Q. 1 Which two digits and signs need to be interchanged so as to balance the given equation?
$\mathbf{9 7} \div \mathbf{2 4 - 1 6 \times 5 + 3 7 = 5 3}$
Ans
X 1.2 and $3 ;+$ and $\times$

- 2. 7 and 6 ; + and -

X 3.4 and $7 ; \div$ and +
X 4.2 and 3 ; $\div$ and -

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Q. 2 In a certain code language, BOOTLACE is coded as 49960372 and CAPELIN is coded as 7382015 . How will TAPIOCA be coded in that language?
Ans
Х 1.6582975
X 2. 3673819
3. 5381963
4. 6381973
Q. 3 Select the option that is related to the third word in the same way as the second word is related to the first word.

Hindi : Devanagari :: English : ?
Ans

1. Latin
2. Persian
< 3. Greek
>4. British
Q. 4 Select the number from among the given options that can replace the question mark
(?) in the following series.

12, 22, 40, 74, 140, ?
Ans

1. 270
>2. 274
X 3.280
< 4.268
Q. 5 Select the option in which the numbers are related in the same way as are the numbers of the following set.

221: 348: 517
Ans
Х1.995:1326:1723

- 2. 1005: 1336:1733

入 $3.343: 512: 729$
<4. $1331: 1728: 2744$

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Q. 6 Select the option in which the numbers are related in the same way as are the numbers of the following set.
$(72,56,42)$
Ans

- 1. $(132,110,90)$
< $2 .(80,68,58)$
X 3. $(80,48,24)$
X 4. $(126,102,80)$
Q. 7 Select the option in which the words share the same relationship as that shared by the given pair of words.

Virus : Ebola
Ans

1. Bacteria : Plague
2. Season : Common cold

X 3. Fungi : Diarrhoea
Х 4. Mosquito : Jaundice
Q. 8 Four numbers have been given in the options, out of which three are alike in some manner and one is different. Select the number that is different.

Ans

$\times 2$
2. 218

X 3.514

- 4.733
Q. 9 Four words have been given, out of which three are alike in some manner and one is different. Select the word that is different.
Ans


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Q. 10 A notebook costs ₹12 each. A pen costs ₹9 each. Tina spends ₹ 123 on a total of 11 pieces of these articles. How many notebooks did she purchase?
Ans
Х2.9
X 3.11
$\times 4.6$
Q. 11 How many triangles are there in the given figure?


Ans
X1. 22
$\times 2.26$
X 3. 24
4. 28
Q. 12 Tushar is the only son of Jitendra, and Kirti is the daughter of Jitendra's father's brother. Suhani is the sister of Tushar. How is Suhani related to Kirti?

Ans
X 1. Sister
X 2. Aunt
3. Niece
4. Cousin

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Q. 13 Select the Venn diagram that best represents the relationship between the following classes.

Women, Mothers, Sisters
Ans

$\times 2 . \square$
$\checkmark 3$.

$\times 4$.

Q. 14 Four letter-clusters have been given in the options, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.
Ans
X1.ILPU
2. KOSW

X 3 . ORVA
X4.EHLQ
Q. 15 Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
Some ducks are hens.
Some hens are chickens.
Conclusions:
I. Some ducks are chickens.
II. Some hens are ducks.

Ans

1. Neither conclusion I nor II follows.

- 2. Only conclusion II follows.

Х 3. Both conclusions I and II follow.
4. Only conclusion I follows.

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Q. 16 Select the figure from among the given options that can replace the question mark (?) in the following series.


Ans

Q. 17 Select the combination of letters that when sequentially placed in the blanks of the given series will complete the series.
$O_{-} E+O Z_{-} T_{-} Z-T$
Ans

1. ZTEOE
X2.tezoz
X 3.0 etzt
X4.eztoe

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Q. 18 The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded?


Ans


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Q. 19 Select the option that is embedded in the given figure (rotation is NOT allowed).


Ans
$\checkmark 1$.


Q. 20 In a certain code language, ENVELOPE is written as IQZHPRTH. How will INTIMATE be written in that language?

Ans

- 1. MQXLQDXH

X 2. KPVKOCVG
X 3. NRYMREYI
X4.LPWPCWG
Q. 21 Three different positions of the same dice are shown. Select the letter that will be on the face opposite to the face having the letter E .


Ans
X1. A
2. F

X3. C
X4. D

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Q. 22 Select the option in which the numbers share the same relationship as that shared by the given pair of numbers.

12: 20
Ans

1. $30: 42$

X2.42:57
X 3.24:36
(4.18:28
Q. 23 Select the option that is related to the third term in the same way as the second term is related to the first term.

QUORATE : AEOQRTU :: SANDBOX : ?
Ans

1. ASDNOBX

X 2. DNASXOB
3. ABDNOSX

X4.BOXSAND
Q. 24 Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Expanse
2. Expansive
3. Expandable
4. Expansion
5. Expanded

Ans
X 1. 1-2-5-3-4
2. 3-5-1-4-2
< 3. 3-2-1-5-4
< $4.5-3-1-2-4$

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Q. 25 Select the correct mirror image of the given figure when the mirror is placed at the right side.


Ans


