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


Ans

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.

4:80: : $6: ?$
Ans $\times 1.296$

- 2.252
$\times 3.229$
$\times 4.151$
Q. 3 In a certain code language, 'TYPICAL' is written as '93' and 'FRAME' is written as '48'. How will 'SENSOR' be written in that language?

Ans

- 1.96
$\times 2.82$
$\times 3.72$
$\times 4.90$
Q. 4 In a certain code language, 'HEALTH' is written as '132961' and 'EARTH' is written as '32761'. How will 'LATER' be written in that language?
Ans
$\times 1.12636$
$\times 2.92619$
- 3.92637
$\times 4.52687$
Q. 5 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.

DEARTH : BFEIUS : : MOSQUE : ?
Ans
X 1. TPOGVR
X 2. TPNCWR
3. TPNFVR

X4. TPQFVS
Q. 6 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 beds are sofa sets.
Some sofa sets are mattresses.
Conclusions:
I. Some sofa sets are beds.
II. Some mattresses are sofa sets.

Ans

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

Night-watchmen : Cricket : : Deuce : ?
Ans

1. Tennis

X 2. Wrestling
$X$ 3. Skating
4. Kabaddi
Q. 8 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.


Ans

Q. 9 In a certain code language, 'UNITY' is written as 'AOOUZ' and 'PROUD' is written as 'QSUAE'. How will 'DOUBT' be written in that language?
Ans
X 1. EPVCU
2. EUACU

X 3. FUVCU
X4.EUVCV
Q. 10 If $N>G>E$ and $F=E>Q=R$, then which of the following options is NOT correct?

Ans
X $1 . G>Q$
2. $\mathrm{F}<\mathrm{R}$

X3. N > E
X $4 . F>Q$
Q. 11 A paper is folded and cut as shown below. How will it appear when unfolded?


Ans


$\times 2 .$| $\Delta$ | $\nabla$ |
| :---: | :---: |
| $\nabla$ | $\Delta$ |
| $\Delta$ | $\nabla$ |
| $\nabla$ | $\Delta$ |

×3. $\begin{array}{ccc}\Delta & & \Delta \\ \nabla & \Delta & \nabla \\ \Delta & \nabla & \Delta \\ \nabla & & \nabla\end{array}$

4. | $\Delta$ | $\Delta$ |
| :---: | :---: |
| $\nabla$ | $\nabla$ |
| $\Delta$ | $\Delta$ |
| $\nabla$ | $\nabla$ |

Q. 12 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.

## 6521 g 9

N



- ers
*6ers 9
Q. 13 Seven girls $\mathbf{P}, \mathbf{Q}, \mathrm{R}, \mathrm{S}, \mathrm{T}, \mathrm{U}$ and V are sitting around a circular table facing the centre. $\mathbf{Q}$ is third to the right of $R$. $V$ is third to the right of $P$. $T$ is to the immediate right of $Q . S$ is to the immediate left of $R$. $U$ is sitting between $R$ and $P$. Who is sitting between $S$ and T?
Ans $\times 1 . \mathrm{P}$
X 2. Q
X 3.R
- 4.V
Q. 14 Select the correct combination of mathematical signs to sequentially replace the * signs and to balance the given equation.

$$
19 * 24 * 8 * 4 * 6 * 40
$$

Ans
X $1 . \times, \div,+,-,=$
2.,$- \div,+, \times,=$

X 3.,$- \div, \times,+,=$
X4.,,$-+ \times, \div,=$
Q. 15 In a certain code language, 'VIEWER' is written as 'SFBTBO'. How will 'CASTLE' be written in that language?
Ans

1. ZXPQIB

X 2. ZXRQID
X 3. ZUPQLB
X 4. YXPSMB
Q. 16 Which of the following letter-clusters will replace the question mark (?) in the given series?

UNXQ, VOYR, XQAT, ATDW, ?
Ans
X1.EYGD
X 2. EYHB
2. EXHA

X 4. DYHA
Q. 17 Which of the following numbers will replace the question mark (?) in the given series?

60, 120, 125, 250, 255, ?, 515
Ans
$\times 1.550$
$\times 2.350$
X 3.310

- 4.510
Q. 18 Arpan, Lohit, Vinayak, Kripal and Ashraf are watching a movie. All are sitting in a line facing the screen. Kripal is to the immediate left of Ashraf. Vinayak is to the immediate left of Arpan. Lohit is second to the left of Arpan. Kripal is sitting at one of the corners. Who is sitting to the immediate right of Ashraf?
Ans
X 1. Vinayak

2. Lohit

X 3. Arpan
X4. Kripal
Q. 19 Select the Venn diagram that best illustrates the relationship between the following classes.

Villagers, Boys, Girls
Ans
$\times 1$.

$\checkmark 2$.

$\times 3$.

$\times 4$.

Q. 20 Which of the following numbers will replace the question mark (?) in the given series?

60, 80, 64, 70, 68, 60, ?, 50
Ans

- 1.72
$\times 2.44$
$\times 3.70$
$\times 4.52$
Q. 21 Which two numbers should be interchanged to make the given equation correct?
$39 \times 6+27 \div 3-52=123$
Ans
- 1.39 and 27
$\times 2.3$ and 6
$\times 3.3$ and 52
$\times 4.39$ and 52
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.

Biology : Science : : Political Science: ?
Ans
$X 1$. Politician
2. Social Science
$X$ 3. Languages
$\times 4$. Earth Science
Q. 23 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

814224
1115330
912 ?
Ans
$\times 1.298$
$\times 2.230$

- 3.216
$\times 4.244$
Q. 24 Select the option that will replace the question mark (?) in the following figure series.


Ans

Q. 25 Two statements are given followed by three conclusions numbered I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

Some cricketers are players.
No player is a musician.
Conclusions:
I. No cricketer is a musician.
II. Some players are cricketers.
III. No musician is a player.

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

