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| Exam Date | $03 / 08 / 2022$ |
| Exam Time | 11:45 AM - 12:45 PM |
| Subject | Selection Post Phase X Matriculation Level |

## Section : General Intelligence

Q.1Pointing to a girl in a photograph, Kapil said, "My wife's son is the father of that person." How is that person related to Kapil?
Ans $\times 1$. Sister
X 2. Daughter
X 3. Son's wife
4. Son's daughter
Q.2Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements
Statements:
All goods are services
No service is a duty.
Conclusions:
I. Atleast some goods are duties.
II. No good is a duty.

Ans
X 1. Neither conclusion I nor II
$X$ follows 2. Only conclusion I follows
3. Only conclusion II follows

X 4. Both conclusions I and II follow
Q.3In a code language, 'WAITER' is written as ‘@\#6£38', 'HOSTEL' is written as ' $2 \$ \% £ 3+$ ' and 'WASHED' is written as ‘@\#\%239'. How will 'DRAWS' be written in that language?
Ans
x. $\$ 6 \%$ @+

98\#@\%
хз. 98\%@£
x. \$6\#@\%
Q.4W

F hich letter-cluster will replace the question mark (?) to complete the given series?KSN, HMQL, JOOJ, ?, NSKF
Ans
X 1. MRNG
2. LQMH

X 3. MRNH
X4.LQNG
Q.5Study the given pattern carefully and select the number that can replace the question
mark (?) in it.
First row: 11, 12, 529
Second row: 13, 14, 729
Third row: 15, 16, ?
(NOTE : Operations should be performed on the whole numbers, without breaking
down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as
adding/deleting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3
and then performing mathematical operations on 1 and 3 is not allowed)
Ans
X 1.956
2. 961

X3. 934
$\times 4.945$
Q.6Select the correct option that indicates the arrangement of the following words in a
logical and meaningful order. (From top to Bottom)
1.Feet
2.Hand
3. Head
4.Belly
5.Shoulder

Ans
X 1.1, 3, 2, 4, 5
2. 3, 5, 2, 4, 1

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

A hree statements are given, followed by three conclusions numbered I, II and III.ssuming the statements to be true, even if they seem to be at va commonly known facts, decide which of the conclusions logically follow(s) from the
statements.
Statements:
S ome cats are plates.
All plates are tables.
Some tables are furniture.
Conclusions:
I. Some tables are plates.
II. Some plates are furniture.
III. Some cats are tables.

Ans
X 1. Only conclusion I and II follow
X 2. All of the conclusions follow
3. Only conclusion I and III follow

X 4. Only conclusion II and III follow
Q.8In a code language, 'BROAD' is coded as '40' and 'FLUSH' is coded as '66'.How will
'RICKET' be coded in that language?
Ans
X 1.76
X 2.61
จ3. 66
$\times 4.85$
Q.9Which letter-cluster will replace the question mark (?) to complete the given series?

EUGS, ?, HRJP, KOMM, OKQI
Ans

1. FTHR
$\times 2$. FSIQ
X 3.FUGS
X4.FHSQ
Q. 10 Th

A ree statements are given, followed by three conclusions numbered I, II and III.ssuming the statements to be true, even if they seem to be at vari commonly known facts, decide which of the conclusions logically follow(s) from the
statements.
Statements:
S ome bananas are pears.
Some pears are grapes.
All grapes are sour.
Conclusions:
I. All bananas are grapes.
II. Some pears are sour.
III. Some bananas are grapes.

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

X 3. Only conclusion III follows
X 4. None of the conclusions follows
Q. 11 Select the figure that will replace the question mark (?) in the following figure
series.


Ans

$\times 2$.

$\times 3$.

4.

Q.12Which letter-cluster will replace the question mark (?) to complete the given series? RFTL, ?, VNLH, XRHF, ZVDD
Ans
X 1. UKPJ
$X_{\text {2. TJOI }}$
2. TJPJ

X 4. UKOI

Q． 13 Select the correct mirror image of the given combination when the mirror is placed at＇ PQ ＇as shown．
RCQF2L ${ }^{\mathrm{P}}$
Ans
」S70つタ
$x_{2}$ 」SFOC



Q．14Which number will replace the question mark（？）in the following series？
8，16，48，？，960， 5760
Ans
－1． 192
2． 240
$\times 3.144$
X 4.336

Q．15Select the option that represents the correct order of the given words as they would appear in an English dictionary．
1．Geometric
2．Gender
3．Genuine
4．Generous
5．Gene
6．Generator
Ans
1． $2,5,6,4,3,1$
X 2，2，6，5，4，3， 1
X $3.1,2,5,6,4,3$ ，
X4．2，5，6，3，4， 1

Q．16＇A＠B＇means＇$A$ is the husband of $B^{\prime}$ ．
＇$A$ \＆$B$＇means＇$A$ is the mother of $B$＇．
＇A \＃B＇means＇A is the daughter of $\mathrm{B}^{\prime}$ ．
If P \＆T＠R \＃S＠W，then how is W related to T？
Ans
X 1．Grandmother
2．Mother－in－law
X 3．Mother＇s sister
X4．Mother＇s
father
Q.17Setthe optio
$r$ lec $n$ that is related to the fifth term in the same way as the second term iselated to the first term and the fourth term is related to the third term HEAVY : YVAEH :: METEOR : ROETEM :: HIGHNESS : ?

Ans
$X$ 1. SSNEHGIH
X 2. SSENHIGH
X 3. SSNEHIGH
4. SSENHGIH
Q.18Based on meaning/relevance of the words, Painting is related to Brushes in the same way as Calligraphy is related to $\qquad$ -.
Ans
$X$ 1. Music
X 2. Maps
3. Pens4. Canvas
Q.19Which letter-cluster will replace the question mark (?) to complete the given series?

PCXL, ?, TKPH, VOLF, XSHD
Ans
X 1. RHSJ
X 2. QGTK
X 3. QSTJ4. RGTJ
Q.20In a code language, 'SPORTY' is written as 'UQQSVZ' and 'PLANTS' is written as
'RMCOVT'.How will 'BURDEN' be written in that language?
Ans
X 1. DVTFGP
2. DVTEGO

X 3. DWTFGP
X 4. DWUEGO
Q.21In a code language, 'PLUCK' is coded as '72' and 'GRAZE' is coded as '78'.How will 'CHARTS' be coded in that language?
Ans
$\times 1.73$
2. 93
$\times 3.95$
$\times 4.85$
Q. 22 Wh
s ich two numbers (not the digits of the numbers), from amongst the given options, hould be interchanged to make the given equation correct? $13-36+18 \times 24 \div 6=97$

Ans
X 1.13 and 24
X2.18 and 6
2.36 and 24

X 4.18 and 36
Q.23In a certain code language, 'BLUE' is written as '160', and 'RED' is written as ' 81 '. How will 'PINK' be written in that language?

Ans

- 1. 200

X2. 204
$\times 3.196$
X4.208
Q.24In a certain code language, 'ANGER' is written as 'FRJGS', and 'APPLE' is written as 'FTSNF'. How will 'BRAIN' be written in that language?

Ans

1. GVDKO
2. GVCKO

X 3. GVDJO
X 4. GVDKP
Q.25In a code language, 'PERCH' is written as 'SBTAI' and 'BLANK' is written as
'EICLL'. How will 'GLUES' be written in that language?
Ans

1. JIWCT
$X$ 2. JHXCT
X 3. JHWBV
X 4. JIXBV
Q. 15 elect the most appropriate ANTONYM to replace the italicised word.

There was no point in trying to conceal the truth now.
Ans
$X$ 1. cover
$X$ 2. mask
$X$ 3. ensconce
4. reveal
Q.2Select the most appropriate synonym of the given word.

Meagre
Ans
$X$ 1. Satisfactory
$X$ 2. Enough
$X$ 3. Adequate
4. Scanty
Q.3Substitute one word for the italicised expression.

He did not make perfectly clear what was meant by a significant submission.
Ans
$X$ 1. obscure
$X$ 2. mystify
$X$ 3. conceal
4. elucidate
Q.4Select the option that can be used as a one-word substitute for the given group of words.
A herd of cattle or animals driven in a body.
Ans
$X$ 1. Herd
$X$ 2. Grove
3. Drove

X 4. Brood
Q.5S elect the most appropriate synonym of the given word.

Cordial
Ans $\quad X_{1}$. Antagonistic
X 2. Unfriendly
3. Amicable4. Hostile
Q.6Select the most appropriate ANTONYM of the given word.

LIBERTY
Ans

1. dependence
$X$ 2. independence
$X$ 3. free will
$\times$ 4. freedom
Q.7Select the most appropriate option that can substitute the underlined segment in the given sentence.
Can you hope to counting the stars?
Ans 1. you hope to count
$X$ 2. you hope to be counted
$X$ 3. you hope to counted
$X 4$. you hope to be count
Q.8Select the most appropriate option that can substitute the underlined segment in the given sentence.

Mahabaleshwar is cool than Panchgani.
Ans

1. is cooler than
$X$ 2. is coolest than
$\times 3$ is cold than
X 4. is cooler then
Q.9S elect the INCORRECTLY spelt word

Ans
X 1. Disappointment
2. Agrement

3 3. Acknowledgement
X4. Excitement
Q. 10 Select the INCORRECTLY spelt word.

Ans

1. Heirarchy
$X$ 2. Heiress
$\times$ 3. Ethereal 4.
X Notorious
Q. 11 Select the option that expresses the given sentence in active voice.

The competition was not being taken seriously by her.
Ans
X 1. She was not taken the competition seriously
Х 2. She did not take the competition seriously.
X 3. She has not been taking the competition seriously.
4. She was not taking the competition seriously.
Q.12Select the option that expresses the given sentence in reported speech.

Shanti said, "Let us come in."
Ans $\quad$ 1. Shanti said that if they are allowed to come in.
X 2. Shanti told that let them be allowed to come in.
3. Shanti requested that they might be allowed to come in.
4. Shanti requested me to let them come in.
Q.13Select the INCORRECTLY spelt word.

Ans

1. Reciept

X 2. Advantage
X 3. Horror
X 4. Attitude
Q. 14 S elect the most appropriate meaning of the given idiom.

Get your own way
Ans 1Xllow them to decide how to act, do not control or supervise them
Х 2. Accept the blame or responsibility alone, even though other people were
responsible
3. Aersuade other people to let you do what you want
4. $\mathbf{7}$ o everything they tell you to do, whenever they tell you to do it
Q.15Select the most appropriate meaning of the given idiom.

Bid fair
Ans
$X$ 1. Said or done correctly
2. To seem likely
3. To pay handsomely
4. To assume

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.

Once the war was over, Ashoka ventured out to (1) $\qquad$ the city and all he could see were burnt houses and scattered corpses. The lethal war with Kalinga transformed the vengeful Emperor Ashoka into a stable and peaceful emperor, and he became a
(2) $\qquad$ _of Buddhism. According to the prominent Indologist, AL Basham, the 'Dharma' officially propagated by Ashoka was not Buddhism at all. Nevertheless, his patronage led to the (3) $\qquad$ of Buddhism in the Mauryan empire and other kingdoms during his rule, and worldwide from about 250 BCE . After the Kalinga War and Ashoka's conversion, the Empire experienced nearly half a century of peace and security. Mauryan India also enjoyed an era of social harmony, religious (4) $\qquad$ and expansion of the sciences and of knowledge. Chandragupta Maurya's embrace of Jainism increased social and religious renewal and reform across his society, while Ashoka's embrace of Buddhism has been said to have been the (5) $\qquad$ of the reign of social and political peace and non-violence across all of India.

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

Ans
$X$ 1. rename
$X$ 2. divide3. control
4. roam

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.

O nce the war was over, Ashoka ventured out to (1) $\qquad$ the city and all he could see were burnt houses and scattered corpses. The lethal war with Kalinga transformed the vengeful Emperor Ashoka into a stable and peaceful emperor, and he became a
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SubQuestion No: 17
Q.17Select the most appropriate option to fill in blank number 2.

Ans
X 1. successor
2. patron
$X$ 3.founder
X 4. doubter

## 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.

Once the war was over, Ashoka ventured out to (1) $\qquad$ the city and all he could see were burnt houses and scattered corpses. The lethal war with Kalinga transformed the vengeful Emperor Ashoka into a stable and peaceful emperor, and he became a
(2) $\qquad$ of Buddhism. According to the prominent Indologist, AL Basham, the
'Dharma' officially propagated by Ashoka was not Buddhism at all. Nevertheless, his patronage led to the (3) $\qquad$ of Buddhism in the Mauryan empire and other kingdoms during his rule, and worldwide from about 250 BCE. After the Kalinga War and Ashoka's conversion, the Empire experienced nearly half a century of peace and security. Mauryan India also enjoyed an era of social harmony, religious (4) $\qquad$ and expansion of the sciences and of knowledge. Chandragupta Maurya's embrace of Jainism increased social and religious renewal and reform across his society, while Ashoka's embrace of Buddhism has been said to have been the (5) $\qquad$ of the reign of social and political peace and non-violence across all of India.

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

Ans $\quad$ 1.modification
X 2. condemnation
3. expansion

X 4. emancipation

## 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.

O nce the war was over, Ashoka ventured out to (1) $\qquad$ the city and all he could see were burnt houses and scattered corpses. The lethal war with Kalinga transformed the vengeful Emperor Ashoka into a stable and peaceful emperor, and he became a
(2) $\qquad$ of Buddhism. According to the prominent Indologist, AL Basham, the 'Dharma' officially propagated by Ashoka was not Buddhism at all. Nevertheless, his patronage led to the (3) $\qquad$ of Buddhism in the Mauryan empire and other kingdoms during his rule, and worldwide from about 250 BCE. After the Kalinga War and Ashoka's conversion, the Empire experienced nearly half a century of peace and security. Mauryan India also enjoyed an era of social harmony, religious (4) $\qquad$ and expansion of the sciences and of knowledge. Chandragupta Maurya's embrace of Jainism increased social and religious renewal and reform across his society, while Ashoka's embrace of Buddhism has been said to have been the (5) $\qquad$ of the reign of social and political peace and non-violence across all of India.

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

Ans

1. transformation
2. affiliation
3. comprehension
4. apprehension

## 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.

Once the war was over, Ashoka ventured out to (1) $\qquad$ the city and all he could see were burnt houses and scattered corpses. The lethal war with Kalinga transformed the vengeful Emperor Ashoka into a stable and peaceful emperor, and he became a
(2) $\qquad$ of Buddhism. According to the prominent Indologist, AL Basham, the 'Dharma' officially propagated by Ashoka was not Buddhism at all. Nevertheless, his patronage led to the (3) $\qquad$ of Buddhism in the Mauryan empire and other kingdoms during his rule, and worldwide from about 250 BCE. After the Kalinga War and Ashoka's conversion, the Empire experienced nearly half a century of peace and security. Mauryan India also enjoyed an era of social harmony, religious (4) $\qquad$ and expansion of the sciences and of knowledge. Chandragupta Maurya's embrace of Jainism increased social and religious renewal and reform across his society, while Ashoka's embrace of Buddhism has been said to have been the (5) $\qquad$ of the reign of social and political peace and non-violence across all of India.

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

Ans

- 1. foundation
$\times 2$

2. retention

X 3. accession 4.
drawback

Comprehension:
Read the given passage and answer the questions that follow.
Gutenberg Bible, also called 42-line Bible was the first complete book extant in the West and o ne of the earliest printed from movable type, so called after its printer, Johannes Gutenberg. Gutenbarg completed it in 1455 while working at Mainz, Germany. The three-volume work, in Latin text, was printed in 42-line columns and, in its later stages of production, was worked on by six compositors simultaneously. It is sometimes referred to as the Mazarin Bible because the first copy described by bibliographers was located in the Paris library of Cardinal Mazarin. The Anthology of Great Buddhist Priests' Zen Teachings (1377), also known as Jikji, was printed in Korea 78 years before the Gutenberg Bible and is recognized as the world's oldest extant movable metal type book.
Like other contemporary works, the Gutenberg Bible had no title page, no page numbers, and no innovations to distinguish it from the work of a manuscript copyist. This was presumably the desire of both Gutenberg and his customers. Experts are generally agreed that the Bible, though uneconomic in its use of space, displays a technical efficiency not substantially improved upon before the 19th century. The Gothic type is majestic in appearance, medieval in feeling, and slightly less compressed and less pointed than other examples that appeared shortly thereafter.
The original number of copies of this work is unknown; some 40 are still in existence. There are perfect vellum copies kept in the U.S. Library of Congress, the French Bibliothèque Nationale, and the British Library. In the United States almost complete texts are preserved in the Huntington, Morgan, New York Public, Harvard University, and Yale University libraries.

## SubQuestion No : 21

Q.21Select the most appropriate option to fill in the blank.

The Mazarin Bible derived its name from the $\qquad$ -

Ans
X 1. Bibliothèque Nationale
2. Paris Library

X 3. Library of Congress
X 4. British Library

Comprehension:
Read the given passage and answer the questions that follow.
Gutenberg Bible, also called 42-line Bible was the first complete book extant in the West and o ne of the earliest printed from movable type, so called after its printer, Johannes Gutenberg. Gutenbarg completed it in 1455 while working at Mainz, Germany. The three-volume work, in Latin text, was printed in 42-line columns and, in its later stages of production, was worked on by six compositors simultaneously. It is sometimes referred to as the Mazarin Bible because the first copy described by bibliographers was located in the Paris library of Cardinal Mazarin. The Anthology of Great Buddhist Priests' Zen Teachings (1377), also known as Jikji, was printed in Korea 78 years before the Gutenberg Bible and is recognized as the world's oldest extant movable metal type book.
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SubQuestion No: 22
Q.22Select the most appropriate ANTONYM of the given word.

Simultaneously
Ans
X 1. Passionately
X 2. Perpetually
X 3. Reluctantly
4. Consecutively

## Comprehension:

Read the given passage and answer the questions that follow.
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The original number of copies of this work is unknown; some 40 are still in existence. There are perfect vellum copies kept in the U.S. Library of Congress, the French Bibliothèque Nationale, and the British Library. In the United States almost complete texts are preserved in the Huntington, Morgan, New York Public, Harvard University, and Yale University libraries.

SubQuestion No : 23
Q.23Identify an appropriate title for the given passage from the following options.

Ans

1. The 42-Line Bible by Gutenberg

X 2. The First Printing Press by Gutenberg
X 3. The Preservation of Manuscripts
X 4. The Bible and Other Contemporary Works

Comprehension:
Read the given passage and answer the questions that follow.
Gutenberg Bible, also called 42-line Bible was the first complete book extant in the West and o ne of the earliest printed from movable type, so called after its printer, Johannes Gutenberg. Gutenbarg completed it in 1455 while working at Mainz, Germany. The three-volume work, in Latin text, was printed in 42-line columns and, in its later stages of production, was worked on by six compositors simultaneously. It is sometimes referred to as the Mazarin Bible because the first copy described by bibliographers was located in the Paris library of Cardinal Mazarin. The Anthology of Great Buddhist Priests' Zen Teachings (1377), also known as Jikji, was printed in Korea 78 years before the Gutenberg Bible and is recognized as the world's oldest extant movable metal type book.
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The original number of copies of this work is unknown; some 40 are still in existence. There are perfect vellum copies kept in the U.S. Library of Congress, the French Bibliothèque Nationale, and the British Library. In the United States almost complete texts are preserved in the Huntington, Morgan, New York Public, Harvard University, and Yale University libraries.

SubQuestion No : 24
Q.24Where was the first printed book published?

Ans
$X 1$. The US
X 2. Britain
3. Korea

X 4. Germany

Comprehension:
Read the given passage and answer the questions that follow.
Gutenberg Bible, also called 42-line Bible was the first complete book extant in the West and one of the earliest printed from movable type, so called after its printer, Johannes Gutenberg. Gutenbarg completed it in 1455 while working at Mainz, Germany. The three-volume work, in Latin text, was printed in 42-line columns and, in its later stages of production, was worked on by six compositors simultaneously. It is sometimes referred to as the Mazarin Bible because the first copy described by bibliographers was located in the Paris library of Cardinal Mazarin. The Anthology of Great Buddhist Priests' Zen Teachings (1377), also known as Jikji, was printed in Korea 78 years before the Gutenberg Bible and is recognized as the world's oldest extant movable metal type book.
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The original number of copies of this work is unknown; some 40 are still in existence. There are perfect vellum copies kept in the U.S. Library of Congress, the French Bibliothèque Nationale, and the British Library. In the United States almost complete texts are preserved in the Huntington, Morgan, New York Public, Harvard University, and Yale University libraries.

SubQuestion No : 25
Q.25What is Jikji?

Ans $\quad$ 1. World's first complete book in the west
Х 2. Three volume work created by six compositors
X 3. '42 line Bible' compiled by Johannes Gutenberg
4. World's oldest extant movable metal type book
Q.1A $\quad \mathrm{n}$ athlete crosses 1200 m distance in 9 minutes. What is his speed (in $\mathrm{km} / \mathrm{h}$ )?

Ans

1. 8
$\times 2.9$
$\times 3.7$
$\times 4.6$
Q.2Arun is going from Delhi to Mumbai for a business trip. He travelled by train to reach Gandhinagar in 16 hours covering a distance of 920 km . After a break of 2 hours, he
took another train from the same place to Mumbai, covering the distance in 12 hours.
Arun took a total of 30 hours to cover the entire distance of 1478 km . What was the
speed (in km/h) of the train going from Gandhinagar to Mumbai?
Ans
$\times 1$.
39.85

X2. 46.5
$\times 3.53 .5$
4. 49
Q.3Find the maximum length of a rod, that can be placed in a room of dimension $12 \mathrm{~m} \times$
$12 \mathrm{~m} \times 14 \mathrm{~m}$.
Ans

1. 22 m
$\times 2.24 \mathrm{~m}$
X 3.23 m
X4.21m
Q.4What is the sum of the mean proportional between 5 and 9.8 and the third proportional
to 7 and 14?
Ans
2. 35
$\times 2.32$
$\times 3.34$
$\times 4.33$
Q.5The third proportional of 5 and 15 is:

Ans
X 1.35
$\times 2.40$
$\times 3.50$

- 4.45
Q.6A
r man borrowed Rs.24,000 and Rs.30,000 at 5\% and 9\% per annum simple interest,espectively. What amount (in Rs.) will he have to return after 8
Ans
X 1.78450
- 2.85200
$\times 3.92500$
X4.31200
Q. 7 A certain sum of money becomes three times of itself in $5 \frac{1}{2}$ years at a certain rate of simple interest. How much time will it take to become six times of itself at the same rate?

Ans
X 1.12 years 3 months
X 2. 15 years 5 months
X 3.10 years 6 months

- 4.13 years 9 months
Q. 8 Convert $0 . \overline{57}$ into fraction.

Ans

1. $\frac{19}{33}$

X2. $\frac{17}{33}$
$\times 3 . \frac{57}{33}$
×4. $\frac{33}{19}$
Q.9A can do a piece of work in 12 days, and B can do the same work in 15 days. With the help of C , they can finish the work in 5 days. How long will it take C to finish the work?
Ans
X 1.18 days
2. 20 days

X 3. 17 days
X4. 19 days

Ans

1. 13

X2. 12
$\times 3.11$

- 4.14
Q.11The valuation of a house depreciates at $10 \%$ in a year, compared to its value at the beginning of that year. If the current value of the house is Rs.40,00,000, find what the value of the house will be three years from now.
Ans
X 1. Rs.28,00,000

2. Rs.29,16,000

X 3. Rs.29,06,000
X 4. Rs.29,26,000
Q.12Shatish sold a music system to Karan at a $25 \%$ gain and Karan sold it to Swati at a $30 \%$ gain. If Swati paid Rs.12,500 for the music system, what amount did Shatish pay
for the same?
Ans
X 1. Rs.8,692.31
X 2. Rs.6,802.32
3. Rs.7,692.31

X 4.Rs.9,000.35
Q.13An article marked for ₹ 30,000 is available through two discount schemes. Under scheme 1, successive discounts of $25 \%, 16 \%$ and $15 \%$ are offered. Under scheme 2, successive discounts of $20 \%, 15 \%$ and $16 \%$ are offered. Find the difference between the selling price under the two schemes.
Ans
$X_{1}$. ₹ 1,073
$X^{2 .} ₹ 1,070$
$\vee^{3 .}$ ₹ 1,071
4. ₹ 1,072
Q.14Whae average speed of a c

1 t is thar in $\mathrm{km} / \mathrm{h}$, if it travels 300 km in 4 h and remaining 50 km in 5 h ?
Ans
$X_{1.55}$
2. 45
3. 50
4.65
Q.15In an election, two candidates contested. The winner secured $54 \%$ of the votes and won by 256 votes. Find the total number of votes polled if 96 votes were declared invalid?
Ans
X 1.3784
2. 3296
3. 3994
4.3568
Q. 16 A man sold an article for Rs. 644 gaining $\frac{1}{3}$ th of his outlay. Find the cost price of the article.

Ans
X 1. Rs. 793
X 2. Rs. 580
3. Rs. 483

X4.Rs. 453
Q.17In an election contested by two candidates, one candidate got $40 \%$ of the total votes and still lost by 800 votes, what is the total number of votes cast?
Ans
X 1.25002. 4000

X 3.3550
X4. 1550
Q.18A completes a work in 3 days while B completes it in 6 days. If they work alternately with A starting work first, then in how many days will the work be finished?
Ans
$\times 1.6$
$\times 2.7$
$X$
3. 5
4. 4
Q.19Ska bought th

T ariree shirts for her husband and paid Rs.4,200 for all the three pieces.he shopkeeper gave her a discount of $20 \%$ on the total amount. What wo marked price of one shirt?

Ans
X 1. Rs.1,800
X 2. Rs.2,150
X 3. Rs.1,950
4. Rs.1,750
Q.20The average of the squares of the natural numbers from 1 to 11 is $\qquad$ -.

Ans

$\times 2$.
$\times 506$
$\times 3$.
508
Q.21The radii of the two spheres are in the ratio $4: 3$. What is the ratio between their volumes?
Ans
X $1.36: 27$
X2.25:64
X 3.64:36

- $4.64: 27$
Q.22If a car covers 80 km in 5 litres of petrol, how much distance (in km ) will it cover in 26
litres of petrol?
Ans
X 1.417
X 2.415

2. 416

X 4.418
Q.23Rajesh made a profit of $14 \%$ when he sold a raincoat for $₹ 7,980$. Find the cost price of the raincoat.
Ans
$X_{1 .} ₹ 6,500$
$X^{2}$. ₹ 6,000
$\checkmark^{3 .} ₹ 7,000$
$x^{4 .} ₹ 7,500$
Q.24Theeed of $a b$
d spoat in still water is $15 \mathrm{~km} / \mathrm{h}$ and the speed of the current is $9 \mathrm{~km} / \mathrm{h}$. Theistance travelled by the boat downstream in 25 minutes is:
Ans

2. 10 km

X 3.12 km
X4.9 km
Q.25Three-fourth students of a class are boys. If 120 girls are added to the class, then three-fourth students of the class would be girls. What percentage increment should be there in the girls to have 40 girls in the class?
Ans
X $1.100 \%$
2. 133.33\%
3. $166.67 \%$
4. $266.67 \%$

## Section : General Awareness

Q.1Ashoka sent his son Mahendra to which of the following neighbouring countries to propagate Buddhism in ancient India?
Ans

1. Sri Lanka

X 2. Nepal
X 3. Bhutan
X4. Tibet
Q.2Which type of protein is found in milk?

Ans $\quad$ 1. Pepsin and lipase
X 2. Chymotrypsin
X 3. Trypsin and amylase4. Casein and whey protein
Q.3In February 2022, the Public Works Department of Delhi Government has decided to dedicate a one-kilometre long stretch in North Delhi to India's Olympics and Para Olympics 2021 champions. What is the name given to this sport-themed stretch?
Ans

1. Olympic Boulevard
2. Olympic Town

X 3. Olympic Park
$\times$
4. Olympic Street
Q. 4 'W aiting for a Visa' is an autobiography of which of the following Indian leaders?

Ans

1. Rajendra Prasad

X 2. Jawaharlal Nehru
3. Bhimrao Ambedkar

X 4. Indira Gandhi

Question ID : 26433054175
Status: Marked For Review
Chosen Option: 1
Q.5'Alarippu' is one of the stages of which of the following Indian classical dances? Ans

X 1. Kathakali
X 2. Kuchipudi
3. Bharatanatyam

X 4. Mohiniyattam
Q.6In which of the following countries was the first winter Olympic Games organised by the IOC?
Ans
X 1. Britain
2. France

X 3. Australia
X 4. The US
Q.7In which of the following years did Muhammad Ghori defeat Prithviraj Chauhan in the second battle of Tarain?
Ans
X 1.1180
$\times 2.1199$
$\times 3.1173$

- 4.1192
Q.8Which of the following started in August 1942 and was the last nationwide movement led by Mahatma Gandhi against the British Raj in India?
Ans
X 1. Civil Disobedience Movement
$\times$

2. Non-cooperation Movement
3. Quit India Movement
4. Champaran Movement
Q.9W hich of the following Stupas is situated in the present-day Madhya Pradesh?

Ans

1. Ramabhar Stupa
2. Sanchi Stupa

X 3. Kesaria Stupa
X 4. Shanti Stupa
Q.10Which of the following options is correctly paired

Ans
X 1 . Outermost layer of earth - outer core
2. Innermost layer of earth - Inner core

X 3. Innermost layer of earth - Crust
X 4. Innermost layer of earth - Mantle
Q.11Which of the following manufacturing industries was set up in Rourkela in 1959, which is in Sundergarh district of Odisha?
Ans

1. Iron and Steel industry
$\chi$ 2. Textile industry
X 3. Cement industry
2. Chemical industry
Q.12In terms of length and size of the written Constitution among all the countries in the world, what is the rank of the Constitution of India?
Ans
X 1. Third
3. First
$X$ 3. Second
X4. Fourth
Q.13Who among the following was NOT associated with the 'Trinity of Carnatic Music'?

Ans
X 1. Tyagaraja
X 2. Shyama Sastri
3. Annamayya

X 4. Muthuswami Dikshitar
Q. 14 _

Ans $\times 1$.
Thermometer
X 2. Barometer
X 3. Hydrometer
4. Electrometer
Q.15Identify the national festival on the basis of the given clues:
i) India attained freedom on this day.
ii) The Prime Minister gives a speech at the Red Fort in Delhi.

Ans
X 1. Mahavir Jayanti
X 2. Republic Day
X 3. Guru Nanak Jayanti
4. Independence Day
Q.16On 7 February 2022, which state government launched an open-air classroom for students from class 1 to 7 called 'Paray Shikshalaya'?
Ans
X 1. Chhattisgarh
2. West Bengal

X 3. Kerala
X 4. Maharashtra
Q.17The famous musician RK Bijapure is associated with which musical instrument?

Ans $\quad$ 1. Pakhawaj
X 2. Sarod
3. Harmonium

X 4. Tabla
Q. 18 In which Indian state is Cold Desert Biosphere Reserve located?

Ans
$X$ 1. Uttarakhand
X 2. Haryana
X 3. Sikkim
4. Himachal Pradesh
Q. 19 W hat is the valency of chloride in AICI3?

Ans
$\times 1.4$
$\times 2.3$
$\times 3.2$

- 4.1
Q.20Bhagat Singh threw a bomb on the Central Legislative Assembly on 8 April 1929 along with who among the following revolutionaries in British India?
Ans
X 1. Chandra Shekhar Azad
X 2. Shivaram Rajguru

3. Batukeshwar Dutt

X 4. Ashfaq Ulla Khan
Q.21Which of the following forts is NOT situated in the Indian state of Rajasthan?

Ans
X 1. Nahargarh
2. Warangal

X 3. Kishangarh
X 4. Lohagarh
Q. 22 Intensified Mission Indradhanush 4.0, launched by Ministry of Health and Family Welfare on 7 February 2022, will have $\qquad$ rounds and will be conducted in 416 districts.
Ans
$\times 1$. Four 2.
$X$ Five
3. Three4. Two
Q.23The Constitution of India borrowed the quasi federal structure of government from which country?

Ans
X 1. Switzerland
2. Canada

X 3. Australia
X 4. United States of America
Q. 24 R ajendra Prasanna plays which musical instrument?

Ans $\boldsymbol{X}$ 1. Veena
2. Flute

X 3. Tabla
X4. Sitar
Q.25Khajuraho Dance Festival is celebrated in which of the following states of India?

Ans $\quad$ 1. Gujarat
X 2. Uttar Pradesh
3. Madhya Pradesh

X 4. Maharashtra

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|  |  |
| Exam Date | $04 / 08 / 2022$ |
| Exam Time | 9:00 AM - 10:00 AM |
| Subject | Selection Post Phase X Matriculation Level |

## Section : General Intelligence

Q. 1 Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
HARBOUR : HERBUAR :: FOREST : FURIST :: GLOBAL :?
Ans $\quad X$ 1. Glubal
$X$ 2. GLobel
$X$ 3. GLUBiL
4. GLUBEL
Q.2Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All cycles are buses.
Some buses are trains.
Conclusions:
I. No cycle is a train.
II. All cycles are train.

Ans
X 1. Only conclusion II follows
X 2. Only conclusion I follows
3. Neither conclusion I nor II follows

X 4. Both conclusions I and II follow
Q.3Select the option that represents the correct order of the given words as they would appear in an English dictionary.

1. Occupation
2. Ocean
3. Octave
4. Occur
5. Octopus
6. Occasion

Ans
X $1.6,4,1,2,3,5$
X 2. 2, 3, 5, 6, 1, 4
X 3,6,1,4, 2, 5, 3
4. 6, 1, 4, 2, 3, 5
Q.4T

A hree statements are given, followed by three conclusions numbered I, II and III.ssuming the statements to be true, even if they seem to be at ve commonly known facts, decide which of the conclusions logically follow(s) from the
statements.
Statements:
A ll desks are pens.
Some pens are clips.
No clip is a book.
Conclusions:
I. All pens are desks.
II. Some books are not clips.
III. All pens are clips.

Ans
X 1 . Only conclusion III follows
2. Only conclusion II follows
$\times$ 3. None of the conclusions follows
X 4. Only conclusion I follows
Q.5Select the correct combination of mathematical signs to sequentially replace the *
signs and to balance the given equation.
40 * 5 * 36 * 60 * 32 * 316
Ans
$\times 1 .+, \times,-,=, \div$
Х 2. $\times,+,-, \div,=$
X $3 .+,-, \times, \div,=$
4. $\div, \times,+,-,=$

Question ID : 2643305645
Status: 0 Answered
Chosen Option: 4
Q. 6 In a certain code language, 'IMAGE' is written as 'KPEJG', and 'HOTEL' is written as 'JRXHN'. How will 'JAPAN' be written in that language?
Ans
X 1. LDTEP
X 2. LDPDT
3. LDTDP

X 4. LDTEQ
Q.7Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.
GOLF : IMND : : DOLL : FMNJ : : MOLD : ?
Ans

1. OMNB
$\times 2$. ONNB
X 3. OMNC
X 4.OMMA
Q.8In ode langua
'5 acge, 'praises to him' is written as '723', 'first in school' is written as26', 'new chapter begins' is written as '376'. What is the code for the phrase to class reunion' in this language?

Ans
X 1.7527
2
2. 7257
3. 7246
4.6256
Q. 9 Select the option in which the given figure is embedded (Rotation is NOT allowed).


Ans

Q.10Pointing to a person in a photograph, a man, Ravi said, "He is the father of my son's mother's brother." How is the person related to Ravi?
Ans

1. Father-in-law
2. Father

X 3. Brother
X 4. Brother-in-
law
Q.11Whichletter-cluster will rep

O lace the question mark (?) to complete the given series?WDU, QTHP, ?, UNPF ,WKTA
Ans
X 1 . TRLK
2. SQLK

X 3. SQKJ
X4. TRKJ
Q.12In a certain code language, 'MINUTE' is written as 'NKOWUG' and 'LESSON' is written
as 'MGTUPP'. How will 'IMPORT' be written in that language?
Ans
X 1. JOQTSV
2. JOQQSV

X 3. JORQSV
X 4.JOQQTV
Q.13'P @ Q' means 'P is the father of Q'
' $P$ \& $Q$ ' means ' $P$ is the mother of $Q$ '
'P \# Q' means ' $P$ is the wife of $Q$ '
' $P \times Q^{\prime}$ means ' $P$ is the husband of $Q$ '
If ' $A$ \# B @ $C \times D \& E^{\prime}$ ', then how is A related to $E$ ?
Ans
$X$ 1. Father's father
X 2. Son's daughter
3. Father's mother

X 4. Mother's mother
Q.14Select the option that represents the correct order of the given words as they would appear in an English dictionary.
1.Understand
2.Untie
3.Uncle
4.University
5.Unlimited
6.Unknown

Ans
> $1.1,3,4,6,5,2$
X 2.3,1, 6, 4, 5, 2
X $3,1,4,3,6,5,2$
4. 3, 1, 4, 6, 5, 2
Q. 15 Which

P letter-cluster will replace the question mark (?) to complete the given series?DRT, ?, LJPP, JMON, HPNL
Ans

1. NGQR

X 2.NGRQ
X 3.NFQQ
X4.NFPS
Q. 16 In a code language, 'HURDLE' is written as 'REHVNU' and 'TARGET' is written as
'FYHSUF'.How will 'FLANKER' be written in that language?
Ans
X 1. RKEANLF
X 2. REKNALF
3. TNYLOUH

X4. TNYOULH
Q. 17 In a certain code language, 'NATIVE' is written as 'IEVNTA' and 'PALACE' is written as 'AECPLA'. How will 'RELATE' be written in that language?
Ans

1. AETRLE

X 2. ATRELE
X 3. TRAELE
X4. TELARE
Q. 18 Select the option that represents the letters that, when sequentially placed from left to right in the blanks below, will complete the letter series.
$D_{-} G J_{-} F G_{-} D_{-} J_{-} F_{-}$J
Ans
X1.FDJFJDG
X 2. FGJFGDG
3. FDJFGDG
4. FDJFGDL
Q. 19 Th

A ree statements are given, followed by three conclusions numbered I, II and III.ssuming the statements to be true, even if they seem to be at var commonly known facts, decide which of the conclusions logically follow(s) from the
statements.
Statements:
S ome boxes are pins.
All pins are taps.
No tap is a star.
Conclusions:
I. All boxes are pins.
II. Some taps are pins.
III. Some stars are not taps.

Ans
X 1. All of the conclusions follow
2. Only conclusion II and III
$X$ follow 3. Only conclusion I and III
X follow 4. Only conclusions I and II
follow
Q.20Which letter-cluster will replace the question mark (?) to complete the given series?

GQLC, HSOG, ?, JWUO , KYXS
Ans
X 1. IUSJ
X 2. ITSL
3. IURK

X 4. ITRL
Q.21Which of the following numbers will replace the question mark (?) in the given series?

9, 17, 33, 65, ?, 257
Ans $\times 1.229$
2. 129
$\times 3.89$
$\times 4.99$
Q.22In a code language, 'let us go shopping' is written as '3228', 'make one list' is written as '434', 'the cart is filled' is written as '3426'. What is the code for the phrase 'pay by cash or card' in this language?
Ans
X 1.34224
2. 324243. 43224
4. 42324
Q. 23 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q.24Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
32 : 4 :: 72 : 6 :: 200 :?
Ans $\times 1.2$
X2.8
$\times 3.12$
-4. 10
Q.25In a code language, 'MARKED' is written as '+5\%2*@', 'RUBIES' is written as '\%4\#3*£' and 'SNORK' is written as ' $£ 9 \$ \% 2$ '. How will 'BRAND' be written in that language?
Ans
x. $42+£^{*}$
×2. \#\% $5 £^{*}$
».\#\%59@
×4.4259@
Q. 1 S elect the most appropriate ANTONYM of the given word.

Intentional
Ans 1. Accidental
$X$ 2. Consequential
X 3. Careless
X 4. Eventual
Q.2Select the option that expresses the given sentence in passive voice.

They noted down the details very carefully.
Ans

1. The details were noted down by them very carefully.

X 2. The details was being noted down by them very carefully
X 3. The details were being noted down by them very carefully
X 4. The details had been noted down by them very carefully.
Q.3Select the most appropriate ANTONYM of the given word.

Dainty
Ans $\quad \mathbf{X}$ 1. Baffled
$X$ 2. Confused
3. Clumsy

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

Ans
X 1. Battalion
X 2. Battery
3. Consenses

X 4. Confession
Q.5Select the correctly spelt word to fill in the blank.

Gaurav faced $\qquad$ of court.
Ans
X 1. qriminal Contemp
2. criminal contempt

X 3. kriminal cuntempt
X 4. kqriminal coontempt
Q.6S elect the most appropriate option to fill in the blank. It is always good to eat $\qquad$ of different colours.

Ans
$X$ 1. wheat
X 2. meat
3. vegetables
$\times$
4. rice
Q.7Select the most appropriate synonym of the given word.

Emancipate
Ans
$\chi$ 1. Fetter
2. Liberate
$X$ 3. Enchain
X 4. Confine
Q.8Select the most appropriate option to fill in the blank.

Our old Principal was standing and I $\qquad$ him a chair.
Ans
X 1. gave
2. offered

X 3.took
X 4. ordered
Q.9Select the option that can be used as a one-word substitute for the given group of words.
Delay in doing something to a later time
Ans
X 1. Schedule
X 2 . Span
3. Procrastination

X4. Ephemeral
Q. 10 S elect the most appropriate meaning of the given idiom.

A bone of contention
Ans
$X$ 1. A push
X 2. A settlement
X 3. An agreement
4. A dispute
Q. 11 Select the most appropriate meaning of the given idiom.

Stand in one's own light
Ans
X 1. To disclose
2. To act against one's own interest

X 3. In favour with
X 4. With all power
Q.12Select the option that can be used as a one-word substitute for the given group of words.

A large group of people
Ans
X 1. Population
X 2. Posse
X 3. Congregation
4. Horde
Q.13Select the most appropriate synonym of the given word.

Stupid
Ans $\quad$ 1. Cunning
X 2. Moody
X 3. Clumsy
4. Dull
Q. 14 S elect the INCORRECTLY spelt word

Ans

1. Begining
$X$ 2. Becoming
$X$ 3. Bellowing
X 4. Believing
Q.15Select the option that expresses the given sentence in passive voice.

The information surprised us
Ans
$X 1$. We have been surprised by the information.
2. We were surprised by the information.
$X$ 3. We were feeling surprised at the information.
$X 4$. We are surprised by the information.

## 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.

Horus, the falcon-headed god, is a (1) $\qquad$ ancient Egyptian god. He has become one of the most commonly used symbols of Egypt, seen on Egyptian airplanes, and on hotels and restaurants (2) $\qquad$ the land. He is the son of Osiris and Isis, the divine child of the holy family triad. He is one of many gods (3) $\qquad$ with the falcon. His name means 'he who is above' and 'he who is distant'. The falcon had been worshipped from earliest times as a (4) $\qquad$ deity whose body represents the heavens and whose eyes represent the sun and the moon. Horus is (5) $\qquad$ as a falcon wearing a crown with a cobra or the Double Crown of Egypt. The hooded cobra known as Uraeus, which the gods and pharaohs wore on their foreheads, symbolises light and royalty. It is there to protect the person from harm

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

Ans
$X$ 1. nonchalant
$X$ 2. humble3. rebellious4. revered

## 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.

H orus, the falcon-headed god, is a (1) $\qquad$ ancient Egyptian god. He has become one of the most commonly used symbols of Egypt, seen on Egyptian airplanes, and on hotels and restaurants (2) $\qquad$ the land. He is the son of Osiris and Isis, the divine child of the holy family triad. He is one of many gods (3) $\qquad$ with the falcon. His name means 'he who is above' and 'he who is distant'. The falcon had been worshipped from earliest times as a (4) $\qquad$ deity whose body represents the heavens and whose eyes represent the sun and the moon. Horus is (5) $\qquad$ as a falcon wearing a crown with a cobra or the Double Crown of Egypt. The hooded cobra known as Uraeus, which the gods and pharaohs wore on their foreheads, symbolises light and royalty. It is there to protect the person from harm.

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

Ans

1. throughout
$X$ 2. away from
X 3. alongside
$\times$ 4. outside

## 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.

Horus, the falcon-headed god, is a (1) $\qquad$ ancient Egyptian god. He has become one of the most commonly used symbols of Egypt, seen on Egyptian airplanes, and on hotels and restaurants (2) $\qquad$ the land. He is the son of Osiris and Isis, the divine child of the holy family triad. He is one of many gods (3) $\qquad$ with the falcon. His name means 'he who is above' and 'he who is distant'. The falcon had been worshipped from earliest times as a (4) $\qquad$ deity whose body represents the heavens and whose eyes represent the sun and the moon. Horus is (5) $\qquad$ as a falcon wearing a crown with a cobra or the Double Crown of Egypt. The hooded cobra known as Uraeus, which the gods and pharaohs wore on their foreheads, symbolises light and royalty. It is there to protect the person from harm.

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

Ans
X 1. accommodated
$X$ 2. endowed
X 3. possessed
4. associated

## 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.

H orus, the falcon-headed god, is a (1) $\qquad$ ancient Egyptian god. He has become one of the most commonly used symbols of Egypt, seen on Egyptian airplanes, and on hotels and restaurants (2) $\qquad$ the land. He is the son of Osiris and Isis, the divine child of the holy family triad. He is one of many gods (3) $\qquad$ with the falcon. His name means 'he who is above' and 'he who is distant'. The falcon had been worshipped from earliest times as a (4) $\qquad$ deity whose body represents the heavens and whose eyes represent the sun and the moon. Horus is (5) $\qquad$ as a falcon wearing a crown with a cobra or the Double Crown of Egypt. The hooded cobra known as Uraeus, which the gods and pharaohs wore on their foreheads, symbolises light and royalty. It is there to protect the person from harm.

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

Ans

1. cosmic
$\times 2$
X malevolent
X 3. modern
2. primary

## Comprehension:

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

Horus, the falcon-headed god, is a (1) $\qquad$ ancient Egyptian god. He has become one of the most commonly used symbols of Egypt, seen on Egyptian airplanes, and on hotels and restaurants (2) $\qquad$ the land. He is the son of Osiris and Isis, the divine child of the holy family triad. He is one of many gods (3) $\qquad$ with the falcon. His name means 'he who is above' and 'he who is distant'. The falcon had been worshipped from earliest times as a (4) $\qquad$ deity whose body represents the heavens and whose eyes represent the sun and the moon. Horus is (5) $\qquad$ as a falcon wearing a crown with a cobra or the Double Crown of Egypt. The hooded cobra known as Uraeus, which the gods and pharaohs wore on their foreheads, symbolises light and royalty. It is there to protect the person from harm

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

Ans
X 1. transcended
2. depicted

X 3. translated
X 4. introduced

Comprehension:
Read the given passage and answer the questions that follow.
The Blue Mountains National Park in Australia gets its name from the natural blue haze. This h aze is created by the vast eucalyptus forests present in this famous world heritage area. Here, tiny droplets of oil get released from the tree and mix with water vapour and sunlight. These produce a distinctive colour as the name suggests - Blue Mountains. One of the main highlights of this area is Jenolan caves, which have limestone chasms. There is a sky ride present across the valley. A breathtaking view of the mountains can be seen from these caves. These caves are the world's oldest caves. These caves are considered to be one of the world's most inspiring wonders.

SubQuestion No : 21
Q.21Select the most appropriate ANTONYM of the given word.

Inspiring
Ans
X 1. Alert
X 2. Enriching
X 3. Interesting
4. Monotonous

Comprehension:
Read the given passage and answer the questions that follow.
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SubQuestion No : 22
Q.22Select the most appropriate ANTONYM of the given word.

Distinctive
Ans
X 1. Constant
X 2. Parallel
X 3. Different
4. Alike

Comprehension:
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SubQuestion No : 23
Q.23Choose the most appropriate title for the passage.

Ans

1. The Blue Mountains

X 2. Nature Wonder
X 3. World Heritage
X 4. Jenolan Caves

## Comprehension:

Read the given passage and answer the questions that follow.
The Blue Mountains National Park in Australia gets its name from the natural blue haze. This haze is created by the vast eucalyptus forests present in this famous world heritage area. Here, tiny droplets of oil get released from the tree and mix with water vapour and sunlight. These produce a distinctive colour as the name suggests - Blue Mountains. One of the main highlights of this area is Jenolan caves, which have limestone chasms. There is a sky ride present across the valley. A breathtaking view of the mountains can be seen from these caves. These caves are the world's oldest caves. These caves are considered to be one of the world's most inspiring wonders.

SubQuestion No : 24
Q.24Based on your reading of the passage, choose the most appropriate option that describes the word 'heritage'.
Ans
X 1. Human social background
X 2 . Someone's birth right
3. Descended from the generations
4. Old buildings and monuments

Comprehension:
Read the given passage and answer the questions that follow.
The Blue Mountains National Park in Australia gets its name from the natural blue haze. This h aze is created by the vast eucalyptus forests present in this famous world heritage area. Here, tiny droplets of oil get released from the tree and mix with water vapour and sunlight. These produce a distinctive colour as the name suggests - Blue Mountains. One of the main highlights of this area is Jenolan caves, which have limestone chasms. There is a sky ride present across the valley. A breathtaking view of the mountains can be seen from these caves. These caves are the world's oldest caves. These caves are considered to be one of the world's most inspiring wonders

SubQuestion No : 25
Q.25According to the passage, which element is released from the eucalyptus trees?

Ans
X 1. Limestone
2. Oil

X 3. Vapour
X 4. Sunlight

## Section : Quantitative Aptitude

Q. 1100 oranges were purchased for Rs. 800 and sold at the rate of Rs. 108 per dozen. What
is the percentage profit?
Ans
$X_{1 .} 14 \frac{1}{2} \%$
2. $12 \frac{1}{2} \%$

X 3. $15 \frac{1}{2} \%$
× $4.11 \frac{1}{2} \%$
Q.2The effective annual rate of interest corresponding to a nominal rate of 10\% per annum
payable half-yearly is:
Ans
X 1. 11.25\%
2. $10.25 \%$

X 3.10.50\%
X4.12.50\%
Q.3R
h am spends $30 \%$ of his monthly salary on food, and one-fifth of the remaining onouse rent. If Ram saves Rs.7,000 per month, which is equal to on balance after spending on food and house rent, then what is his monthly salary?

Ans
X 1. Rs.37,300
X 2. Rs.37,600
X 3. Rs.37,400
4. Rs.37,500
Q.4What is the area of a triangle with a base of 18 cm and height of 21 cm ?

Ans
X 1.378 cm 2

- 2.189 cm 2
$\times 3.195 \mathrm{~cm} 2$
X 4.328 cm 2
Q.5The fourth proportional of 10, 15 and 30 is:

Ans
$\times 1.35$
v. 25

X 3.40
$\times 4.55$
Q.6A sum of Rs.7,600 amounts to Rs.7,980 in 2 years at simple interest. If the interest rate is increased by $5 \%$, how much would it amount to?

Ans

1. Rs.8,740

X 2. Rs.8,470
X 3. Rs.8,240
X 4.Rs.8,540
Q.7Out of his income, Ram spends $20 \%$ on house rent and $60 \%$ of the rest on household expenditure. If he saves Rs.4,600 per month, then his total income per month in Rs. is:
Ans

1. 14375

X 2.13375
$\times 3.14300$
X4. 10375
Q. 8 T e ver
a h aage salary of all the staff in an office of a corporate house is Rs.6,000.Theverage salary of the officers is Rs. 15,000 and that of the rest is Rs.5,0 number of staff is 300 , then the number of officers is:
Ans
-1.30
$\times 2.50$
$\times 3.270$4. 40
Q.9If a person travels three equal distances at speeds of $20 \mathrm{~km} / \mathrm{h}, 30 \mathrm{~km} / \mathrm{h}$ and $10 \mathrm{~km} / \mathrm{h}$, then find the average speed of the whole journey.
Ans
X 1.18 .6 km/h
X $2.22 \mathrm{~km} / \mathrm{h}$
X $3.20 \mathrm{~km} / \mathrm{h}$
, $4.16 .36 \mathrm{~km} / \mathrm{h}$
Q. 10 Neha is manufacturing plastic lunch boxes for a job. She got a project to manufacture some boxes, out of which she completed $\frac{15}{23}$ of the project in 30 days. In how many days did she complete the entire project for the company?
Ans

1. 46
$\times 2.42$
$\times 3.32$
$\times 4.16$
Q.11A sum of Rs.28,000 is invested by Vijay at 10\% p.a. compound interest for the period of 4 years. How much money (in Rs.) will Vijay receive after 4 years?
Ans
X 1. Rs.41,994.80
X 2. Rs.40,992.80
X 3. Rs.12,994.80
2. Rs.40,994.80
Q.12A girl walks to the park, situated 450 m from her house, in 4 min and comes back in 6 min. What is the average speed of the girl (in km/h)?
Ans
3. $5.4 \mathrm{~km} / \mathrm{h}$

X $2.5 .2 \mathrm{~km} / \mathrm{h}$
X $3.4 .4 \mathrm{~km} / \mathrm{h}$
X $4.5 \mathrm{~km} / \mathrm{h}$
Q.13Ramlls almond

H ses at the cost price but uses false weight and thus gains $25 \%$ profit.ow many grams of almonds does he give in 3.5 kilograms?
Ans
X 1.2500
X2. 2700
X 3.2600

- 4.2800
Q. 148 men working 9 hours a day complete a piece of work in 20 days. In how many days can 7 men working for 10 hours a day complete the same piece of work?
Ans
$\times 1.18 \frac{4}{7}$
$\times 2.18 \frac{3}{7}$
$\times 3.20 \frac{3}{7}$

4. $20 \frac{4}{7}$
Q.15Pardeep can complete a piece of work in 16 days. He worked for 4 days and left the work, thereafter Sohan finished the remaining work in 8 days. In how many days, can Pardeep and Sohan together complete the work?
Ans
$\times 1.4 \frac{2}{5}$
5. $6 \frac{2}{5}$
$\times 3.5 \frac{2}{5}$
$\times 4.7 \frac{2}{5}$
Q.16The ratio of the prices of tea to coffee is $3: 5$ and the ratio of their quantities consumed by a family is $5: 7$. Find the ratio of expenditure on tea to coffee.
Ans
6. $5: 3$
$\times 2.3: 9$
-3. $3: 7$
$x^{4 .} 7: 3$
Q. 17 P

O raveen is offering a $10 \%$ discount on all clothes to sell the stock as early as possible.ne of his friends, Vijay, came to the shop and purchased one friendship, Praveen gave an additional 6\% discount to Vijay. What was the price of the coat if Vijay paid Rs.7,614?
Ans

1. Rs.9,000
$X_{\text {2. Rs. } 9,500}$
X 3. Rs.8,500
X 4. Rs.9,800
Q.18The ratio of the lengths of two trains is $7: 5$ and the ratio of their speeds is $9: 7$. Find the ratio of the time taken by them to cross a pole.
Ans
2. $49: 45$

X $2.35: 46$
X 3.49:35
$\times 4.46: 49$
Q.19A boat covers 18 km downstream in 3 hours and the same distance upstream in 6
hours. The speed of the boat in still water is $\qquad$ -.
Ans
X $1.5 \mathrm{~km} / \mathrm{h}$
X $2.5 .5 \mathrm{~km} / \mathrm{h}$
X $3.4 \mathrm{~km} / \mathrm{h}$
-4. $4.5 \mathrm{~km} / \mathrm{h}$
Q.20Find the greatest number that exactly divides $8,12,20$ and 24.

Ans

- 1.4
$\times 2.6$
$\times 3.12$
$\times 4.8$
Q.21A dealer marks a dishwasher 40\% above the cost price and allows a discount of $11 \%$ on it. What is his profit (rounded off to 1 decimal place) percentage?
Ans
X 1. 42.2\%
X $2.31 .7 \%$
× 3. 28.6\%

4. $24.6 \%$
Q. 22 T he sum of the first nine prime numbers is:

Ans
1.100
$\times 2.77$
X 3.129
$\times 4.123$
Q.23A metallic solid hemisphere of radius 12 cm is melted and recast into spheres of
radius 2 cm . Find the number of spheres thus formed.
Ans
$X 1.184$
X 2. 142
X 3. 216

- 4.108
Q.24Anandi sold a mobile for Rs. 22,140 at a profit of $23 \%$. What was the cost price of the mobile?

Ans
X 1. Rs.20,000
2. Rs. 18,000

X 3. Rs.18,500
X 4.Rs.18,550
Q.25There are two symbols available for voters to cast their votes - Car and Umbrella. The 'Umbrella' got 2412 votes, which were 120\% of the votes of the 'Car'. How many votes were cast in total?

Ans
X1. 4400
$\times 2.4500$
X 3.4200
4
4. 4422
Q. 1 In ove
a Nmber 2021, M. Appavu, the state legislative assembly speaker of which statessembly called for 'setting a binding timeframe within whith bills sh assented, returned or reserved for consideration of the President of India by the
Governors'?
Ans
X 1. Karnataka
$X$ 2. Kerala
3. Tamil Nadu

X 4. Andhra Pradesh
Q.2'Game Changer' is the name of an autobiography of which sportsperson?

Ans
X 1. Rahul Dravid
X 2. Yuvraj Singh
X 3. Shane Warne
4. Shahid Afridi
Q.3Who among the following led the Salt Satyagraha march from Trichy to Vedaranyam in Tamil Nadu?
Ans
X 1. Sundara Sastri Satyamurti
2
2. Chakravarti Rajagopalachari

X 3. Kumaraswami Kamaraj
X 4. Subramaniya Siva
Q.4Select the correct pair of state and its corresponding classical dance form from the
following.
Ans

1. Kuchipudi: Andhra Pradesh

X 2. Kathakali: Tamil Nadu
X 3. Bharatanatyam: Kerala
X 4. Manipuri: Odisha
Q.5Sound waves and seismic $P$ waves are examples of which type of waves?

Ans
X 1. Matter waves
X 2. Electromagnetic waves
3. Longitudinal waves4. Transverse waves
Q.6W hich of the following is India's oldest city?

Ans
X 1. Aligarh
X 2. Delhi
3. Varanasi
$\times 4$.
4. Lucknow
Q.7Which of the following festivals is NOT celebrated primarily in Arunachal Pradesh?

Ans
X 1. Sangken
2. Losoong

X 3. Tamladu
X 4. Ojiyale
Q.8Who among the following musicians plays the tabla?

Ans

1. Zakir Husain

X 2. Ramnad Raghavan
X 3. Ali Akbar Khan
X 4. Pt. Ravi Shankar
Q.9Which of the following was the first state to be annexed into the British empire under the Doctrine of Lapse introduced by Lord Dalhousie?
Ans
X 1. Jhansi
X 2. Nagpur
3. Satara

X 4. Sambalpur
Q. 10 In February 2022, the Union Minister for Health and Family Welfare launched the National Polio Immunisation Drive for 2022 for administering polio drops to children below $\qquad$ years of age.
Ans
$X 1$. seven
$X$ 2. eight
$\times$ 3. nine
4. five
Q. 11 In Census of India 2011, what
c is the criteria regarding the density of population foronsidering a settlement as a Census town?
Ans
X 1.500 persons per sq. km.
X 2. 100 persons per sq. km.
X 3.300 persons per sq. km.
4. 400 persons per sq. km.
Q.12Which of the following states registered the highest growth rate in population during

2001-2011?
Ans
X 1. Kerala
X 2. Maharashtra
3. Meghalaya
4. Rajasthan
Q.13The first modern Olympic Games under IOC was held in $\qquad$ -.
Ans
X 1.1890
$\times 2.1894$
-3. 1896
$\times 4.1891$
Q.14Soft drinks consist of which of the following gases?

Ans

1. Carbon dioxide

X 2. Nitrogen
X 3. Sulphur dioxide
X 4. Carbon monoxide
Q.15Who among the following defeated the Lodhi sultan in the battle of Panipat in 1526 and
founded the Mughal empire in medieval India?
Ans
$X$ 1. Muhammad Azam Shah
X 2. Akbar
X 3. Jahandar Shah
4. Babur
Q. 16 Arya
o bhata, a famous mathematician and astronomer of ancient India, was in the courtf who among the following Gupta rulers?
Ans
X 1. Ramagupta
2. Chandragupta II

X 3. Kumaragupta
X 4. Samudragupta
Q.17The Kesariya Stupa is located in which Indian state?

Ans $\quad$ 1. Assam
2. Bihar

X 3. Uttar Pradesh
X 4. Nagaland
Q.18Wangala is a most famous festival of the Garo tribe of $\qquad$ -

Ans
X 1. Tamil Nadu
2. Meghalaya
$\times 3$
3. Karnataka
4. Uttarakhand
Q.19Which Fundamental Right was added through the 86 th Constitutional Amendment,

2002?
Ans 17o safeguard public property and to abjure violence
2.7o value and preserve the rich heritage of our composite culture
3. The parent or guardian to provide opportunities for education of his/her child/ward
between the age of six and fourteen years.
4. Ko uphold and protect the sovereignty, unity and integrity of India
Q.20Announced in February 2022, which of the following organisations is one of the
partners of the Sustainable Access to Markets and Resources for Innovative Delivery
of Healthcare (SAMRIDH) initiative?
Ans
X 1. Department of Pharmaceuticals
2. NITI Aayog
3. Ministry of Health and Family Welfare
$\times 4$
4. Central Drugs Standard Control Organisation
$\qquad$ .

1. silicon
$X$ 2. carbon
$X$ 3.iron
X 4. nickel
Q.22Jhika Dasain, a famous tribal dance of India, is predominantly performed by which of the following tribal groups?
Ans
$X$ 1. Gaddi
2. Santhal
$X$ 3. Bhil4. Kuki
Q.23The parasitic mode of nutrition is used by:

Ans
$X$ 1.mushrooms
2. tape-worms
$X$ 3. bread moulds
$X 4$. yeast
Q.24Which of the following trophies is related to cricket?

Ans
X 1. Sultan Azlan Shah Cup
X 2. Santosh Trophy
3. Vijay Hazare Trophy

X 4. Davis Cup
Q.25In how many classes are roads classified in India?

Ans
X 1. Four
X 2. Eight
X 3. Seven
4. Six

