Q. 1 Which of the following numbers will replace the question mark (?) in the given series?
$57,71,88,109,135, ?$
Ans 1.167
$\times 2.175$
$\times 3.188$
X4. 201
Q. 2 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:

All crows are sparrows.
All ducks are sparrows.

## Conclusions:

I. No sparrow is a crow.
II. No crow is a duck.
III. Some crows are ducks.

Ans
$X$ 1. Only conclusions I and II follow
X 2. Only conclusions II and III follow
X 3. Only conclusions I and III follow
4. Either conclusion II or III follows
Q. 3 In a certain code language, 'MINT' is written as 'TNIM'. How will 'CORTEX' be written in that language?
Ans
X 1. XTEROC
2. XETROC

X 3. XERTOC
X 4. XETRCO
Q. 4 Select the option figure in which the given figure $(\mathrm{X})$ is embedded as its part (rotation is NOT allowed).


Ans



Q. 5 Select the option figure that will replace the question mark (?) in the figure given below to complete the pattern.
Q. 6 Select the option that is related to the third word in the same way as the second word is related to the first word.

Kathmandu : Nepal : : Thimphu: ?
Ans

- 1. Bhutan

X 2. Sri Lanka
X 3. China
X4. Maldives
Q. 7 Which two signs should be interchanged to make the given equation correct?

$$
4+5-16 \times 4 \div 2=1
$$

Ans
$\times 1 .+$ and -

- $2 . \div$ and $\times$
× $3 . \div$ and -
X4. + and $\times$
Q. 8 Five persons are waiting to buy a ticket in a queue. Dipti is standing just behind Harsha. Vinita is just before Mrunal. Sindhu is just after Dipti. If Vinita is the first person standing in the queue, who is the last person in the queue?
Ans
X 1. Mrunal
X 2. Harsha
× 3. Dipti

4. Sindhu
Q. 9 Eight friends $P, Q, R, S, T, U, V$ and $W$ in are sitting clockwise at equal distances in the same sequence around a circular table. All are facing the centre of the table. If $U$ is sitting in the South, then who is sitting in the North-east direction?
Ans

- 1. R
> 2 .
X3. Q
>4.P
Q. 10 Select the correct mirror image of the given combination when the mirror is placed at MN as shown below.


## F 3 AP 5 <br> 

Ans
$\times \mathbf{C d A} \boldsymbol{f}$



Q. 11 Select the figure that will replace the question mark (?) in the following figure series.


Ans

Q. 12 Which of the following letter-clusters will replace the question mark (?) in the given series?

KTY, NXD, QBI, TFN, ?
Ans
X 1. WLT
2. WJS

X 3. VJS
$\times 4$. WKR
Q. 13 In a certain code language, 'MARKS' is written as 'NASLT', and 'PORT' is written as 'QOSU'. How will 'FINGER' be written in that language?
Ans
X 1. GIOFDS
X 2. GJOHFS
3. GIOHES
$\times 4$. EIOKFT
Q. 14 Study the given pattern carefully and select the number that can replace the question mark (?) in it.

154161
123117
165 ?
Ans
$\times 1.120$
2. 131
$\times 3.111$
$\times 4.143$
Q. 15 Select the set of classes the relationship among which is best illustrated by the following Venn diagram.


Ans
$X$ 1. Food, Cereal, Maize
$\checkmark$ 2. Books, Kitchens, Cars
$X$ 3. Vehicles, Animals, Buses
X 4. Animals, Polar Bears, Ice

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Q. 16 Which two numbers should be interchanged to make the given equation correct?
$81+45 \div 3-18 \times 9=32$
Ans $\times 1.81$ and 18
$\times 2.45$ and 18

- 3.3 and 9
$\times 4.45$ and 9
Q. 17 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:
No shop is a restaurant.
All restaurants are parks.
Conclusions:
I. Some parks are restaurants.
II. No restaurant is a shop.

Ans $\quad$ 1. Neither conclusion I nor II follows
X 2. Only conclusion II follows
X 3. Only conclusion I follows
4. Both conclusions I and II follow
Q. 18 If $G>T, H=B, T>H, M=T$ and $B>K$, then which of the following expressions is correct?
Ans
$X 1 . G=T$
2. $\mathrm{K}<\mathrm{H}$

X 3. $B>T$
X4. $\mathrm{G}<\mathrm{M}$
Q. 19 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

NORWAY : YWRONA : : PORTUGAL : ?
Ans
X 1. URTOPLGA
2. UTPRLOGA
3. ATRPOGLU
4. UTRPOLGA
Q. 20 In a certain code language, 'FLOOD' is written as '25', and 'HINT' is written as '15'. How will 'FAST' be written in that language?
Ans
X 1.18

- 2.64

X 3.78
$\times 4.60$
Q. 21 Select the option that is related to the third word in the same way as the second word is related to the first word.

Books: School Bag : : Gas stove : ?
Ans

1. Kitchen
$X$ 2. Chef
X 3. Gas cylinder
X4. Food
Q. 22 A paper is folded and cut as shown in the given figures. How will it appear when unfolded?


Ans

$\times 3$.

$\times 4 . \nabla_{\square}^{\Gamma=-}$

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Q. 23 In a certain code language, 'LOAN' is written as '15122613'. How will 'DEUCE' be written in that language?
Ans

- 1. 232262422

X 2. 232292322
X 3. 202272422
$\times 4.232162421$
Q. 24 Which of the following numbers will replace the question mark (?) in the given series?

17, 17, 34, 102, 408, ?
Ans
$\times 1.1620$
X 2.2440
X 3.1550

- 4.2040
Q. 25 Select the option that is related to the third number in the same way as the second number is related to the first number.

7:53: : 9 :?
Ans
$\times 1.99$
X2. 101
X 3.112
*. 85

