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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
X 1. GLUBAL
X 2. GLOBEL
X 3. GLUBIL
2. GLUBEL
Q. 2 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:
All cycles are buses.
Some buses are trains.
Conclusions:
I. No cycle is a train.
II. All cycles are train.

Ans $\times 1$. Only conclusion II follows
2. Only conclusion I follows
3. Neither conclusion I nor II follows
4. Both conclusions I and II follow
Q. 3 Select 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
2. $2,3,5,6,1,4$
3. $6,1,4,2,5,3$
4. $6,1,4,2,3,5$
Q. 4 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
All 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 $\quad$ 1. Only conclusion III follows
2. Only conclusion II follows

X 3. None of the conclusions follows
X 4. Only conclusion I follows
Q. 5 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.
40 * 5 * 36 * 60 * 32 * 316
Ans
Х1.,$+ \times,-,=, \div$
Х2. $\times,+,-, \div,=$
X $3 .+,-, \times, \div,=$
2. $\div, \times,+,-,=$
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
4. LDTEQ

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

1. OMNB

X2. ONNB
X 3. OMNC
X 4. OMMA
Q. 8 In a code language, 'praises to him' is written as ' 723 ', 'first in school' is written as '526', 'new chapter begins' is written as ' 376 '. What is the code for the phrase 'welcome to class reunion' in this language?
Ans
X 1.7527
2. 7257
3. 7246
4. 6256
Q. 9 Select the option in which the given figure is embedded (Rotation is NOT allowed).


Ans

Q. 10 Pointing 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
3. Brother
4. Brother-in-law
Q. 11 Which letter-cluster will replace the question mark (?) to complete the given series? OWDU, QTHP, ?, UNPF ,WKTA
Ans

1. TRLK
2. SQLK
3. SQKJ
4. TRKJ
Q. 12 In 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
5. 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 $Q$ '
' $P \times Q$ ' means ' $P$ is the husband of $Q$ ' If ' $A$ \# B @ C $\times D$ \& $E$ ', then how is $A$ related to $E$ ?
Ans
X 1. Father's father
2. Son's daughter
3. Father's mother
4. Mother's mother
Q. 14 Select 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
X $1.1,3,4,6,5,2$
X2.3,1,6,4,5,2
X $3,1,4,3,6,5,2$
4. $3,1,4,6,5,2$
Q. 15 Which letter-cluster will replace the question mark (?) to complete the given series? PDRT, ?, LJPP, JMON, HPNL
Ans

1. NGQR
2. NGRQ
3. NFQQ
4. 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
5. TNYLOUH

X 4. 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
X 4. 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
1.FDJFJDG
2. FGJFGDG
3. FDJFGDG
4. FDJFGDL
Q. 19 Three statements are given, followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.
Statements:
Some 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 $\quad$ 1. All of the conclusions follow
2. Only conclusion II and III follow

X 3. Only conclusion I and III follow
X 4. Only conclusions I and II follow
Q. 20 Which letter-cluster will replace the question mark (?) to complete the given series? GQLC, HSOG, ?, JWUO , KYXS
Ans
X1.IUSJ
X 2. ITSL

- 3. IURK

X4.ITRL
Q. 21 Which of the following numbers will replace the question mark (?) in the given series? 9, 17, 33, 65, ?, 257
Ans
X 1.229

- 2.129

X 3.89
X4. 99
Q. 22 In 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
$\times 1.34224$
2. 32424
$\times 3.43224$
X4.42324
Q. 23 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 24 Select 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
X1.2
$\times 2.8$
$\times 3.12$

- 4.10
Q. 25 In 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. \#\% $0 £^{*}$
, 3. \#\%59@
×4.4259@
Q. 1 Select the most appropriate ANTONYM of the given word.

Intentional
Ans

1. Accidental

X 2. Consequential
X 3. Careless
X4. Eventual
Q. 2 Select 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
3. The details were being noted down by them very carefully

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

Dainty
Ans
$\times 1$. Baffled
X 2. Confused
2. Clumsy

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

Ans
$\times 1$. Battalion
X 2. Battery
3. Consenses

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

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

X 3. kriminal cuntempt
X 4. kqriminal coontempt
Q. 6 Select 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. 7 Select the most appropriate synonym of the given word.

Emancipate
Ans
X 1. Fetter
2. Liberate
×3. Enchain
X4. Confine
Q. 8 Select 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
3. took
4. ordered
Q. 9 Select 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

Х 4. Ephemeral
Q. 10 Select the most appropriate meaning of the given idiom.

A bone of contention
Ans
X1. 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. 12 Select the option that can be used as a one-word substitute for the given group of words.

## A large group of people

Ans
$\times 1$. Population
X 2. Posse
X 3. Congregation
4. Horde
Q. 13 Select the most appropriate synonym of the given word.

## Stupid

Ans
$X 1$. Cunning
X 2. Moody
X 3. Clumsy
4. Dull
Q. 14 Select the INCORRECTLY spelt word

Ans

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

The information surprised us.
Ans $\times 1$. 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. 16 Select the most appropriate option to fill in blank number 1.

Ans
X1. nonchalant
$X$ 2. humble
$X$ 3. rebellious
4. 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.

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

Ans

1. throughout

X 2. away from
X 3. alongside
X4. 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) 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
$\times 2$. 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.

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

Ans 1.cosmic
X 2. malevolent
X 3. modern
X 4. primary

## Comprehension:

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

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) 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. 20 Select 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 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 : 21
Q. 21 Select the most appropriate ANTONYM of the given word.

Inspiring
Ans
X1. Alert
X 2. Enriching
X 3. Interesting
4. Monotonous

## 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 : 22
Q. 22 Select the most appropriate ANTONYM of the given word.

## Distinctive

Ans
$X$ 1. Constant
$\times 2$. Parallel
$X$ 3. Different
4. Alike


## 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 : 23
Q. 23 Choose 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. 24 Based on your reading of the passage, choose the most appropriate option that describes the word 'heritage'.
Ans
X 1. Human social background
$\chi$ 2. Someone's birth right
3. Descended from the generations

X 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 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 : 25
Q. 25 According to the passage, which element is released from the eucalyptus trees?

Ans $\times 1$. Limestone
2. Oil

X 3. Vapour
X4. 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
$\times 1.14 \frac{1}{2} \%$
2. $12 \frac{1}{2} \%$
$\times 3.15 \frac{1}{2} \%$
X4. $11 \frac{1}{2} \%$
Q. 2 The effective annual rate of interest corresponding to a nominal rate of $10 \%$ per annum payable half-yearly is:
Ans X1.11.25\%
2. $10.25 \%$

X $3.10 .50 \%$
X4.12.50\%
Q. 3 Ram spends $30 \%$ of his monthly salary on food, and one-fifth of the remaining on house rent. If Ram saves Rs.7,000 per month, which is equal to one-third of the 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. 4 What is the area of a triangle with a base of 18 cm and height of 21 cm ?

Ans $\times 1.378 \mathrm{~cm}^{2}$
2. $189 \mathrm{~cm}^{2}$
3. $195 \mathrm{~cm}^{2}$
4. $328 \mathrm{~cm}^{2}$
Q. 5 The fourth proportional of 10,15 and 30 is:

Ans $\times 1.35$

- 2.45
$\times 3.40$
X4.55
Q. 6 A 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
2. Rs. 8,470
3. Rs.8,240
4. Rs.8,540
Q. 7 Out 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

X2. 13375
$\times 3.14300$
4. 10375
Q. 8 The average salary of all the staff in an office of a corporate house is Rs.6,000.The average salary of the officers is Rs. 15,000 and that of the rest is Rs.5,000. If the total number of staff is 300 , then the number of officers is:

Ans

- 1.30
$\times 2.50$
$\times 3.270$
$\times 4.40$
Q. 9 If 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 $1.18 .6 \mathrm{~km} / \mathrm{h}$
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

X 2.42
$\times 3.32$
X4. 16
Q. 11 A 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

1. Rs.41,994.80
2. Rs.40,992.80

X 3. Rs.12,994.80
4. Rs.40,994.80
Q. 12 A 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 $\mathrm{km} / \mathrm{h}$ )?
Ans
, $1.5 .4 \mathrm{~km} / \mathrm{h}$
X $2.5 .2 \mathrm{~km} / \mathrm{h}$
X $3.4 .4 \mathrm{~km} / \mathrm{h}$
$4.5 \mathrm{~km} / \mathrm{h}$
Q. 13 Ram sells almonds at the cost price but uses false weight and thus gains $25 \%$ profit. How many grams of almonds does he give in 3.5 kilograms?
Ans
X 1.2500
2. 2700
× 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. 15 Pardeep 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
$\times 1.4 \frac{2}{5}$
2. $6 \frac{2}{5}$
$\times 3.5 \frac{2}{5}$
$\times 4.7 \frac{2}{5}$

Q. 16 The 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
$\times 1.5: 3$
$\times 2.3: 9$
3. $3: 7$
$\times 4.7: 3$
Q. 17 Praveen is offering a $10 \%$ discount on all clothes to sell the stock as early as possible.

One of his friends, Vijay, came to the shop and purchased one coat. Because of their 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 2. Rs.9,500
X 3. Rs.8,500
X4. Rs.9,800
Q. 18 The 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

1. $49: 45$

Х $2.35: 46$
$\times 3.49: 35$
$\times 4.46: 49$
Q. 19 A 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
Х $1.5 \mathrm{~km} / \mathrm{h}$
2. $5.5 \mathrm{~km} / \mathrm{h}$
$3.4 \mathrm{~km} / \mathrm{h}$
4. $4.5 \mathrm{~km} / \mathrm{h}$
Q. 20 Find the greatest number that exactly divides $8,12,20$ and 24.

Ans 1.4
X2.6
$\times 3.12$
$\times 4.8$
Q. 21 A dealer marks a dishwasher 40\% above the cost price and allows a discount of $\mathbf{1 1 \%}$ on it. What is his profit (rounded off to 1 decimal place) percentage?
Ans
X $1.42 .2 \%$
X 2. 31.7\%
X 3. $28.6 \%$
4. $24.6 \%$
Q. 22 The sum of the first nine prime numbers is:

Ans

1. 100

X2. 77
$\times 3.129$
4. 123
Q. 23 A metallic solid hemisphere of radius 12 cm is melted and recast into spheres of radius $\mathbf{2 ~ c m}$. Find the number of spheres thus formed.
Ans
X 1.184
X2. 142
X 3.216

- 4.108
Q. 24 Anandi 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
X4. Rs.18,550
Q. 25 There 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
X 1.4400
$\times 2.4500$
X 3.4200

- 4.4422
Q. 1 In November 2021, M. Appavu, the state legislative assembly speaker of which state assembly called for 'setting a binding timeframe within which bills should be assented, returned or reserved for consideration of the President of India by the Governors'?
Ans
X 1. Karnataka
X 2. Kerala

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

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

Ans
X 1. Sundara Sastri Satyamurti
2. Chakravarti Rajagopalachari
3. Kumaraswami Kamaraj
4. Subramaniya Siva
Q. 4 Select the correct pair of state and its corresponding classical dance form from the following.

Ans

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

Ans
X 1. Matter waves
2. Electromagnetic waves
3. Longitudinal waves
4. Transverse waves

## Q. 6 Which of the following is India's oldest city?

Ans
X 1. Aligarh
X 2. Delhi
3. Varanasi

X 4. Lucknow
Q. 7 Which of the following festivals is NOT celebrated primarily in Arunachal Pradesh?

Ans
X 1. Sangken
2. Losoong

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

Ans

1. Zakir Husain

X 2. Ramnad Raghavan
X 3. Ali Akbar Khan
4. Pt. Ravi Shankar
Q. 9 Which 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
2. Nagpur
3. Satara
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
2. eight
$\times 3$. nine
4. five
Q. 11 In Census of India 2011, what is the criteria regarding the density of population for considering a settlement as a Census town?

Ans
X 1.500 persons per sq. km.
2. 100 persons per sq. km.
3. 300 persons per sq. km.
4. 400 persons per sq. km.
Q. 12 Which of the following states registered the highest growth rate in population during

2001-2011?
Ans
X 1. Kerala
X 2. Maharashtra
3. Meghalaya

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

Ans

1. Carbon dioxide

X 2. Nitrogen
X 3. Sulphur dioxide
4. Carbon monoxide
Q. 15 Who 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
3. Jahandar Shah
4. Babur
Q. 16 Aryabhata, a famous mathematician and astronomer of ancient India, was in the court of who among the following Gupta rulers?
Ans
X 1. Ramagupta
2. Chandragupta II
3. Kumaragupta
4. Samudragupta
Q. 17 The Kesariya Stupa is located in which Indian state?

Ans
X 1 . Assam
2. Bihar
3. Uttar Pradesh
4. Nagaland
Q. 18 Wangala is a most famous festival of the Garo tribe of $\qquad$ -.
Ans
X 1. Tamil Nadu
2. Meghalaya

X 3. Karnataka
X 4. Uttarakhand
Q. 19 Which Fundamental Right was added through the $86^{\text {th }}$ Constitutional Amendment, 2002?
Ans

1. To safeguard public property and to abjure violence

Х 2. To 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.
Х 4. To uphold and protect the sovereignty, unity and integrity of India
Q. 20 Announced 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

X 3. Ministry of Health and Family Welfare
4. Central Drugs Standard Control Organisation
Q. 21 Quartz consists of $\qquad$ .
Ans

1. silicon
$X$ 2. carbon
$X$ 3. iron
X 4. nickel
Q. 22 Jhika 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. Bhil
X 4. Kuki
Q. 23 The parasitic mode of nutrition is used by:

Ans
X 1. mushrooms
2. tape-worms

X 3. bread moulds
X 4. yeast
Q. 24 Which of the following trophies is related to cricket?

Ans
X 1. Sultan Azlan Shah Cup
2. Santosh Trophy
3. Vijay Hazare Trophy
4. Davis Cup
Q. 25 In how many classes are roads classified in India?

Ans
X1. Four
$X 2$. Eight
X 3. Seven
4. Six

