Q. 1 Which number will replace the question mark (?) in the following number series?

12, 24, 36, 46, 56, ?, 72
Ans
$\times 1.65$
$\times 2.62$
X 3.66

- 4.64
Q. 2 Select the option in which the numbers are related in the same way, as the numbers of the following set.

56:90:132
Ans
X 1. $89: 110: 131$
X 2. 76:95:116
X 3. 88:102:120

- $4.72: 110: 156$
Q. 3 If in a coding system CHARITY is coded as 107 and DAYTIME is coded as 89, then how will PENALIZE be coded in the same coding system?
Ans
$\times 1.88$
$\times 2.90$
$\times 3.126$
- 4.130
Q. 4 Which letter cluster will replace the question mark (?) in the following letter series?

WAS, YCU, AEW, ?
Ans
$X 1$. GKC
2. CGY
$X 3$. FJB
X4. HLD
Q. 5 Select the correct mirror image of the given figure when the mirror is placed to the right side of the figure.


Ans

$\times 3$.

$\times 4$.

Q. 6 Select the option figure that will replace question mark (?) in the following figure series.


Ans

$\times 2$.

$\times 3$.

$\times 4$.

Q. 7 Identify the option figure that completes the given pattern.


Ans
$\times 1 /$
$\times 2$.

$\times 3$.

$\checkmark 4$.

Q. 8 In a certain code language, if MULTIPLE is written as EILLMPTU, then how will RAVENING be written in the same code language?
Ans $X 1$. AREVINGN
X 2. AEIGNNVR
X 3. EVARGNIN
4. AEGINNRV
Q. 9 Which two digits and signs can be interchanged so as to balance the given equation?
$46 \times 6+32-12 \div 8=-34$
Ans

- 1.8 and $6 ; \div$ and $\times$
$\times 2.3$ and $2 ; \times$ and -
X 3.6 and 2 ; + and $\times$
X 4.4 and $6 ; \div$ and +
Q. 10 Identify the option in which the following figure is embedded (rotation is NOT applicable).


Ans

Q. 11 A paper is folded and cut as shown in the following figures. How will it appear when unfolded?


Ans

Q. 12 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

Some books are novels.
All novels are texts.

## Conclusions:

I. All texts are novels.
II. Some books are texts.

Ans $\quad$ 1. Both conclusions I and II follow.
2. Only conclusion II follows.

X 3. Neither conclusion I nor II follows.
$X 4$. Only conclusion I follows.

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Q. 13 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.

GOVERN : VRONGE : : MOCKERY : $\qquad$ .
Ans
X 1. YREKCOM
X 2. YROMEKC
3. YROMKEC

X 4. YRKECOM
Q. 14 The way 'Stitching' is related to 'Thread', in the same way 'Writing' is related to
$\qquad$ '.
Ans $\times 1$. Nib
2. Ink

X 3. Pen
X4. Paper
Q. 15 Five persons $P, Q, R, S$ and $T$ are sitting around a pentagon table facing the centre. $T$ is immediate left to $R$, who is second right to $P$. $Q$ is immediate left to $S$, who is exact left to $P$. Who is sitting exact right to $P$ ?
Ans
$X 1 . Q$
<2. R
X3.S

- 4 . T
Q. 16 Which number will replace the question mark (?) in the following number series?
$48,32,23,19, ?$
Ans
$\times 1.20$
- 2.18
> 3.19
$\times 4.17$
Q. 17 If in a coding system DAYCARE is coded as 54 and JOURNEY is coded as 105, then how will FURTHER be coded in the same coding system?
Ans
$\times 1.98$
$\times 2.99$
- 3.93
$\times 4.96$
Q. 18 Select the correct alternative to indicate the sequential order of the following terms in a meaningful manner.

1. Heart
2. Pelvis
3. Cornea
4. Kidney
5. Pinna

Ans
1.3-5-1-4-2

X2.5-3-1-4-2
$\times$ 3.3-5-4-1-2
$\times 4$ 2-1-4-3-5
Q. 19 In a certain code language, if SIBLING is written as YOHROTM, then how will OFFICER be written in the same code language?
Ans
X 1. VLLOIJX
2. ULLOIKX
$X$ 3. CIFFORE
X 4. UMMOIKX
Q. 20 Select the Venn diagram that best illustrates the relationship between the following classes.

Men, Tennis players, Women
Ans
$\times 1$

$\times 2$.

$\times 3$.

, 4.

Q. 21 Ritik is ranked 6th from top in his class, while Akshey is 18th from bottom. If their position is interchanged, Akshey gets 15th from bottom. What is the number of students in the class?
Ans
$\times 1.23$
$\times 2.32$
$\times 3.21$

- 4.20
Q. 22 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 computers are boxes.
All boxes are printers.
Conclusions:
I. All printers are computers.
II. All computers are printers.

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

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Q. 23 Select the option in which the number-pair shares the same relationship, as shared by the following number-pair.

96:81
Ans
$\times 1.92: 80$
X 2.84:75
3. 72 :63
$\times 4.104: 96$
Q. 24 Select the option word that is related to the third word in the same way as the second word is related to the first word.

Ocean : Sea : : Happiness : $\qquad$ .
Ans
X 1. Hopeful
X 2. Prosperity
$\times$ 3. Peace
4. Joy
Q. 25 If $\div$ is interchanged with + , and $\times$ is interchanged with - , then which of the following equations is correct?

Ans

- $1.24 \times 84+12 \div 16-7=129$

X2. $24+84 \div 12-16 \times 7=129$
X3. $24-84 \div 12+16 \times 7=129$
X4. $24-84 \div 12 \times 16+7=129$

