 kg . If 6 members of average weight 72.5 kg leave and 2 new members of average weight 62.5 kg join the club, then the average weight (in kg ) of the present members of the club is:
Ans
×1. 67.2
$\times 2.65 .8$
X 3. 64.5

- 4.66 .7
Q. 17 Raju buys 75 articles at the same price each. He sells one-third of them at a profit of $40 \%$ and $20 \%$ of the remaining at a profit of $20 \%$. He sells the remaining articles at a loss equal to the cost price of 7 articles. What is his gain/loss per cent in the entire transaction?
Ans

1. Loss, $6 \frac{2}{3} \%$
2. Gain, $6 \frac{2}{3} \%$
3. Gain, $8 \%$
4. Loss, $8 \%$
Q. 18 What is the amount (in ₹) on a sum of $₹ 5,120$ at $15 \%$ per annum for $2 \frac{1}{2}$ years, if the interest is compounded 10 monthly?
Ans 1. 7,290
5. 7,920
6. 9,270
7. 9,720
Q. 19 The income of Anil is $₹ 45,000$. He saves $16 \%$ of his income. If his income decreases by $5 \%$ and the expenditure increases by $2 \%$, then his savings decrease by:
Ans
8. ₹ 2,996
9. ₹ 3,006
10. ₹ 3,016
11. ₹ 3,026
Q. 20 A shopkeeper marks his goods at $20 \%$ above the cost price. He sells $40 \%$ of the goods at the marked price and the remaining at $30 \%$ discount on the marked price. His gain/loss percentage is:
Ans $\quad 1.6 \%$ loss
12. $3.3 \%$ gain
13. $2.3 \%$ loss
14. $3.6 \%$ gain
Q. 21 A sum of ₹ $x$ amounts to $₹ 49,247$ at $15 \%$ p.a. in 2 years, interest compounded 8 -monthly. The value of $x$ is:

Ans

1. 42,000
2. 36,000
3. 38,000
4. 37,000
Q. 22 A sum of $₹ x$ will amount to $₹ 38,637$ at $8 \%$ p.a. in $2 \frac{3}{4}$ years, when the interest is compounded annually. The value of $x$ is:
Ans
5. 31,250
6. 30,175
7. 31,375
8. 30,200
Q. $23 \mathrm{~A}, \mathrm{~B}$ and C are three boxes containing marbles in the ratio $3: 5: 7$ and the total number of marbles is 150 . If 12 marbles are transferred from $A$ to $B$ and 8 marbles are transferred from $B$ to $C$, then the new ratio of the marbles $A: B: C$ is:

Ans
X1. $9: 13: 3$
2. $3: 9: 13$
3. $3: 13: 9$
4. $13: 3: 9$
Q. 24 A man spends $70 \%$ of his income. His income is increased by $28 \%$ but expenditure remains as earlier. By what percentage are his savings increased (correct to one decimal place)?

Ans

1. $97.9 \%$
2. $100.4 \%$

- 3. $93.3 \%$

4. $200.5 \%$
Q. 25 If the 5 -digit number $284 x y$ is divisible by 3 and 77 , then the value of $(8 x-y)$ is:

Ans
X1. 9
-2. 4
3. 5
4. 7

Section : General awareness
Q. 1 Which of the following Articles of the Constitution of India deal with Right to Freedom of Religion?
Ans
X 1. Article 32 to 35
2. Article 25 to 28

X 3. Article 29 to 31
4. Article 36 to 39
Q. 2 Lord Buddha was born in

Ans

1. Lumbini, Nepal
2. Bihar, India
3. Bamyan, Afghanistan
4. Cumilla, Bangladesh
Q. 3 Kanch Mahal is located in which of the following districts?

Ans
X1. Visakhapatnam

- 2. Agra

X 3. Cuttack
X 4. Hyderabad
Q. 4 In which year was the All India Kisan Sabha founded in Lucknow with Swami Sahajanand Saraswati as the president?
Ans
X1. 1942
X2. 1930

* 3.1936
$\times 4.1932$
Q. 5 As per India Census 2011, which of the following states has the least growth of population in percentage terms between 2001 to 2011?

Ans
X1. Punjab
2. Haryana
3. Uttarakhand
4. Himachal Pradesh
Q. 6 Which of the following Indian personalities holds the honour of being the first-ever Indian to perform in the prestigious Royal Albert Hall, London?
Ans
<1. Dilip Kumar
2. Lata Mangeshkar
3. Jagjit Singh
4. Amitabh Bachchan
Q. 7 Which of the following books was awarded the Booker Prize 2021?

Ans
X 1. Klara and the Sun
2. The Promise
3. Somebody's Daughter: A Memoir
4. Cloud Cuckoo Land
Q. 8 The Constitution (One Hundredth One Amendment) Act, 2016 is related to $\qquad$ _.

Ans
X 1. national judicial appointments commission
2. reservation of seats and special representation to cease after certain period
3. establishment of a separate development board for Hyderabad - Karnataka region
4. goods and services tax

Question ID : 65497841713
Status: Answered
Chosen Option: $\mathbf{4}$
Q. 9 Which of the following states is known for Mando Festival?

Ans
X1. Manipur

- 2. Goa

X 3. Nagaland
X 4. Kerala

Question ID : 65497841895
Q. 10 Which of the following states shares the longest land border with Bangladesh?

Ans

1. West Bengal
$\times 2$. Assam
X 3. Meghalaya
X 4. Tripura
Q. 11 Which of the following French travellers, who wrote accounts of what he saw,
frequently comparing India with the situation in Europe, was closely associated with the Mughal court, as a physician to Prince Dara Shukoh?
Ans
2. Jean-Baptiste Tavernier
3. Duarte Barbosa
4. Jesuit Roberto Nobili
5. François Bernier
Q. 12 Which of the following cities lies on the bank of the river Gomti?

Ans
X 1. Kanpur
$\times 2$. Bhopal
X 3. Aligarh
-
4. Lucknow
Q. 13 The Computer Technology is based on which of the following scientific principals?

Ans
X 1. Superconductivity
2. Digital logic
$X$ 3. Light amplification by stimulated emission of radiation
$\times$ 4. Photoelectric effect
Q. 14 'SANKALP', a centrally sponsored scheme of the , is an outcome-focused scheme marking a shift in the government's implementation strategy in vocational education and training from inputs to results.
Ans
X 1. Ministry of Science and Technology
X 2. Ministry of Education
X 3. Ministry of Youth Affairs and Sports
4. Ministry of Skill Development and Entrepreneurship
Q. 15 The Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY) of the Government of India is available to people in the age group of $\qquad$ having a bank account who give their consent to join/enable auto-debit.
Ans

1. 18 to 50 years
2. 18 to 55 years
3. 19 to 55 years
4. 21 to 60 years
Q. 16 Which of the following statements is INCORRECT regarding DNA?

Ans 1. The bases found in DNA come in only three varieties: adenine, cytosine and
guanine.
$\times 2$. Genes are made of DNA, and so is the genome itself.
3. DNA is the molecule that is the hereditary material in all living cells.
4. DNA is a very large molecule, made up of smaller units called nucleotides.
Question ID : $\mathbf{6 5 4 9 7 8 4 1 9 0 3}$
Status : Not Answered
Chosen Option: --
Q. 17 'Lal Salaam', a novel on the story of a young officer and of the challenges he faces against a system that is steeped in backroom politics and corruption is written by whom among the following Union Ministers?
Ans
X 1. Hardeep Singh Puri
2. Nirmala Sitharaman
3. Smriti Zubin Irani
4. Ashwini Vaishnaw
Q. 18 The first Khelo India University Games were organised in which of the following states?
Ans
X1.Assam
X 2. Punjab
X 3. Haryana

- 4. Odisha
Q. 19 In 1928, who wrote the Congress Party's Nehru Report, a future constitution for independent India based on the granting of dominion status?
Ans

1. Motilal Nehru
2. Swarup Rani Nehru
3. Kamala Nehru
4. Jawaharlal Nehru
Q. 20 Roots that grow out from the tree trunk and which helps to support the tree are called:

Ans
$\times 1$. creeping roots
$\times 2$. fibrous roots
X 3. tuberous roots
2. 4. buttress root
Q. 21 The 61st Constitutional Amendment Act of 1988 reduced the voting age to 18 years from $\qquad$ years.
Ans
<1. 20
$\times 2.25$3. 30
4.21
Q. 22 Ozone layer in the atmosphere shields the surface of the Earth from which radiation from the Sun?

Ans

1. Ultraviolet (UV) light
2. X-rays
3. Infrared light
4. Gamma rays
Q. 23 The Cotton Corporation of India (CCI) was established in the year $\qquad$ -
Ans X1.1971
X2. 1969
1
5. 1972
6. 1970
Q. 24 Based on archaeological findings, which of the following dances is believed to be the oldest of the surviving Indian classical dances?

Ans1. Odissi

X 2. Manipuri
${ }^{1}$
3. Kathak
4. Kuchipudi
Q. 25 As per findings from a survey by the Reuters Institute for the Study of Journalism in its Digital News Report 2021, out of 46 markets surveyed, India stands at which rank?
Ans
X1.29th
2. 31st
( 3. 30th
'
4. 28th

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 15/03/2022 |
| 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 term in the same way as the second term is related to the first term.

FRIEND : GSJFOE : : CLERICAL : ?
Ans

1. DMFSJDBM
2. DMFSJBZM
3. DMFSJEBN
4. DMFTKDBM
Q. 2 In a certain code language, 'MASTER' is written as 'BFNSTU'. How will ‘COVERT' be written in that language?

Ans

1. DFPSUW
2. FYLQBY
3. FLYBQY
4. FRBWOS

Question ID: 65497841825
Q. 3 Select the number from among the given options that can replace the question mark (?) in the following series.
$6,6,18,90,630$, ?
Ans
$\times 1.8500$
(2. 1260
< 3.4250
4. 5670
Q. 4 Select the option that is related to the third term in the same way as the second term is related to the first term.

SMART : QOYTR : : LOGIC : ?
Ans
X 1.JPEKA
X 2.JPEJA
3. JQEKA
4. JQFKA
Q. 5 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:
Some mangoes are oranges.
All oranges are grapes.
Conclusions:
I. All grapes are oranges.
II. All mangoes are grapes.

Ans

1. Only conclusion II follows

X 2. Both conclusions I and II follow3. Only conclusion I follows
4. Neither conclusion I nor II follows
Q. 6 Four poles $A, B, C$ and $D$ are located in a park. $B$ is 65 m west to $D$. $A$ is 45 m north to $B$. $A$ is 45 m south to $C$. What is the straight distance between $B$ and $C$ ?
Ans
X 1.20 m

- 2.90 m
$\times 3.120 \mathrm{~m}$
$\times 4.110 \mathrm{~m}$
Q. 7 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

UK_ Z U_TM_UK_MZ_KT_Z
Ans
X1.TMKZTZM
X 2.TMKZTUT
X 3.TMTZTUM
4. TMKZTUM
Q. 8 ' $A$ @ $B$ ' means ' $A$ is the husband of $B$ ';
' $A$ \& $B$ ' means ' $A$ is the mother of $B$ '.
If ' K @ $\mathrm{H} \& \mathrm{C}$ ', then which of the following statements is correct?
Ans

1. H is the sister of C .
2. H is the father of K .
3. C is the mother of K .
4. $K$ is the father of $C$.
Q. 9 Eight persons K, L, M, N, O, P, Q and R are sitting clockwise around a circular table, facing the centre at equal distances between them in the same order. If $K$ is sitting in the east, then in which direction is $P$ sitting?
Ans
$X$ 1. West
X 2. North-east
5. North-west

X4. North
Q. 10 Select the number from among the given options that can replace the question mark (?) in the following series.
$21,22,18,27,11,36$ ?
Ans
$\times 1.72$
$\times 2.2$
$\times 3.27$

- 4.0
Q. 11 Which two signs need to be interchanged to make the following equation correct?
$25-48+6 \div 12 \times 2=41$
Ans
$\times 1 . \div$ and -

2.     - and +
$\times 3$
3. $\times$ and $\div$
4. $\div$ and +
Q. 12 In a certain code language, 'PLACID' is written as 'QNDGNJ'. How will 'FLASKS' be written in that language?
Ans
5. GNDWQX
6. GNDWPY
7. GNDVPZ
8. GNEXPY
Q. 13 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some calculators are lanterns.
Some lanterns are mobiles.
Conclusions:
I. All mobiles are calculators.
II. No mobile is a lantern.
III. Some mobiles are lanterns.

Ans
X 1 . Only conclusion I follows
2. Only conclusion III follows

X 3. Only conclusions I and III follow
X 4. Only conclusions I and II follow
Q. 14 In a certain code language, 'CONVERT' is coded as '6445297' and 'FORTUNE' is coded as ' 3497542 '. How will 'ACQUIRE' be coded in that language?
Ans

1. 1634192
2. 2614392
3. 1615392
4. 2634192
Q. 15 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

6:41::12:?: : $9: 86$
Ans

1. 149
< 2.139
$\times 3.76$
4.58
Q. 16 ' $A+B$ ' means ' $A$ is the sister of $B$ ';
' $A=B$ ' means ' $A$ is the daughter of $B$ '.
If ' $G+T+U=D$ ', then how is $G$ related to $D$ ?
Ans
2. Mother
3. Daughter
4. Maternal aunt
5. Sister
Q. 17 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
6. Nervous
7. Nobility
8. Nebulizer
9. Nominate
10. Nitrogen

Ans

1. 3, 1, 5, 2, 4
(2. 3, 1, 2, 5, 4
< $3.3,4,2,5,1$
X4.3,5,1,2, 4
Q. 18 Select the option that is related to the third word in the same way as the second word is related to the first word.

Breathing : Respiratory System :: Blood Circulation : ?
Ans
X1. Nervous System
X 2. Excretory System
X 3. Digestive System
4. Circulatory System
Q. 19 In a certain code language, 'CISTERN' is written as 'SICGNRE'. How will 'CLERGYS' be written in that language?
Ans
<1. ECLRSYG
X 2. ELCKSYG
3. ELCISYG
4.ELCRSGY
Q. 20 Select the figure from the options that can replace the question mark (?) and complete the pattern.


Ans

$\times 2$

3.

$\times 4$

Q. 21 Select the correct mirror image of the given combination when the mirror is placed at ' PQ ' as shown.

42865

Ans $\times 1.798 \leq 1$

- G 8 SP

C $\boldsymbol{C} 8$ S
4 $\boldsymbol{\text { C }} 8$ て
Q. 22 In a certain code language, 'WATER' is coded as '4267229'. How will 'PURITY' be coded in that language?
Ans
< 1.11791972
X2. 12691882

* 3.11691872

4. 10691873
Q. 23 In a certain code language, ‘CANDOLIM’ is coded as '311441512913'. How will 'AMRITSAR' be coded in that language?
Ans
X 1.1131992120119
X 2.1141892119118
5. 1131892019118
6. 1131892120119
Q. 24 Select the option in which the given figure is embedded (rotation is NOT allowed).

## $\stackrel{\Delta}{\nabla}$

Ans
$\times 1$

$\checkmark 2$.

$\times 3$.

$x$

Q. 25 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Utility
2. Useful
3. Ultimate
4. Ulterior
5. Utensils

Ans
X $1.3,4,2,5,1$

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

X 3.4,3,2,1,5
X4.4,2,3,5,1

## Section : English Language

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

The sound made by sheep
Ans

1. Bleat

X 2. Neigh
X 3. Grunt
$\times 4$. Moo
Q. 2 Select the option that expresses the given sentence in passive voice.

My friend hurt his knee during the football match.
Ans
< 1. The knee of my friend had been hurt during the football match.
2. The knee of my friend was hurt during the football match.

X 3. The knee of my friend is hurt during the football match.
4. The knee of my friend has been hurt during the football match.
Q. 3 Select the option that can be used as a one-word substitute for the given group of words.
to walk unsteadily as if about to fall
Ans

1. stagger
2. stroll
3. strut
4. stride
Q. 4 Select the most appropriate option to fill in the blank.

Where are you coming $\qquad$ ?

Ans
$X 1$. on
$X$ 2.by
3.for
4. from
Q. 5 Select the most appropriate option to fill in the blank.

You have finished reading this novel, $\qquad$ ?
Ans
$X$ 1. have you
2. didn't you
3. haven't you
4. did you
Q. 6 Select the most appropriate ANTONYM of the given word.

Expedite
Ans

1. Quicken

X 2. Assist

- 3 Hinder
$\times$ 4. Promote
Q. 7 Select the most appropriate meaning of the given idiom.

Come to blows
Ans
$X$ 1. Agree with someone
2. Start fighting after a disagreement

X 3. Enjoy the cool breeze
X 4. Not accept any responsibility

## Q. 8 Select the misspelt word.

Ans

- 1. benifactor

X 2. scientist
$X$ 3. manufacture
X 4. disposal
Q. 9 Select the most appropriate antonym of the given word.

## repress

Ans

1. encourage
2. crush
3. subdue
4. inhibit
Q. 10 Select the INCORRECTLY spelt word.

Ans
$X 1$. Governor
X 2. Gossip
X 3. Gourd
4. Gorgious
Q. 11 Select the wrongly spelt word.

Ans
X1. knives
2. knowledg
$\times$ 3. knight
X 4. kitchen
Q. 12 Select the most appropriate synonym of the given word.

Detect
Ans

1. Ignore
2. Discover

X 3. Invent
$\times$ 4. Suspect
Q. 13 Select the most appropriate SYNONYM of the given word.

Defer
Ans
$X 1$. Hasten
X 2. Advance
3. Continue
4. Postpone

## Q. 14 Select the most appropriate meaning of the given idiom.

## Cost (someone) dearly

Ans

1. To sell something precious
2. To bring one suffering
3. To desire something
4. To be fond of someone
Question ID: 65497841748
Status : Answered
Chosen Option : 3
Q. 15 Select the option that expresses the given sentence in reported speech.

Pushpa said to me, "I am leaving for Hyderabad."
Ans

1. Pushpa told me that I was leaving for Hyderabad.
2. Pushpa told me that I am leaving for Hyderabad.
3. Pushpa told me that she was leaving for Hyderabad.
4. Pushpa told me that she is leaving for Hyderabad.
Question ID : $\mathbf{6 5 4 9 7 8 4 1 4 3 5}$
Status: Answered
Chosen Option : $\mathbf{3}$

## Comprehension:

Read the passage and answer the questions that follow.
A hare was very popular with the other beasts who all claimed to be her friend. But one day she heard the hounds approaching and hoped to escape them with the help of her many friends. "What are friends for," she asked herself, "if not to help out in time of need?" Furthermore, most of her friends were big and brave, so at least one should be able to help. First she went to the horse, and asked him to carry her away from the hounds on his back. But he declined, stating that he had important work to do for his master. "I feel sure," he said, "that all your other friends will come to your assistance." She then applied to the bull, and hoped that he would repel the hounds with his horns. The bull replied: "I am very sorry, but I have an appointment. However, I feel sure that our friend the goat will do what you want." The goat, however, feared that his back might be harmed if he took her upon it. The ram, he felt sure, was the proper friend to apply to. So she went to the ram and told him the case. The ram replied: "Another time, my dear friend. I do not like to interfere on the present occasion, as hounds have been known to eat sheep as well as hares." The hare then applied, as a last hope, to the calf, who regretted that he was unable to help her. He did not like to take the responsibility upon himself, as so many older persons had declined the task. By this time the hounds were quite near, so the hare had to take to her heels. Luckily, she escaped.

SubQuestion No : 16
Q. 16 " take to her heels" means

Ans $X$ 1. hide somewhere
2. run away quickly
$X$ 3. hop on the heels
$X$ 4. take others' help

## Comprehension:

Read the passage and answer the questions that follow.
A hare was very popular with the other beasts who all claimed to be her friend. But one day she heard the hounds approaching and hoped to escape them with the help of her many friends. "What are friends for," she asked herself, "if not to help out in time of need?" Furthermore, most of her friends were big and brave, so at least one should be able to help. First she went to the horse, and asked him to carry her away from the hounds on his back. But he declined, stating that he had important work to do for his master. "I feel sure," he said, "that all your other friends will come to your assistance." She then applied to the bull, and hoped that he would repel the hounds with his horns. The bull replied: "I am very sorry, but I have an appointment. However, I feel sure that our friend the goat will do what you want." The goat, however, feared that his back might be harmed if he took her upon it. The ram, he felt sure, was the proper friend to apply to. So she went to the ram and told him the case. The ram replied: "Another time, my dear friend. I do not like to interfere on the present occasion, as hounds have been known to eat sheep as well as hares." The hare then applied, as a last hope, to the calf, who regretted that he was unable to help her. He did not like to take the responsibility upon himself, as so many older persons had declined the task. By this time the hounds were quite near, so the hare had to take to her heels. Luckily, she escaped.

SubQuestion No: 17
Q. 17 Which of these was NOT the reason why the hare believed her friends would help her?

Ans $\times 1$. she believed that's friends always helped

- 2. her friends had promised to help

X 3. her friends were big and brave
$\times 4$. she was popular among all

## Comprehension:

Read the passage and answer the questions that follow.
A hare was very popular with the other beasts who all claimed to be her friend. But one day she heard the hounds approaching and hoped to escape them with the help of her many friends. "What are friends for," she asked herself, "if not to help out in time of need?" Furthermore, most of her friends were big and brave, so at least one should be able to help. First she went to the horse, and asked him to carry her away from the hounds on his back. But he declined, stating that he had important work to do for his master. "I feel sure," he said, "that all your other friends will come to your assistance." She then applied to the bull, and hoped that he would repel the hounds with his horns. The bull replied: "I am very sorry, but I have an appointment. However, I feel sure that our friend the goat will do what you want." The goat, however, feared that his back might be harmed if he took her upon it. The ram, he felt sure, was the proper friend to apply to. So she went to the ram and told him the case. The ram replied: "Another time, my dear friend. I do not like to interfere on the present occasion, as hounds have been known to eat sheep as well as hares." The hare then applied, as a last hope, to the calf, who regretted that he was unable to help her. He did not like to take the responsibility upon himself, as so many older persons had declined the task. By this time the hounds were quite near, so the hare had to take to her heels. Luckily, she escaped.

SubQuestion No: 18
Q. 18 Why did the horse refuse to help the hare?

Ans
$\times 1$. He was afraid of the hounds
X 2. He would not be able to carry her
X 3. He had an appointment
4. He had work to do for his master

## Comprehension:

Read the passage and answer the questions that follow.
A hare was very popular with the other beasts who all claimed to be her friend. But one day she heard the hounds approaching and hoped to escape them with the help of her many friends. "What are friends for," she asked herself, "if not to help out in time of need?" Furthermore, most of her friends were big and brave, so at least one should be able to help. First she went to the horse, and asked him to carry her away from the hounds on his back. But he declined, stating that he had important work to do for his master. "I feel sure," he said, "that all your other friends will come to your assistance." She then applied to the bull, and hoped that he would repel the hounds with his horns. The bull replied: "I am very sorry, but I have an appointment. However, I feel sure that our friend the goat will do what you want." The goat, however, feared that his back might be harmed if he took her upon it. The ram, he felt sure, was the proper friend to apply to. So she went to the ram and told him the case. The ram replied: "Another time, my dear friend. I do not like to interfere on the present occasion, as hounds have been known to eat sheep as well as hares." The hare then applied, as a last hope, to the calf, who regretted that he was unable to help her. He did not like to take the responsibility upon himself, as so many older persons had declined the task. By this time the hounds were quite near, so the hare had to take to her heels. Luckily, she escaped.

SubQuestion No: 19
Q. 19 Who could force back the hounds with his horns?

Ans

- 1.bul

X 2. ram
X 3. calf
X 4.goat

## Comprehension:

Read the passage and answer the questions that follow.
A hare was very popular with the other beasts who all claimed to be her friend. But one day she heard the hounds approaching and hoped to escape them with the help of her many friends. "What are friends for," she asked herself, "if not to help out in time of need?" Furthermore, most of her friends were big and brave, so at least one should be able to help. First she went to the horse, and asked him to carry her away from the hounds on his back. But he declined, stating that he had important work to do for his master. "I feel sure," he said, "that all your other friends will come to your assistance." She then applied to the bull, and hoped that he would repel the hounds with his horns. The bull replied: "I am very sorry, but I have an appointment. However, I feel sure that our friend the goat will do what you want." The goat, however, feared that his back might be harmed if he took her upon it. The ram, he felt sure, was the proper friend to apply to. So she went to the ram and told him the case. The ram replied: "Another time, my dear friend. I do not like to interfere on the present occasion, as hounds have been known to eat sheep as well as hares." The hare then applied, as a last hope, to the calf, who regretted that he was unable to help her. He did not like to take the responsibility upon himself, as so many older persons had declined the task. By this time the hounds were quite near, so the hare had to take to her heels. Luckily, she escaped.

SubQuestion No : 20
Q. 20 What is the moral of the story?

X 1. Don't try to run before you can walk
2. Beware of fair weather friends

X 3. Barking dogs seldom bite
X4. Ignorance is bliss

## 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.

Aerobics is a system of exercise (1) $\qquad$ stimulates the heart and lungs to (2) $\qquad$ beneficial changes in the body. These (3) $\qquad$ strengthening of the muscles and (4) ___ the rapid flow of air in and out of the lungs; a more (5) $\qquad$ heart to pump more oxygen and blood.

SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in blank no. 1.

Ans

1. which

X 2. whom
X 3. who
$\times 4$. where

## Comprehension:

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

Aerobics is a system of exercise (1) $\qquad$ stimulates the heart and lungs to (2) $\qquad$ beneficial changes in the body. These (3) $\qquad$ strengthening of the muscles and (4)
the rapid flow of air in and out of the lungs; a more (5) $\qquad$ heart to pump more oxygen and blood.

SubQuestion No : 22
Q. 22 Select the most appropriate option to fill in blank no. 2.

Ans
X 1 . discover
2. produce

X 3. design
X 4. assemble

## 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.

Aerobics is a system of exercise (1) $\qquad$ stimulates the heart and lungs to (2) $\qquad$ beneficial changes in the body. These (3) $\qquad$ strengthening of the muscles and (4) the rapid flow of air in and out of the lungs; a more (5) $\qquad$ heart to pump more oxygen and blood.

SubQuestion No : 23
Q. 23 Select the most appropriate option to fill in blank no. 3.

Ans
X 1 . insert
X 2. enter

- 3 . include

X 4. admit

## 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.

Aerobics is a system of exercise (1) $\qquad$ stimulates the heart and lungs to (2) $\qquad$ beneficial changes in the body. These (3) strengthening of the muscles and (4) the rapid flow of air in and out of the lungs; a more (5) $\qquad$ heart to pump more $\overline{\text { oxygen }}$ and blood.

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank no. 4 .

Ans
$X$ 1. choking
$\times 2$. stifling
3. aiding
$\times 4$. blocking

## 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.

Aerobics is a system of exercise (1) $\qquad$ stimulates the heart and lungs to (2) $\qquad$
beneficial changes in the body. These (3) $\qquad$ strengthening of the muscles and (4) the rapid flow of air in and out of the lungs; a more (5) $\qquad$ heart to pump more oxygen and blood.

SubQuestion No: 25
Q. 25 Select the most appropriate option to fill in blank no. 5 .

Ans
$X$ 1. adequate
X 2. skillful
3. efficient
$\times 4$. trained

## Section : Quantitative Aptitude

Q. 1 Pipe A can fill a tank in 12 minutes and pipe B can empty it in 6 minutes. If the tank is $50 \%$ full, and both pipes are opened together, then the tank will be completely empty after:
Ans $\quad \times 1.7$ minutes
จ 2. 6 minutes
$X$ 3. 7.2 minutes
$X 4.6 .4$ minutes
Q. 2 A sum of $₹ 3,750$ amounts to $₹ 5,500$ in $5 \frac{1}{3}$ years at a certain rate percent per annum simple interest. The interest on same
sum will be $₹ x$ in $2 \frac{2}{3}$ years at the same rate of simple interest. The value of $x$ is:
Ans

1. 875

X2. 925
$\times 3.825$
$\times 4.975$
Q. 3 Pipes A and B together can fill an empty tank in 30 hours, whereas pipes B and C together can fill it in 24 hours. A, B and $C$ together can fill the tank in 20 hours. In how many hours can pipe B alone fill $35 \%$ of the tank?
Ans
X1. $10 \frac{1}{2}$
2. 14

X 3.21
X. $17 \frac{1}{2}$
Q. 4 There are 88 students in a class. The ratio of the number of girls and boys is $5: 3$. If the average weight of boys is 79.3 kg and that of girls 65.4 kg , then the average weight (in kg ) of all the students in the class is: (Correct to one decimal place)

Ans
X1. 63.8
$\times 2.72 .8$

- 3. 70.6

X4. 74.2
Q. 5 What is the ratio of the mean proportional between 1.9 and 17.1 to the third proportional to 1.2 and 4.2 ?

Ans

1. $19: 49$
$\times 2.13: 37$
X 3. $17: 87$
X4.11:47
Q. 6 How long (in seconds) will a train of a length 450 m , running at a speed of $69 \mathrm{~km} / \mathrm{h}$, take to cross a man moving in the opposite direction at a speed of $3 \mathrm{~km} / \mathrm{h}$ ?
Ans
2. 22.5
3. 18.5
$\times 3.20$
X4. 25
Q. 7 The average of three positive mumbers is $x$. When the average of any two of them is added to the third number, the sums obtained are 39,45 and 48 . What is the value of $x$ ?
Ans
X1. 23
4. 22
$\times 3.28$
X4. 24
Q. 8 A person bought 20 kg of oranges at $₹ 64 \mathrm{~kg}, 25 \mathrm{~kg}$ of oranges at $₹ 56 \mathrm{~kg}$ and $₹ 35 \mathrm{~kg}$ of oranges at $₹ 60 \mathrm{~kg}$. He mixed the three varieties. If he sells the whole lot at $₹ 68.75 / \mathrm{kg}$, then his profit percentage is: (correct to the nearest integer)

Ans
X1. $18 \%$
2. $15 \%$

X 3. $12 \%$
4. 13\%
Q. 9 If $(7 x-3)^{3}+(x+2)^{3}+27(2 x+5)^{3}=9(7 x-3)(x+2)(2 x+5)$, then $(9 x+13):(5 x+7)=$ ?

Ans
X1. $35: 19$
2. $5: 3$
3. $2: 1$
4. $11: 6$
Q. 10 An article was marked at $26 \%$ above the cost price. It is sold at $16 \%$ discount on the marked price. The percentage profit is:
Ans
X1. $3.75 \%$
$\times 2.6 .45 \%$
$\checkmark$ 3. $5.84 \%$
X4. $4.48 \%$
Q. 11 A loan of $₹ 15,300$ is to be paid back in two equal half yearly instalments. If the rate of interest is $8 \%$ p.a., compounded 6 -monthly, then the value of each instalment is:

Ans

1. ₹ 8,121
2. ₹ 8,112
3. ₹ 8,211
4. ₹ 8,212
Q. 12 The price of an item increases by $20 \%$, then increases by $25 \%$, and after that decreases by $45 \%$. If the last price of the article is $₹ 396$, then what is the original price of the article?

Ans

1. ₹480
2. ₹450

X 3. ₹520
X4. ₹ 420
Q. 13 The average of some numbers is 36 . If each of $\frac{3}{4}$ of the numbers is increased by 8 , and each of the remaining numbers is decreased by 10 , then the average of the numbers, so obtained, is:

Ans
X1. 38
-2. 39.5
$\times 3.36$
$\times 4.40 .5$
Q. 14 If the nine-digit number $8698 x 138 y$ is divisible by 72 , then the value of $\sqrt{3 x+y}$ is:

Ans

1. 5
2. 4
$\times 3.6$
$\times 4.7$
Q. 15 When a number $n$ is divided by 6 , the reminder is 3 . What will be the remainder when $\left(n^{4}+n^{3}+n^{2}+5 n\right)$ is divided by 6 ?

Ans
$\times 1.2$
$\times 2.1$
$\checkmark$ 3. 0
X4. 3
Q. 16

If $\mathrm{a}: \mathrm{b}=\frac{2}{3}$ and $\mathrm{b}: \mathrm{c}=\frac{5}{8}$, then $(3 a+c):(4 b-c)=$ ?
Ans

1. $3: 4$
2. $2: 1$
3. $5: 3$
4. $3: 2$
Q. 17 The circumference of a circular field is 704 m . What is the cost of levelling it at $₹ 15.25 / \mathrm{m}^{2}$ ?
(take $\pi=\frac{22}{7}$ )
Ans
5. ₹ $5,49,280$
6. ₹ $6,51,744$
7. ₹ $6,01,216$
8. ₹ $6,48,048$
Q. 18 By selling an article for $₹ 4,536$, a shopkeeper loses $16 \%$. To gain $11 \%$, he should sell it for (in ₹):

Ans

1. 5,499
2. 4,995
3. 5,949
4. 5,994
Q. 19 The selling price of an article is ₹ 624 when it is sold at $30 \%$ profit. If the cost price of the article is increased by ₹ 50 and the selling price is increased by ₹ 60 , then what will be the profit percentage (nearest to an integer)?
Ans
×1. $28 \%$
5. $25 \%$
6. $29 \%$
7. $27 \%$
Q. 20 If $x+\frac{1}{x}=4, x>0$, then what is the value of $\left(x^{4}+\frac{1}{x^{2}}\right) \div\left(x^{2}+8 x+1\right)$ ?

Ans

- $1 . \frac{13}{3}$

2. $\frac{16}{9}$
3. $\frac{8}{3}$

X4. $\frac{7}{6}$
Q. 21 If $x$ exceeds $25 \%$ of itself by 72 , and $y$ exceeds $40 \%$ of itself by 60 , then $y$ exceeds $x$ by: (Correct to one decimal place)

Ans

1. $3.8 \%$
2. $5.6 \%$
3. $4.2 \%$

X4. $4.9 \%$
Q. 22 If the simple interest on a sum of $₹ x$ at $8 \%$ p.a. for $3 \frac{1}{2}$ years is double the simple interest on another sum of $₹ y$ at $12 \%$ p.a. for 3 years, then the ratio of $\pi$ to $y$ is:

Ans
X1. $20: 7$
2. $18: 7$
X. $8: 11$

X4. 5:11
Q. 23 The time taken by a boat to go a certain distance upstream is twice the time taken by it to go the same distance downstream. If the speed of the stream is $3 \mathrm{~km} / \mathrm{h}$, then how much time (in hours) will the boat take to go 52 km upstream?
Ans
$X$ 1. $4 \frac{1}{3}$
X2. $5 \frac{1}{5}$
X 3. $5 \frac{7}{9}$
4. $8 \frac{2}{3}$
Q. 24 The marked price of an article is ₹550. It is sold for ₹428.45 after giving two successive discounts of $18 \%$ and $x \%$ on the marked price. What is the value of $2 x$ ?
Ans
$\times 1.12$
$\times 2.8$
$\times 3.5$
4. 10
Q. 25 The number of seats in a school is increased by $18 \%$, and the fees are also increased by $11 \%$. What is the percentage increase in the revenue collected?
Ans

1. $30.98 \%$
2. $28.45 \%$

X 3. $29.79 \%$
$\times 4.31 .67 \%$

Section : General awareness
Q. 1 Ciliate, or Ciliophoran are the member of which of the following phylums?

Ans
X1. Sipuncula
2. Protozoa

X 3. Rotifers
X 4. Echinoderm
Q. 2 In October 2021, a programme called 'Desh Ke Mentor', which aimed at connecting students in classes IX to XII with voluntary mentors, was launched by which of the following states/UTs?

Ans
X1. Andhra Pradesh
2. Uttar Pradesh
3. West Bengal
4. Delhi
Question ID : $\mathbf{6 5 4 9 7 8 4 1 4 9 0}$
Status : Answered
Chosen Option : $\mathbf{4}$
Q. 3 Which Governor General of British India had described the kingdom of Awadh as "a cherry that will drop into our mouth one day"?
Ans
X1. Charles Metcalfe
X 2. Charles Canning
X 3. Lord William Bentinck
4. Lord Dalhousie
Q. 4 As per India Census 2011, which of the following states has the maximum growth of population in percentage terms between 2001 to 2011?
Ans
X1. Odisha
X 2. West Bengal
X 3. Jharkhand
4. Chhattisgarh
Q. 5 In April 2021, the Nelson Mandela World Humanitarian Award 2021 has been won by:

Ans

1. Rumana Sinha Sehgal

X 2. Sudha Bhattacharya
X 3. Archana Bhattacharyya
4. Sushmita Mitra
Q. 6 Which of the following rivers does NOT originate from the Mansarovar Lake?

Ans
$\times 1$. Indus
2. Chenab

X 3. Sutlej
X4. Brahmaputra
Q. 7 Which of the following Articles of the Constitution of India deals with the rights of citizenship of certain persons who have migrated to India from Pakistan?
Ans
X 1 . Article 7
2. Article 6
$X$ 3. Article 8
4. Article 9

## Q. 8 The Constitution of India was adopted on:

Ans

- 1.26 January 1950

X 2. 22 January 1947
X 3. 26 November 1949
X 4.17 December 1946
Q. 9 Which of the following filmmakers won the award for best documentary at the 74th Cannes Film Festival (2021) for the film 'A Night of Knowing Nothing'?
Ans
X 1. Muzaffar Ali
2. Payal Kapadia

X 3. Kombai Anwar
4. G Aravindan
Q. 10 Which of the following festivals is celebrated as New Year's Day in the states of Andhra Pradesh, Telangana and Karmataka?
Ans

1. Ugadi

X 2. Brahmotsavam
X 3. Dasara
X 4. Baishagu
Q. 11 Who among the following is Kashmir's first Padma awardee in sport?

Ans
X 1 . Iqra Rasool
X 2. Mithun Manhas

- 3. Faisal Ali Dar

X4. Chain Singh
Q. 12 Which neighbouring country of India coined the phrase 'Gross National Happiness'?

Ans
X1. Nepal
X 2. Sri Lanka
3. Bhutan

X 4. Bangladesh
Q. 13 Pride and Prejudice is a romantic novel written by

Ans
X1. Roald Dahl
2. Jane Austen

X 3. Agatha Christie
4. John Milton
Q. 14 Mahavir, the 24th Tirthankar of Jains was born in $\qquad$ -.
Ans

1. Bihar
2. Sikkim
3. Arunachal Pradesh
4. Rajasthan
Q. 15 Which of the following Mughal Emperors was so concerned about the addiction of tobacco that he banned it?

Ans
X1. Akbar
2. Shah Jahan
3. Aurangzeb
4. Jahangir
Q. 16 In January 2022, Union Education Minister Dharmendra Pradhan launched a day reading campaign 'Padhe Bharat'.
Ans
< 1.90
2.30
$\times 3.180$
4. 100
Q. 17 The muga silkworm is endemic to:

Ans
X1. Nagaland
X 2. West Bengal
3. Tamil Nadu
4. Assam
Q. 18 'Tahzibul Akhlaq' a reputed regular magazine, was established by $\qquad$ .
Ans
X1. Khan Abdul Ghaffar Khan
X 2. Maulana Abul Kalam Azad
X 3. Maulana Muhammad Ali
4. Syed Ahmad Khan
Q. 19 In February 2022 India announced to boycott which sports event at the diplomatic level, although it will send an athlete for the event?
Ans
X 1. Beijing 2022 Paralympic Games
X 2. FIFA W orld Cup 2022 in Qatar
X 3. Commonwealth Games 2022 in England

- 4. Beijing 2022 Winter Olympics
Q. 20 Elephantiasis disease, in which there is chronic inflammation of the organs, is caused by which of the following worms?

Ans

1. Ringworm
2. Ascaris
3. Microsporum
4. Wuchereria
Q. 21 Which of the following terms is used for stored energy that depends upon the relative position of various parts of a system?

Ans
X1. Mechanical energy
2. Potential energy

X 3. Kinetic energy
4. Thermal energy


Selection Post Phase IX 2021 Matriculation level

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | 16/03/2022 |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Selection Post Matriculation Level |

## Section : General Intelligence

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

1. Factual
2. Facade
3. Facelift
4. Fantasy
5. Fenugreek

Ans
X1.5, 3, 1, 4, 2
2. 2, 3, 4, 1, 5
3. 2, 3, 1, 4, 5
4. $2,1,3,4,5$
Q. 2 Select the number from among the given options that can replace the question mark (?) in the following series.
$20,25,35,50,70$, ?
Ans
X1.85
$\times 2.90$

- 3.95

4. 100
Q. 3 In a certain code language, 'SPAIN' is coded as '14-9-1-16-19'. How will 'MADRAS' be coded in that language?
Ans
X 1. 18-1-19-4-1-12
X 2. 19-1-18-6-2-133. 19-1-17-4-1-14
5. 19-1-18-4-1-13
Q. 4 In a certain code language, 'PUPILS' is written as 'KFKROH'. How will 'EQUAL' be written in that language?
Ans
6. VJFZO
7. VJGZP

X 3.WJFBO
X 4. VKFZP
Q. 5 In a certain code language, 'ROCKET' is coded as ' 36 ', and 'MASON' is coded as ' 25 '. How will 'SERVITUDE' be coded in that language?
Ans
$\times 1.56$
$\times 2.64$
$\times 3.48$

- 4.8
Q. 6 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.


## Statements:

All parrots are crows.
All crows are eagles.
Conclusions:
I. All parrots are eagles.
II. Some crows are parrots.

Ans

1. Only conclusion II follows
2. Either conclusion I or II follows
3. Both conclusions I and II follow
4. Only conclusion I follows
Q. 7 Select the option that is related to the third word in the same way as the second word is related to the first word.

Complex : Simple :: Timid : ?
Ans
X1. Shy
X 2. Jealous
X 3. Arrogant

- 4. Bold
Q. 8 Select the option that is related to the third term in the same way as the second term is related to the first term.

GUARD : TFZIW : : PLOTS : ?
Ans

1. MNLGH
2. KOLGH

X 3. KOMFH
X4.KOMGE
Q. 9 Seven friends Aravind, Bhanu, Charan, Dilip, Prem, Koushal and Gopal are sitting around a circular dining table, facing the centre. Koushal is second to the right of Gopal. Bhanu is a neighbour of Koushal but not of Charan. Prem is a neighbour of Charan and is sitting fourth at the right of Gopal. Dilip is between Prem and Aravind. Who sits fourth to the left of Gopal?
Ans
X1. Prem
2. Charan

X 3. Bhanu
X4. Dilip
Q. 10 P is the father of $M$. $T$ is the son of $V . Z$ is the wife of $M . Z$ 's father $Q$ is $V$ 's husband. How is $T$ related to $Z$ ?

Ans
X 1. Paternal uncle

- 2. Brother

X 3. Son
X4. Nephew
Q. 11 Aditi, Vinita, Sakshi, Yogya, Sukriti and Rohini are sitting around a circular table facing the centre. Sakshi is at third place to the left of Yogya. Sukriti is to the immediate right of Aditi. Vinita is to the immediate left of Rohini, who is second to the right of Sakshi. Who is sitting to the immediate right of Rohini?
Ans
X 1 . Sukriti
X 2. Sakshi
3. Yogya
4. Aditi
Q. 12 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans
$\times 2$.

$\times 3$

$\times 4$.

Q. 13 In a certain code language, 'play well' is written as 'Se Te', 'do well' is written as 'Te

Ge', and 'do it' is written as 'Ge Fe'. How will 'do play' be written in that language?
Ans
$\times 1 . \mathrm{Te} \mathrm{Ge}$
X 2. GeFe
3. Ge Se
$\times 4 . \mathrm{FeTe}$
Q. 14 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.

TK_TKT_P_K_KPTK_K_TK
Ans
X1.P,K,T, P, K, T
X 2. P, T, T, K, P, T
)
3. P, K, T, T, T, P
< 4. P, T, K, P, T, K
Q. 15 In a certain code language, 'POISED' is written as 'CDRHNO'. How will 'LEASED' be written in that language?
Ans
X 1. CDRZEK
X 2. BDRYDK

- 3. CDRZDK

X 4. CDSZEK
Q. 16 In a certain code language, 'NOTEPAD' is coded as ' 456 ' and 'NUCLEOUS' is coded as '424'. How will 'AMBIENT' be coded in that language?
Ans
$\times 1.585$

- 2.500
$\times 3.400$

4. 485
Q. 17 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.
5. India
6. Orissa
7. World
8. Universe
9. Asia

Ans
X1.1,2,5,3, 4
2. 2, 1, 5, 3, 4

X 3.2,1,5, 4, 3
X4.2,1,3,5,4
Q. 18 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans
$\Rightarrow$
2.
$\square$
< 3.

Q. 19 Which two signs should be interchanged to make the given equation correct?
$48 \div 12+42-24 \times 3=34$
Ans
X1. + and $\times$
X2. $\div$ and -

- 3.         - and +

X 4. $\div$ and +
Q. 20 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

4 : 32 :: 7 : ? :: 12 : 192
Ans
$\times 1.105$
$\times 2.98$
$\times 3.93$

- 4.77
Q. 21 Select the option that is related to the third term in the same way as the second term is related to the first term.

TEMPER : REPMET :: EMOTION : ?
Ans

1. NOITOME
< 2. ITNOOEM
$\times$ 3. NOITMEO
X 4. NTOIOME
Q. 22 Select the number from among the given options that can replace the question mark (?) in the following series.

4, 22, 47, 83, 132, 198, 283, ?
Ans
$\times 1.319$

- 2.391
$\times 3.419$
4.491
Q. 23 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 from the statements.


## Statements:

No certificate is a paper.
All pens are papers.

## Conclusions:

I. No certificate is a pen.
II. No paper is a certificate.
III. Some papers are pens.

Ans
X 1. Only conclusions II and III follow
2. All conclusions I, II and III follow

X 3. Only conclusions I and III follow
X 4. Only conclusions I and II follow
Q. 24 K is the mother of $C . M$ is the sister of $P . U$ is the mother of $P . G$ is the father of $K$ and $P$. How is $U$ related to $C$ ?
Ans
X 1. Grandfather
2. Mother
3. Grandmother
4. Paternal aunt
Q. 25 Select the correct mirror image of the given combination when the mirror is placed at ' PQ ' as shown.

GTRSfip

## Q

Ans

- 1 Я Т $\boldsymbol{0}$
$\times 2$ † Я 15



Section: English Language
Q. 1 Select the most appropriate option to fill in the blank.

She is quite clever, $\qquad$ ?
Ans
$<1$. is she
$\times 2$. aren't she
$X 3$. is it
4. isn't she
Q. 2 Select the most appropriate ANTONYM of the given word.

Dense
Ans
X1. Packed
X 2. Close
$\times$ 3. Thick
4. Sparse
Q. 3 Select the option that can be used as a one-word substitute for the given group of words.

A blank book for keeping a collection of photographs, stamps or pictures.
Ans
X1. Atlas
X 2. Anthology
3. Album

X4. Diary

## Q. 4 Select the correct passive form of the given sentence.

My brother picked up my friend from the airport.
Ans 1. My friend was picked up by my brother from the airport.
2. My friend has been picked up by my brother from the airport.
3. My friend has picked up my brother from the airport.
4. My brother was picked up by my friend from the airport.
Q. 5 Select the option that can be used as a one-word substitute for the given group of words.

The sound made by a camel
Ans

1. Grunt

X 2. Bark
$X$ 3. Trumpet
4. Growl
Q. 6 Select the most appropriate meaning of the given idiom.
lose count of
Ans

1. forget the accurate total
2. something that happens rarely
3. depend on others for help
4. waste a lot of money
Q. 7 Select the most appropriate synonym of the given word.

## release

Ans

1. fix

- 2. free
$X$ 3. hold
$X 4$. rise


## Q. 8 Select the most appropriate ANTONYM of the given word.

Compact
Ans
$X$ 1. Tight
X 2. Firm
3. Solid
4. Loose
Q. 9 Select the correctly spelt word.

Ans
$X 1$. Spakling
X 2. Sparklling3. Sparkeling
4. Sparkling
Q. 10 Select the INCORRECTLY spelt word.

Ans
X1. Graduate
2. Graiceous
3. Gratification
4. Gradation
Q. 11 Select the option that expresses the given sentence in reported speech.

Kavya said, "I am writing a paragraph on the Republic Day parade."
Ans

1. Kavya said that she is writing a paragraph on the Republic Day parade.
2. Kavya said that I am writing a paragraph on the Republic Day parade.
3. Kavya said that she was writing a paragraph on the Republic Day parade.
4. Kavya said that I was writing a paragraph on the Republic Day parade.
Q. 12 Select the most appropriate synonym of the given word.

## mOROSE

Ans
$X$ 1. beautiful
2. delightful
3. faithful
4. mournful
Q. 13 Select the most appropriate meaning of the given idiom.
see the light of day
Ans
X 1 . come out of difficulties
2. get up early in the morning
3. be very happy
4. become publicly known
Q. 14 Select the INCORRECTLY spelt word.

Ans
<1. Presume
X 2. Preserve
2. Premeir
4. Preview
Q. 15 Select the most appropriate option to fill in the blank.

You went to meet you friend yesterday, $\qquad$ ?
Ans
X1. did you

- 2. didn't you
$X$ 3. have you

4. haven't you

## Comprehension:

Read the given passage and answer the questions that follow.
Rahul's wife knows that Rahul loves to cook. So for his birthday she decided to get a cookbook for him. She presented it to him in the morning. Rahul was so delighted that he told her that he would prepare his birthday dinner himself. They invited Rahul's two friends, Mohit and Anshul, for the party.
Rahul first prepared tomato soup. He put in tomatoes, carrots and onions in the soup with some salt and pepper. The recipe called for some cream to be put on the soup. So, Rahul took some fresh cream from the milk in the fridge, whipped it and put it on the soup. His mother, who was also there, just loved the soup.
For the main course, Rahul prepared peas and paneer which he bought during the day from the supermarket. The peas and paneer dish was cooked in tomato gravy according to the cookbook with a lot of different spices. His friends liked this dish the best. Apart from this, Rahul also prepared some cucumber, onion and peanut salad to go with the peas and paneer dish and pooris. It was the easiest for him to make. Rahul's wife loved the salad the best. Finally, Rahul also prepared a sweet dish to be served as dessert after the dinner. It was kheer, the traditional Indian dish, made of rice cooked in milk with some roasted nuts for garnishing. Everybody enjoyed the kheer after the dinner.

SubQuestion No: 16
Q. 16 Match the people with the dishes they liked.

People Dishes they liked
a. Rahul's wife 1. Soup
b. Rahul's mother 2. Peas and paneer
c. Rahul's friends 3. Salad

Ans $\times 1 . a-2, b-1, c-3$
< 2. a-1, b-3, c-2
X 3. a-3, b-2, c-1
4. a-3, b-1, c-2

## Comprehension:

Read the given passage and answer the questions that follow.
Rahul's wife knows that Rahul loves to cook. So for his birthday she decided to get a cookbook for him. She presented it to him in the morning. Rahul was so delighted that he told her that he would prepare his birthday dinner himself. They invited Rahul's two friends, Mohit and Anshul, for the party.
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For the main course, Rahul prepared peas and paneer which he bought during the day from the supermarket. The peas and paneer dish was cooked in tomato gravy according to the cookbook with a lot of different spices. His friends liked this dish the best. Apart from this, Rahul also prepared some cucumber, onion and peanut salad to go with the peas and paneer dish and pooris. It was the easiest for him to make. Rahul's wife loved the salad the best. Finally, Rahul also prepared a sweet dish to be served as dessert after the dinner. It was kheer, the traditional Indian dish, made of rice cooked in milk with some roasted nuts for garnishing. Everybody enjoyed the kheer after the dinner.
SubQuestion No : 17
Q. 17 How did Rahul get the cookbook?

Ans 1. His wife presented it to him.
$\times 2$. He bought it from the supermarket.
X 3 . His friends brought it for him.
4 4. His mother got it for him.

## Comprehension:

Read the given passage and answer the questions that follow.

Rahul's wife knows that Rahul loves to cook. So for his birthday she decided to get a cookbook for him. She presented it to him in the morning. Rahul was so delighted that he told her that he would prepare his birthday dinner himself. They invited Rahul's two friends, Mohit and Anshul, for the party.
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SubQuestion No: 18
Q. 18 Which ingredients did Rahul put in the soup that he prepared?
a. Tomatoes
b. Onions
c. Carrots

Ans
X1. a and b
2. 2. a, b and c

X 3. a and c
X4.b and c

## Comprehension:

Read the given passage and answer the questions that follow.
Rahul's wife knows that Rahul loves to cook. So for his birthday she decided to get a cookbook for him. She presented it to him in the morning. Rahul was so delighted that he told her that he would prepare his birthday dinner himself. They invited Rahul's two friends, Mohit and Anshul, for the party.
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SubQuestion No: 19
Q. 19 What did Rahul get from the supermarket?

Ans
X 1. Cucumber and carrots
2. Peas and paneer
3. Tomatoes and onions

X 4. Rice and milk

## Comprehension:

Read the given passage and answer the questions that follow.
Rahul's wife knows that Rahul loves to cook. So for his birthday she decided to get a cookbook for him. She presented it to him in the morning. Rahul was so delighted that he told her that he would prepare his birthday dinner himself. They invited Rahul's two friends, Mohit and Anshul, for the party.
Rahul first prepared tomato soup. He put in tomatoes, carrots and onions in the soup with some salt and pepper. The recipe called for some cream to be put on the soup. So, Rahul took some fresh cream from the milk in the fridge, whipped it and put it on the soup. His mother, who was also there, just loved the soup.
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SubQuestion No: 20

## Q. 20 How did Rahul manage to get the cream for the soup?

Ans $\quad \times 1$. He just took it out of the fridge.
X 2. He bought it from the supermarket.
X 3 . His wife got it for him.
4. He whipped the fresh cream from the milk.

## Comprehension:

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

Man wages war against the creatures which he 1. $\qquad$ harmful even when his warfare
makes 2 $\qquad$ or no difference to the numbers of his enemies. He 3 $\qquad$ those creatures
that are useful. Thus, our 4 $\qquad$ to song-birds, birds of prey and other animals is 5 .

SubQuestion No : 21
Q. 21 Select the most appropriate option to fill in blank No. 1

Ans
X 1. remembers

- 2. considers

X 3. observes
$\times 4$. recognizes

## Comprehension:

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

Man wages war against the creatures which he 1 $\qquad$ harmful even when his warfare makes 2 $\qquad$ or no difference to the numbers of his enemies. He 3 $\qquad$ those creatures that are useful. Thus, our 4 $\qquad$ to song-birds, birds of prey and other animals is 5 .
___ by the fact that they have either been proved useful or of no consequence at all.
SubQuestion No: 22
Q. 22 Select the most appropriate option to fill in blank No. 2

Ans
$\times 1$. less
X 2. few
$\times$ 3.fewer
4. little

## Comprehension:

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

Man wages war against the creatures which he 1. $\qquad$ harmful even when his warfare makes 2 $\qquad$ or no differe
$\qquad$
$\qquad$ those creatures that are useful. Thus, our 4 to song-birds, birds of prey and other animals is 5 .
$\qquad$ by the fact that they have either been proved useful or of no consequence at all.

SubQuestion No: 23
Q. 23 Select the most appropriate option to fill in blank No. 3

Ans
X1. decides
2. favours

X 3. proves
X4. declines

## Comprehension:

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

Man wages war against the creatures which he 1 $\qquad$ harmful even when his warfare
makes 2 $\qquad$ or no difference to the numbers of his enemies. He 3 $\qquad$ those creatures that are useful. Thus, our 4 $\qquad$ to song-birds, birds of prey and other animals is 5 .
$\qquad$ by the fact that they have either been proved useful or of no consequence at all.

SubQuestion No : 24
Q. 24 Select the most appropriate option to fill in blank No. 4

Ans $\times 1$. belief
X 2.impression
2. attitude

X 4.behaviour

## Comprehension:

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

Man wages war against the creatures which he 1. $\qquad$ harmful even when his warfare makes 2 $\qquad$ or no difference to the numbers of his enemies. He 3 $\qquad$ those creatures
that are useful. Thus, our 4 $\qquad$ to song-birds, birds of prey and other animals is 5 .

SubQuestion No : 25
Q. 25 Select the most appropriate option to fill in blank No. 5

Ans
X 1. completely
X 2. adapted
X 3. certainly
4. determined

## Section : Quantitative Aptitude

Q. 1 A, B and $C$ can complete a certain work in 30 days. $B$ and $C$ together can complete the same work in 45 days. If B is
$20 \%$ more efficient than A , then B alone can complete one-third of the same work in:
Ans

1. 20 days
2. 30 days
3. 15 days
4. 25 days
Q. 2 A and B together can do a certain work in 36 days, whereas B and C together can do it in 30 days. A, B and C together can complete the same work in 24 days. In how many days can A alone complete $33 \frac{1}{3} \%$ of the same work?

Ans

1. 45
2. 36
$\times$ 3. 20

- 4.40
Q. 3 What is the amount (in $₹$ ) on a sum $₹ 50.000$ for $2 \frac{3}{4}$ years at $12 \%$ p.a., if the interest is compounded annually? (nearest to an integer)
Ans 1. 68,365

2. 66,538
3. 66,385
4. 63,685
Q. 4 If $a+b+c=8$ and $a b+b c+c a=2$, then what is the value of $a^{3}+b^{3}+c^{3}-3 a b c$ ?

Ans
$\times 1.547$
$\times 2.449$
$\times 3.452$
4. 464
Q. 5 The incomes of $A$ and $B$ are in the ratio 3:7.A and B save $₹ 3,800$ and $₹ 12,200$, respectively. If the ratio of their expenditures is $4: 9$, then what is the difference (in ₹) between the income of A and $40 \%$ expenditure of $B$ ?

Ans

1. 7,800
2. 7,500
3. 7,200
4. 8,200
Q. 6 A is $30 \%$ more than B and C is $18 \%$ less than the sum of A and B . By what percentage is C more than A (correct to one decimal place)?

Ans
X1. $44.7 \%$
$\times$ 2. $40.9 \%$

- 3. $45.1 \%$

X4. 48.4\%
Q. 7 The income of a company increases $18 \%$ per year. If its income is $₹ 29,93,660$ in the year 2020, what was the income (in $₹$ ) in 2018?
Ans

1. $25,00,100$
2. $21,50,000$
3. $25,10,000$
4. $21,00,500$
Q. 8 The cost price of an article is ₹126. A shopkeeper marks it in such a way that even after giving a $16 \%$ discount on the marked price, he still gains $25 \%$. What is the marked price (in ₹) of the article?

Ans

1. 187.50
2. 190.50
$\times$ 3. 200.80
$\times 4.175 .80$
Q. 9 The area of a triangular field with sides $48 \mathrm{~m}, 90 \mathrm{~m}$ and 102 m is equal to 3 times the area of rectangular plot whose sides are in the ratio $4: 5$. The perimeter of the rectangular plot is:

Ans
$\times 1.90 \mathrm{~m}$
$\times 2.144 \mathrm{~m}$

- 3. 108 m

X 4.126 m
Q. 10 Which of the following is NOT divisible by 11 ?

Ans
-1. 7985314625
$\times 2.8957314652$
$\times$ 3. 8050314052
$\times 4.9857316425$
Q. 11 A sum of $₹ x$ is divided between $A, B$ and $C$ in the ratio $\frac{4}{5}: \frac{2}{3}: \frac{3}{4}$. If the share of $B$ is $₹ 2,600$, then what is the value of $x$ ?

Ans

1. 8,645
2. 8,515
3. 8,450
4. 8,580
Q. 12 The compound interest on a certain sum at $15 \%$ p.a. in 2 years is $₹ 4,837.50$, interest compounded-yearly. What is the amount of the same sum at the same rate and for the same time, if the interest is compounded 8 -monthly?

Ans

1. ₹ 19,965
2. ₹ 21,296
3. ₹ 19,275
4. ₹ 19,300
Q. 13 On selling an article for ₹ 493.60 , the gain is $20 \%$ more than the amount of loss incurred on selling it for $₹ 432$. If the article is sold for ₹ 441.50 , then what is the percentage (correct to the nearest integer) gain/loss?
Ans
5. Profit 7\%
6. Loss $5 \%$
7. Loss 4\%
8. Profit 3\%
Q. 14 The distance between two persons A and B is 432 km . They started travelling towards each other at $7: 20$ hours at 24.5 $\mathrm{km} / \mathrm{h}$ and $20.5 \mathrm{~km} / \mathrm{h}$, respectively. At what time did they meet?

Ans

1. 16:56 hours
2. 14:08 hours
3. 13:18 hours
4. 13:38 hours
Q. 15 The average of eleven consecutive positive integers in increasing order is 251 . If the next four odd numbers are included, then what is the average of all the numbers?
Ans
5. 253
6. 253.4
7. 254
8. 252.6
Q. 16 If the cost price of $x$ articles is equal to the selling price of 20 articles and the loss is $20 \%$, then what is the value of $x$ ?

Ans

1. 16
2. 15
3. 18
4. 12
Q. 17 A post office received 54 parcels with an average weight of 125 g . The average weight of 52 parcels is 125.5 g . Among the remaining two parcels, one weighs one-third of the other: What is the difference between the weights (in $g$ ) of these two parcels?
Ans
5. 112
6. 96
7. 106
8. 108
Q. 18 How many integers between 299 and 501 are divisible by 4 or 10 ?

Ans
$\times 1.56$
2. 72
$\times 3.51$
-4. 61
Q. 19 A person sold a gas stove for $₹ 1,810$ and a geyser for $₹ 2,432$. He gained $40 \%$ on the gas stove and lost $14 \%$ on the geyser. His net gain/loss on the whole transaction was approximately:

Ans

1. gain, ₹ 121.24
2. loss, ₹ 142.36
3. gain, ₹132
4. loss, ₹ 113
Q. 20 If $a+b+c=1$, and $a^{3}+b^{3}+c^{3}=55$, and $a b+b c+c a=-10$, then what is the value of $5 a b c$ ?

Ans
$\times 1.35$
$\times 2.45$

- 3. 40
$\times 4.25$
Q. 21 A sum of ₹ 70,000 was lent partly at $4 \%$ p.a. and the remaining at $6 \%$ p.a. simple interest. The total interest received after $3 \frac{1}{2}$ years is $₹ 12,488$. The sum lent at $4 \%$ p.a. is:
Ans

1. $₹ 38,400$
2. ₹ 35,200
3. ₹ 31,600
4. ₹ 34,800
Q. 22 The marked price of an article is ₹ 250 . It is sold for $₹ 184.90$ after giving two successive discounts, each of $x \%$ on its marked price. What is the value of $x$ ?

Ans
$\times 1.13$
2. 12
3. 15
4. 14
Q. 23 The cost of a car is $150 \%$ more than that of a scooter. If the cost of the car decreases by $15 \%$ and that of the scooter increases by $20 \%$, then what is the percentage increase decrease in the total cost of 4 cars and 5 scooters?
Ans

1. Decrease by $3 \frac{1}{3} \%$
2. Increase by $5 \%$
3. Increase by $3 \frac{2}{3} \%$
4. Decrease by $4 \%$
Q. 24 A car travels for 15 minutes at $30 \mathrm{~km} / \mathrm{h}$, for 30 minutes at $60 \mathrm{~km} / \mathrm{h}$, and for 1 hour at $66 \frac{2}{3} \mathrm{~km} / \mathrm{h}$. The average speed (in $\mathrm{km} / \mathrm{h}$ ) of the car is: (correct to one decimal place)
Ans
5. 59.5
6. 60.7

- 3.61 .8

4. 56.9
Q. 25 In an examination, the average score of a student was 77.6 . If he would have got 27 more marks in mathematics, 10 more marks in computer science, 13 more marks in history, and retained the same marks in the other subjects, then his average score would have been 82.6 . How many subjects were there in the examination?

Ans . 10
2. 12
3. 11
4. 9

Section: General awareness
Q. 1 The most unique characteristic of animals of the Mammalia class is the presence of:

Ans
$X$ 1. a three chambered heart
X 2. a single type of teeth in the jaw
3. mammary glands

X 4. a pair of limbs, adapted for walking, running, climbing, burrowing, swimming or flying
Q. 2 Which of the following monuments in India is NOT inscribed on the World Heritage List of UNESCO?

Ans
<1. Sun Temple, Konark
2. The Jantar Mantar, New Delhi

X 3. Kakatiya Rudreshwara (Ramappa) Temple, Telangana
X 4. The Jantar Mantar, Jaipur
Q. 3 When do we celebrate International Day to End Impunity for Crimes against Journalists?
Ans
X1.2 January
2. 2 November

X 3. 2 December
4. 2 October
Q. 4 Mando Festival is celebrated in which of the following states?

Ans $\times 1$. Karnataka

- 2. Goa

X 3. Gujarat
X 4. Maharashtra

Question ID : 65497841589
Status : Not Answered
Chosen Option: --
Q. 5 Constitutional Provisions in case of failure of constitutional machinery in States of the Union of India is written in which Article of the Indian Constitution?
Ans
$\times 1.358$
2. 356
$\times 3.354$
4. 352
Q. 6 Which of the following acts was passed in 1919, which authorised the British government to arrest and imprison any person without trial in a court of law?
Ans

1. Defence of India Act
2. Rowlatt Act

X 3. Indian Councils Act
X 4. Prevention of Seditious Meetings Act
Q. 7 Asia's largest rail-cum-road bridge linking Kovvur and Rajahmundry is on which of the following rivers?
Ans
X 1. Krishna
2. Godavari
3. Kaveri
4. Narmada
Q. 8 The 2028 Summer Olympic Games is going to be held in $\qquad$ .
Ans
X1. Beijing
X 2. Paris
X 3. London
-
4. Los Angeles
Q. 9 During the Mughal reign, panchayats were headed by a headman known as $\qquad$ -.

Ans
$\checkmark$

1. Muqaddam
2. Pradhan

X 3. Patwari
4. Mansabdar
Q. 10 Atal Pension Yojana (APY) of the Government of India is open to all saving bank/post office saving bank account holders in the age group of:
Ans
<1. 15 to 55 years
X 2. 21 to 60 years

- 3.18 to 40 years

X 4.18 to 55 years
Q. 11 Which of the following is a national campaign to ensure that every school in India has a set of functioning and well-maintained water, sanitation and hygiene facilities?
Ans
X 1. Swachh Bharat: Swachh Vidyarthi
X 2. Happy School : Happy Students
X 3. Swachh Banega School: Swachh Banega Bharat
4. Swachh Bharat : Swachh Vidyalaya
Q. 12 Padma Vibhushan awardee Pt Birju Maharaj who died on 17th January 2022 was associated with which of the following dance forms?

Ans
X1. Kuchipudi
2. Kathak

X 3. Kathakali
X 4. Bharatanatyam
Q. 13 Which of the following crops can be grown primarily in low rainfall areas of Western India?
Ans
X1. Rubber
$\times 2$. Tea
3. Millet

X 4. Coffee
Q. 14 As per India Census 2011 figures, after Hindus and Muslims which is the third largest religious group in India?
Ans

1. Christians
2. Sikhs

X 3. Jains
X 4. Buddhists
Q. 15 In ancient India, the Jatakas were written in which of the following languages, around the middle of the first millennium CE?

Ans

1. Pali
2. Sanskrit
3. Aramaic
4. Kharosthi
Q. 16 The Contempt of Courts Act was passed in

Ans
X1. 1972
2. 1971
$\times 3.1973$
$\times 4.1970$
Q. 17 Late Lata Mangeshkar recorded her first song at age 13 for which Marathi film?

Ans
X1. Kay Ga Sakhu
X 2. Sadhi Manas
X 3. Ram Ram Pavhana
4. Kiti Hasaal
Q. 18 Who is the author of the book 'Seven Summers'?

Ans
X 1. RK Narayan
X 2. Arun Shourie
3. Mulk Raj Anand

X4. Nirad C Chaudhuri
Q. 19 What is the full form of LED, which are among the most widely used of all the different types of semiconductor diodes available today and are commonly used in TV and colour displays?
Ans

1. Light Emitting Diode

X 2. Light Emanating Diode
X 3. Light Energy Diode
4. Light Emersion Diode
Q. 20 In January 2022, who become United Nations Development Programme (UNDP) India's First Youth Climate Champion, who will be entrusted with the responsibility of interacting with young minds to create awareness on the adverse impacts of climate change, global warming and biodiversity loss?
Ans
(1. Kriti Tula
2. Prajakta Koli
3. Garvita Gulhati
4. Sneha Shahi
Q. 21 After the death of Tipu Sultan in 1799 in the Battle of Seringapatam and the fall of Mysore, the state was placed under which of the following dynasties?

Ans
X1. Pusapati
2. Wodeyars
3. Chera
4. Nizam
Q. 22 Liberation Tigers of Tamil Eelam (LTTE), which was a guerrilla organisation that sought to establish an independent Tamil state, Eelam, in northern and eastern Sri Lanka was founded by $\qquad$ -.

Ans

1. A Neminathan
2. Velupillai Prabhakaran
3. Douglas Devananda
4. S Ravishankar
Q. 23 One of the most infectious human ailments, the common cold is caused by which of the following group of viruses?
Ans
5. Rhinovirus
6. Cytomegalovirus

I
3. Parvovirus
$\times 4$. Rotavirus
Q. 24 Which of the following national parks is NOT located in Madhya Pradesh?

Ans

1. Manas National Park

X 2. Bandhavgarh National Park
1
3. Kanha National Park

X 4. Mandla Plant Fossils National Park

## Q. 25 Article 1 of the Constitution of India is related to which of the following?

Ans

```
1. Citizenship
2. Name and territory of the Union
```

3. Formation of new States and alteration of areas, boundaries or names of existing \$tates
4. Preamble

| Roll Number |  |
| :--- | :--- |
| Candidate Name |  |
| Venue Name |  |
| Exam Date | $16 / 03 / 2022$ |
| Exam Time | 12：00 PM $-1: 00$ PM |
| Subject | Selection Post Matriculation Level |

## Section：General Intelligence

Q． 1 Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number．

14 ： 197 ：： 18 ：？：： 16 ： 257
Ans
$\times 1.126$
X 2.526
＊ 3.325
＜ 4.217

Question ID： 65497841633

Q． 2
Select the correct mirror image of the given combination when the mirror is placed at＇ PQ ＇as shown．
45 w Evb ${ }^{\text {p }}$
Ans
1．9＾ヨWC甲
dvョm官
dvヨw己
${ }^{4}$ dvヨw $\boldsymbol{C}$ P

Q． 3 ＇$A+B$＇means＇$A$ is the brother of $B$＇；
＇$A=B$＇means＇$A$ is the daughter of $B$＇；
＇$A$＠$B$＇means＇$A$ is the wife of $B$＇．
If＇ $\mathbf{U}+\mathrm{Y}=\mathrm{T} @ \mathrm{G}$＇，then which of the following statements is correct？
Ans
1．$G$ is the father of $U$ ．
2． T is the sister of U ．
$X$ 3．$G$ is the paternal uncle of $Y$ ．
4．$T$ is the maternal aunt of $U$ ．
Q. 4 In a certain code language, 'my wish' is written as 'rt bt', 'my fault' is written as ' mt rt', and 'his fault' is written as ' mt kt '. How will 'his wish' be written in that language?
Ans
X1. kt rt
2. kt bt

X 3.kt mt
4. rt mt
Q. 5 In a certain code language, 'USE' is coded as ' 135 ', and ' $B Y$ ' is coded as ' 54 '. How will 'PART' be coded in that language?
Ans
$\times 1.240$

- 2.220
3.200

4. 210
Q. 6 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.
5. Derive
6. Dexterity
7. Deceit
8. Decode
9. Decision

Ans
X 1.3,5, 4, 2, 1
X 2. 3, 4, 5, 1, 2
X $3.5,3,4,1,2$
4. 3, 5, 4, 1, 2
Q. 7 In a certain code language, 'MUSICIAN' is written as 'NTTHDHBM'. How will 'FRUSTATE' be written in that language?
Ans
X 1. RFSUATET
X 2. EQTRSZSD
2. GQVRUZUD

X 4. GSVTUBUF
Q. 8 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

< 2.

$\times 3$.

$\checkmark 4$

Q. 9 In a certain code language, 'her name is Smita' is written as 'Ps Bs Ns Rs', 'my name is Ravi' is written as 'Gs Bs Ns Ts', and 'Myself Smita' is written as 'Ds Rs'. How will 'her' be written in that language?
Ans

1. Ps

X 2. Ns
X 3.R
4. Bs
Q. 10 Select the option that is related to the third term in the same way as the second term is related to the first term.

LODGE : KNCFD :: NEPTUNE:?
Ans

1. MDOSTMD
2. MFORTMD
3. MDQSVMD
4. ODOSTOD
Q. 11 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

## Statements:

Some officers are clerks.
All clerks are workers.

## Conclusions:

I. Some workers are officers.
II. No worker is an officer.

Ans
X1. Both conclusions I and II follow
2. Only conclusion I follows

X 3. Either conclusion I or II follows
4. Only conclusion II follows
Q. 12 ' $A$ + $B$ ' means ' $A$ is the husband of $B$ ';
' $A=B$ ' means ' $A$ is the daughter of $B$ '.
If ' $\mathrm{H}+\mathrm{E}=\mathrm{M}+\mathrm{R}$ ', then how is R related to H ?
Ans
X1. Father
X 2. Daughter-in-law
X 3. Mother
4. Mother-in-law
Q. 13 Select the correct option that indicates the arrangement of the following words in a logical and meaningful order.

1. Wrist
2. Nose
3.Forehead
3. Knee
4. Shoulder

Ans
X1.4,1,2,5,3
X 2. 3, 1, 5, 2, 4
3. $4,1,5,2,3$

X4.4,2,5,1,3
Q. 14 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

$\times 2$.

$\times 3$.

$\times 4$

Q. 15 Six persons $P, Q, R, S, T$ and $U$ are sitting in a straight line, all facing in the same direction. $Q$ is to the immediate left of $P$. $R$ is second from the right end. $Q$ is third to the left of R. T is third to the left of S. What is U's position in the line?

Ans
$X 1$. Between $Q$ and $S$
2. To the immediate right of $R$
$\times 3$. To the immediate right of $P$
$\times 4$. To the immediate left of $S$
Q. 16 Select the number from among the given options that can replace the question mark (?) in the following series.
$30,38,65,129,254, ?$
Ans
$\times 1.440$
$\times 2.450$
$\times 3.420$
4.470
Q. 17 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
All chargers are phones.
No phone is a watch.

## Conclusions:

I. All phones are chargers.
II. No charger is a watch.
III. No watch is a phone.

Ans

1. Only conclusions I and III follow
2. Only conclusion III follows
3. Only conclusions II and III follow
4. Only conclusions I and II follow
Q. 18 Select the number from among the given options that can replace the question mark (?) in the following series.
$55,59,68,84,109, ?$
Ans
$\times 1.175$
$\times 2.130$

- 3.145

4. 160
Q. 19 Which two numbers (not digits) should be interchanged to make the given equation correct?
$70+30 \times 16-60 \div 6=164$
Ans
5. 30 and 6
6. 70 and 30
7. 30 and 60
8. 16 and 60
Q. 20 In a certain code language, 'CAR' is coded as ' 66 ', and ' $P L O Y$ ' is coded as ' 272 '. How will 'CLASS' be coded in that language?
Ans
9. 270
10. 280
11. 250
4.260
Q. 21 Select the option that is related to the third word in the same way as the second word is related to the first word.

Obsolete : Modern : : Arrogant : ?
Ans

1. Modest

X 2. Miser
X 3. Eager
X 4. Sceptical
Q. 22 In a certain code language, 'GOLF' is coded as '40', and 'DOSE' is coded as '43'. How will 'FISH' be coded in that language?
Ans
X 1.38
$\times 2.48$

- 3.42
$\times 4.57$
Q. 23 Select the option that is related to the third term in the same way as the second term is related to the first term.

CURSOR : TQUTWE :: MOSTLY : ?
Ans
X1. OMTSYL
X 2. OQUVNB

- 3. ANVUQO

X 4. UPNRKW
Q. 24 Preeti, Umang, Shrina, Palak and Amrita are sitting in a straight line, all facing the north. Palak is sitting at the left corner. Umang is third to the right of Shrina. Preeti is to the immediate left of Amrita. Who is sitting to the immediate left of Umang?

Ans
X1. Palak
$\times 2$. Preeti
-
3. Amrita
4. Shrina
Q. 25 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
$H Y_{-} R_{-} H Y_{-} R B_{-} Y U_{-} B H_{-} U_{-} B$
Ans
X1. UBUHRYU
X2.UBUHRYB
X 3. UBURRYR

- 4. UBUHRYR


## Section : English Language

Q. 1 Select the INCORRECTLY spelt word.

Ans
X1. Foreign
X 2. Client
2. Servival
4. Curious
Q. 2 Select the most appropriate meaning of the given idiom.

## A house of cards

Ans

1. An insecure situation
2. A lavish lifestyle

X 3. A gambling casino
X 4. A dishonest livelihood
Q. 3 Select the most appropriate synonym of the given word.

## Conceit

Ans

1. Vanity
2. Humility

X 3. Modesty
X 4. Gravity
Q. 4 Select the most appropriate synonym of the given word.

## Gloomy

Ans

1. Dull
2. Bright
3. Hopeful

X 4. Lively
Q. 5 Select the most appropriate word for the given group of words.
the sound made by a hen
Ans
$X$ 1. quack
2. cluck
$X$ 3. squeak
X 4. Squawk
Q. 6 Select the most appropriate antonym of the given word.

INDUSTRIOUS
Ans
X1. hardworking
X 2. energetic
X 3. enthusiastic
2. inactive
Q. 7 Select the correctly spelt word.

Ans
$\times 1$. enterpreneur
2. entrepreneur

X 3. entreperneur
X 4. entreprenuer
Q. 8 Select the most appropriate antonym of the given word.

## TIMID

Ans
<1. humble
2. fearful
3. shy
4. bold

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

It is their problem. Let $\qquad$ solve it themselves.
Ans
$X 1$. her
<2. it
3. us
4. them
Q. 10 Select the most appropriate option to fill in the blank.

This story has been taken $\qquad$ the Arabian Nights.
Ans

1. from
2. of

X 3 by
$\times 4$. with
Q. 11 Select the option that expresses the given sentence in passive voice.

The farmers harvested the crops.
Ans
$X 1$. The crops were being harvested by the farmers.
$X 2$. The crops have been harvested by the farmers.
$X 3$. The crops are harvested by the farmers.
4. The crops were harvested by the farmers.
Q. 12 Select the most appropriate meaning of the given idiom.

Take pains
Ans
X 1. Make a noise
X 2. Remain true
3. Try hard
$\times 4$. Follow others

## Q. 13 Select the most appropriate indirect form of the given sentence.

## Avika said, "I am preparing for my Science test."

Ans

1. Avika said that she was preparing for her Science test.
2. Avika said that she is preparing for her Science test.
3. Avika said that I was preparing for my Science test.
4. Avika said that I am preparing for my Science test.
Q. 14 Select the most appropriate word for the given group of words.
pictures given in a book to explain things
Ans
5. demonstration

X 2. ornamentation
X 3. decoration
-
4. illustration
Q. 15 Select the INCORRECTLY spelt word.

Ans
$\times 1$.

1. Fortunate
2. Forword

X 3. Fortify
4. Fossil

## Comprehension:

Read the following passage and answer the questions given after it.
India was one of the first places where human civilization started. Around 5000 years BC this civilization was located around the Indus River. Hence, it is known as Indus Valley civization. It is also known as Harappan Civilization because records show one of the city's names was Harappa. It was 1 of 1500 cities in the Indus River Valley, another well-known city being Mohenjo-Daro. It wasn't until 1920 that the civilization was discovered at all.
There were four known major cities, Harappa, Mohenjo-Daro, Mehrgarh, and Lothal.
Mohenjo-daro was not only the largest city of the Indus Valley Civilization but also one of the world's earliest major urban centers. Much of the cities were made from clay bricks baked in a furnace known as a kiln. The cities were advanced for their time, having their own wells and water drainage systems as well as having grid-style roads in the cities. They were also noted for clusters of large, nonresidential buildings. But most people did not live in the urban areas and instead lived in the local farming villages.
Though little is known about the Indus Valley people, we do know a little about their farming habits. They had domesticated peas, wheat, melons, dates, sesame seeds, as well as cotton. They had advanced knowledge of the process of drying wheat, and a large granary was discovered, a building whose sole purpose is to hold and dry large amounts of wheat. They also created some large structures, one of the largest being a public pool known as the Great Bath that was 40 feet long, 10 feet deep, and 20 feet wide.

SubQuestion No: 16
Q. 16 Which of the following statements shows that the cities of Indus Valley were well planned?
Ans $\quad \times 1$. The structures were made of baked bricks.
2. The cities had grid-style roads and water drainage system.

X 3. There were clusters of large nonresidential buildings.
X 4. There were wells for water in the cities.

## Comprehension:

Read the following passage and answer the questions given after it.
India was one of the first places where human civilization started. Around 5000 years BC this civilization was located around the Indus River. Hence, it is known as Indus Valley civization. It is also known as Harappan Civilization because records show one of the city's names was Harappa. It was 1 of 1500 cities in the Indus River Valley, another well-known city being Mohenjo-Daro. It wasn't until 1920 that the civilization was discovered at all. There were four known major cities, Harappa, Mohenjo-Daro, Mehrgarh, and Lothal. Mohenjo-daro was not only the largest city of the Indus Valley Civilization but also one of the world's earliest major urban centers. Much of the cities were made from clay bricks baked in a furnace known as a kiln. The cities were advanced for their time, having their own wells and water drainage systems as well as having grid-style roads in the cities. They were also noted for clusters of large, nonresidential buildings. But most people did not live in the urban areas and instead lived in the local farming villages.
Though little is known about the Indus Valley people, we do know a little about their farming habits. They had domesticated peas, wheat, melons, dates, sesame seeds, as well as cotton. They had advanced knowledge of the process of drying wheat, and a large granary was discovered, a building whose sole purpose is to hold and dry large amounts of wheat. They also created some large structures, one of the largest being a public pool known as the Great Bath that was 40 feet long, 10 feet deep, and 20 feet wide.

SubQuestion No : 17
Q. 17 Which was the largest city of the Indus Valley civilization?

Ans
$\times 1$. Lothal
X 2. Harappa
X 3. Mehrgarh
v 4. Mohenjo-Daro

## Comprehension:

Read the following passage and answer the questions given after it.
India was one of the first places where human civilization started. Around 5000 years BC this civilization was located around the Indus River. Hence, it is known as Indus Valley civization. It is also known as Harappan Civilization because records show one of the city's names was Harappa. It was 1 of 1500 cities in the Indus River Valley, another well-known city being Mohenjo-Daro. It wasn't until 1920 that the civilization was discovered at all.
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SubQuestion No: 18
Q. 18 The passage belongs to the subject area of

Ans $\times 1$.geography
2. history

X 3. civics
X4. architecture

## Comprehension:

Read the following passage and answer the questions given after it.
India was one of the first places where human civilization started. Around 5000 years BC this civilization was located around the Indus River. Hence, it is known as Indus Valley civization. It is also known as Harappan Civilization because records show one of the city's names was Harappa. It was 1 of 1500 cities in the Indus River Valley, another well-known city being Mohenjo-Daro. It wasn't until 1920 that the civilization was discovered at all.
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SubQuestion No: 19
Q. 19 Which discovery indicated that people of Indus valley stored large amount of grain?

X 1. the Great Bath
X 2. brick houses

- 3. the granary

X 4. clusters of non residential buildings

## Comprehension:

Read the following passage and answer the questions given after it.
India was one of the first places where human civilization started. Around 5000 years BC this civilization was located around the Indus River. Hence, it is known as Indus Valley civization. It is also known as Harappan Civilization because records show one of the city's names was Harappa. It was 1 of 1500 cities in the Indus River Valley, another well-known city being Mohenjo-Daro. It wasn't until 1920 that the civilization was discovered at all.
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SubQuestion No: 20
Q. 20 Which of the following crops were NOT grown by people of Indus Valley?

Ans
$X$ 1. cotton
$\times 2$ peas
$X$ 3. wheat
4. sugarcane

## 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.

After the Hunga Tonga-Hunga Ha'apai volcano erupted on 15 January, a devastating tsunami (1)___ Tonga, a Pacific island. Communications were (2)__ because there was only one undersea cable (3)_connected Tonga to the outside world. Meanwhile, several countries (4) $\qquad$ ships and flights to the country. Hundreds of volunteers spent days (5)
$\qquad$ away ash by hand at the airport's runway so that the emergency planes could land.

SubQuestion No: 21
Q. 21 Select the most appropriate option to fill in blank no.1.

Ans

- 1. hit

X 2. was hitting
X 3. hitting
$\times 4$. is hitting

## 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.

After the Hunga Tonga-Hunga Ha'apai volcano erupted on 15 January, a devastating tsunami (1) Tonga, a Pacific island. Communications were (2) $\qquad$ because there was only one undersea cable (3) $\qquad$ connected Tonga to the outside world. Meanwhile, several countries (4)___ ships and flights to the country. Hundreds of volunteers spent days (5)
$\qquad$ away ash by hand at the airport's runway so that the emergency planes could land.

SubQuestion No: 22
Q. 22 Select the most appropriate option to fill in blank no. 2.

Ans
$\times 1$ injured
2. damaged

X 3. polluted
X 4. hurt

## 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.

After the Hunga Tonga-Hunga Ha'apai volcano erupted on 15 January, a devastating tsunami (1) $\qquad$ Tonga, a Pacific island. Communications were (2) $\qquad$ because there was only one undersea cable (3) $\qquad$ connected Tonga to the outside world. Meanwhile, several countries (4)__ ships and flights to the country. Hundreds of volunteers spent days (5) _____ away ash by hand at the airport's runway so that the emergency planes could land.

SubQuestion No: 23
Q. 23 Select the most appropriate option to fill in blank no. 3.

Ans
X1. who
2. that
$X$ 3. this
X 4. what

## 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.

After the Hunga Tonga-Hunga Ha'apai volcano erupted on 15 January, a devastating tsunami
(1) $\qquad$ Tonga, a Pacific island. Communications were (2) $\qquad$ because there was only one undersea cable (3) connected Tonga to the outside world. Meanwhile, severa countries (4) $\qquad$ ships and flights to the country. Hundreds of volunteers spent days (5)
____ away ash by hand at the airport's runway so that the emergency planes could land.
SubQuestion No: 24
Q. 24 Select the most appropriate option to fill in blank no. 4.

Ans

- 1. sent

X 2. drove
X 3.dropped
$\times 4$.flew

## 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.

After the Hunga Tonga-Hunga Ha'apai volcano erupted on 15 January, a devastating tsunami (1) Tonga, a Pacific island. Communications were (2) $\qquad$ because there was only one undersea cable (3) $\qquad$ connected Tonga to the outside world. Meanwhile, several countries (4) $\qquad$ ships and flights to the country. Hundreds of volunteers spent days (5) away ash by hand at the airport's runway so that the emergency planes could land.
SubQuestion No: 25
Q. 25 Select the most appropriate option to fill in blank no. 5

Ans
$X$ 1. cleared
$X$ 2. clear
$X$ 3. clears
4. clearing

Section : Quantitative Aptitude
Q. 1 The compound interest on a sum of $₹ 18,400$ at $10 \%$ p.a. for a certain period of time, is $₹ 3,864$, interest compounded yearly. What is the simple interest (in ₹) on double the sum, at the same rate for double the time?
Ans

1. 7,360
2. 11,820
3. 14,720
4. 10,785
Q. 2 The amount of a certain sum in $2 \frac{3}{4}$ years at $8.4 \%$ p.a. simple interest is $₹ 2,325$ more than the simple interest on the same sum for $7 \frac{1}{2}$ years at $16 \%$ p.a. What is the sum (in ₹)?

Ans

1. 78,000
2. 75,000
3. 70,000
4. 80,000
Q. 3 Some toffees are bought at the rate of 11 for ₹ 10 , and another batch of the same number of toffees, at the rate of 5 for $₹ 6$. If the whole lot is sold at $₹ 2$ /toffee, then the gain/loss percentage, correct to one decimal place, on the whole transaction is:
Ans
5. $85.5 \%$ gain
6. $85.5 \%$ loss
7. $89.7 \%$ gain
8. $95.2 \%$ loss
Q. 4 A man has to cover a distance of 108 km 9 hours. If he covers $\frac{2}{3}$ of the distance in $\frac{5}{9}$ time, what should be his speed (in $\mathrm{km} / \mathrm{b})$ to cover the remaining distance in the time left?
Ans
9. 9

X2. 10
$\times 3.8$
$\times 4.12$
Q. 5 If the 9-digit number $9843 x 678 y$ is divisible by 72, then what is the value of $\left(x^{2}+y^{2}+x y\right)$ ?

Ans
X1. 29
$\times 2.43$
$\times 3.41$

- 4. 61
Q. 6 If $x-y=4$ and $x^{3}-y^{3}=316, y>0$, then the value of $x^{2}-y^{2}$ is:

Ans
$\times 1.24$
$\times 2.32$
X 3. 48
$\checkmark 40$
Q. 7 Akhilesh borrowed $₹ 50,000$ at a certain rate on simple interest and lent the same sum to Rakesh on compound interest, compounded annually at the same rate of interest. At the end of 2 years, Rakesh cleared his loan and then Akhilesh also cleared his loan. In the process, Akhilesh earned ₹ 180 . What was the rate of interest charged per anmum?
Ans

1. $8 \%$
2. $6 \%$

X з. $7.5 \%$
X4. $5 \%$
Q. 8 When $\left(2^{18}-1\right)$ is divided by 9 , the remainder is:

Ans
$\times 1.2$
2. 0
3. 8
-4.1
Q. 9 When $x$ is added to each of $7,11,16,21$, then the numbers so obtained in this order are in proportion. What is the value of $x$ ?
Ans

1. 29
2. 21
$\times 3.24$
$\times 4.31$
Q. 10 A person reaches his destination 32 minutes late if his speed is $6 \mathrm{~km} / \mathrm{h}$, and reaches 18 minutes before time if his speed is $7 \mathrm{~km} / \mathrm{h}$. Find twice the distance (in km ) of his destination from his starting point.
Ans
X1. 55
3. 70
$\times 3.60$
$\times 4.65$
Q. 11 A library has an average of 219 visitors on Saturdays and an average of 281 on other weekdays. The average number of visitors per day in a month of 31 days, beginning with a Friday, is:
Ans
4. 277
5. 273
6. 271
7. 269
Q. 12 ' $A$ ' can complete a work in 20 days and ' $B$ ' can do $\frac{2}{5}$ of the same work in 16 days. They work together for 10 days. The remaining work was completed by ' C ' alone in 12 days. ' C ' alone will complete the same work in:
Ans 1. 48 days
8. 36 days
9. 24 days
10. 40 days
Q. 13 After giving three successive discounts of $15 \%, 5 \%$ and $p \%$, respectively, on the marked price of an article of $₹ 4,800$, it is sold for $₹ 3,100.80$. What is the value of $p$ ?

Ans

1. 25
2. 18
3. 20
$\times 4.15$
Q. 14 When an article is sold for ₹ 991.20 , there is a profit of $12 \%$. To gain $15 \%$, it should be sold (in ₹) for:

Ans
$\times 1.1107 .75$
$\times 2.1170 .75$
3. 1017.75
4. 1701.75
Q. 15 At what price (in ₹) should a shopkeeper mark an article which costs him $₹ 2,400$ so as to gain $16 \%$ after allowing a discount of $20 \%$ ?
Ans

1. 3,525
2. 3,480
3. 3,275
4. 3,390
Q. 16 The income of Sunita is $₹ 48,000$. She saves $15 \%$ of her income. If her expenditure increases by $20 \%$ and her income increases by $15 \%$, then what is the increase/decrease in her savings?
Ans

- 1. Decrease by ₹ 960

2. Increase by $₹ 860$
3. Increase by $₹ 1,000$
4. Decrease by $₹ 1,060$
Q. 17 If $a+b+c=8$ and $a b+b c+c a=11$, then what is the value of $\left(\frac{a^{2}+b^{2}+c^{2}-3 a b c}{4}\right)$ ?

Ans
$\times 1.56$
$\times 2.60$
จ3. 62
X4. 65
Q. 18 A, B and C are three numbers, A is $45 \%$ more than C, and B is $20 \%$ less than the sum of A and C. Approximately by what percentage is $A$ less than $B$ ?

Ans

1. $25 \%$
2. $26 \%$

X 3. $35.2 \%$
X 4. $25.4 \%$
Q. 19 A and B obtained 488 marks and 376 marks, respectively, in the same test. If A obtained $61 \%$ marks, then the percentage of marks obtained by $B$ is:
Ans

1. $48 \%$
2. $49 \%$
3. $51 \%$
4. $47 \%$
Q. 20 If the cost of $x$ chairs is equal to the selling price of 16 chairs and the profit percentage is $12.5 \%$, then what is the value of $x$ ?
Ans
X1. 20
$\times 2.24$
$\times 3.22$
-4. 18
Q. 21 A park is in a shape of a rectangle with length 180 m and breadth 120 m . At the centre of the park, there is a circular lawn of circumference 502.4 m . The area of the park, excluding the area of lawn, in $\mathrm{m}^{2}$, is:
(Take $\pi=3.14$ )
Ans
$\times 1.1540$
$\times 2.1405$

- 3. 1504

X4. 1450
Q. 22 The average weight of a certain number of children in a group was 37 kg . If 12 children of average weight $38,5 \mathrm{~kg}$ joined the group, then the average weight of all the children increased by 0.45 kg . The number of children, initially, in the group was:
Ans
X1. 23
2. 28
$\times 3.18$
$\times 4.13$
Q. 2318 men can complete a certain work in 15 days working 8 hours a day. How many men can complete the same work in 12 days working 9 hours a day?

Ans

1. 15
$\times 2.18$
-3. 20
$\times 4.25$
Q. 24 The ratio of the incomes of $A$ and $B$ are 3:7. If the income of $A$ is increased by $₹ 4,500$ and the income of $B$ is decreased by $₹ 6,750$, then the ratio of their incomes become $6: 11$. What is the sum of their present incomes (in $₹$ )?

Ans

1. $2,04,000$
2. $1,70,000$
3. $1,53,000$
4. $1,87,000$
Q. 25 The average of $x$ occurring 5 times and $y$ occurring 7 times is 37 . Also, the average of $x$ occurring 7 times and $y$
occurring 5 times is 35 . The value of $\frac{x}{6}$ is:
Ans
5. 8
6. 5

X3. 4
4. 6

Section : General awareness
Q. 1 Who among the following players won the Australian Open tennis tournament in January 2022?
Ans
X1. Daniil Medvedev
2. Rafael Nadal

X 3. Casper Ruud
X 4. Alexander Zverev
Q. 2 The Harshacharita, a biography of Harshavardhana, the ruler of Kannauj is composed in which language by his court poet, Banabhatta?

Ans
$\times 1$. Aramaic
2. Sanskrit

X 3. Pali
X 4. Kharosthi
Q. 3 िदल ने स नत के उस विभाग का ा नाम था, निसकी 5 थापना साeा के सै संगठन की देखभालके ⿵िलए की गई थी?

Ans
$\times 1$. दीवान-ए-इंशा
2. दीवान-ए-रसालत
$X$ 3. दीवान-ए-अदालत
$\checkmark$
4. दीव०न-ए-अज
Q. 4 The decades $\qquad$ are referred to as the period of population explosion in India.
Ans
X 1. from 1981 to 2001
X 2. from 1921 to 1951
X 3. from 1901 to 1921
4. from 1951 to 1981
Q. 5 The construction of the Victoria Memorial Hall at Kolkata as a memorial to the deceased Queen Victoria was envisaged by which of the following Viceroys of British India?

Ans
X 1 . Lord Canning
2. Lord Minto II
3. Lord Curzon
4. Lord Elgin II
Q. 6 The book 'MSD: The Man, The Leader' on cricketer Mahendra Singh Dhoni is written by:
Ans $\times 1$. Bharat Sundaresan
2. Biswadeep Ghosh

X 3. Indanil Rai
X 4. C Rajshekhar Rao
Q. 7 Who was the Governor General of Bengal when the Permanent Settlement was introduced there in 1793?
Ans
X1. Robert Clive
X 2. John Cartiers
X 3. Warren Hastings

- 4. Charles Cornwallis
Q. 8 Which of the following awards did Sundar Pichai, Chief Executive Officer of Alphabet and Google, receive in January 2022?
Ans
X1. Padma Vibhushan
X 2. Padma Shri
X 3. Bharat Ratna
- 4. Padma Bhushan
Q. 9 With which of the following classical dance forms was Vempati Chinna Satyam associated?
Ans
X1. Manipuri

2. Kathak

- 3. Kuchipudi

X 4. Bharatanatyam
Q. 10 States of the Union of India were reorganised in a major way in 1956 after the enactment of which of the following Constitution Amendment Acts?

Ans
X1. Fifth
2. Sixth

X 3. Eighth

- 4. Seventh
Q. 11 Which of the following terms refers to the amount of dissolved salts that are present in water?
Ans
- 1. Salinity

X 2. Caloricity
X 3. Crypticity
X 4. Viscosity
Q. 12 The Swachh Vidyalaya Puraskar has been instituted by the Ministry of Education, Government of India to recognise, inspire and celebrate excellence in sanitation and hygiene practice in schools. This award is categorised at three levels; which of the following is NOT one of these?
Ans

1. Block
2. State
3. District
4. National
Q. 13 The Technology of production of ultra-high magnetic fields is based on which of the following scientific principles?
Ans
5. Digital logic
6. Light amplification by stimulated emission of radiation
7. Photoelectric effect
8. Superconductivity
Q. 14 Who led a Salt March from Trichinopoly to Vedaranyam on Tanjore coast in Tamil Nadu in support of the Civil Disobedience Movement?
Ans
X 1. Koyapalli Kelappan
X 2. P Krishna Pillai
X 3. Mohandas Karamchand Gandhi
2 4. Chakravarti Rajagopalachari
Q. 15 Which of the following festival falls on the first day of the Malayali month of Medam, which occurs on either April 14 or 15 on the Gregorian calendar?
Ans
X1. Gochi
X 2. Nukahai
9. Vishu

X 4. Gudi Padva
Q. 16 The News Broadcasters Association (NBA), a private association of different current affairs and news television broadcasters in India, has decided to change its name to:
Ans
X1. News Broadcasters Corporation Limited (NBCL)
X 2. Digital News Broadcasters Association (DNBA)
3. News Broadcasters \& Digital Association (NBDA)

X 4. News Broadcasters Corporation (NBC)
Q. 17 How many Indian states share land border with Pakistan?

Ans
X1. Seven
X 2. Six
X 3. Five
4. Four
Q. 18 Saline and alkaline soils are locally known as Thur, Reh, Kallar and $\qquad$ soils.
Ans
X1. Regur
X 2 . Bhangar
X 3. Khadar

- 4. Usar
Q. 19 Typhoid fever could be confirmed by which of the following tests?

Ans
X1. Smear Examination
X 2. Vivax Test

- 3. Widal Test

X 4. C Reactive Protein (CRP) Test
Q. 20 Which of the following is an example of the phylum Mollusca?

Ans

1. Octopus
2. Scorpion
3. Locust

X4. Prawn
Q. 21 Which of the following is an initiative of the Ministry of Education (MoE) under Rashtriya Madhyamik Shiksha Abhiyan, to promote arts in education by nurturing and showcasing the artistic talent of school students at the secondary stage in the country?

Ans

1. Art Mela
2. Kala and Skill Initiative
3. Art Promotion and Development
4. Kala Utsav
Q. 22 In which year did the Constitution (First Amendment) Act come into force in India?

Ans
X 1.1950
$\times 2.1954$

* 3.1951
$\times 4.1952$
Q. 23 The Indira Gandhi Prize for Peace, Disarmament and Development for 2021 was awarded to which civil society organisation for its pioneering work in improving the quality of education for underprivileged children in India and across the world?
Ans

1. Pratham
2. Udaan India Foundation

X 3. eVidyaloka
X 4. KC Mahindra Education Trust
Q. 24 Krishna river meets the sea in the Bay of Bengal in which of the following states?

Ans
X1. Odisha
X 2. Tamil Nadu
X 3. West Bengal

* 4. Andhra Pradesh


## Q. 25 Part I of the Constitution of India is related to which of the following?

Ans $\times 1$. Preamble
$\times 2$. Fundamental Rights
$\times$ 3. Citizenship
4. The Union and its Territory

