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Reasoning Questions for CLAT

CLAT Reasoning Quiz 4

Directions: Read the following questions carefully and choose right answers.

1. In this question select the related words/letters/numbers from the given alternatives.

BEHK : LORU : : CFIL : ?

A. GPSQ  B. MPSV
C. LORU  D. MSPV

2. In this question choose that set of numbers from the four alternative sets which is similar to the given set.

(9, 13, 22)

A. (12, 14, 20)  B. (11, 15, 24)
C. (25, 29, 39)  D. (7, 16, 32)

3. Looking at a picture of a boy, Hemant said, “His mother is the wife of my father’s son. Brothers and sisters I have none.” At whose picture was Hemant looking?

A. His son  B. His cousin
C. His uncle  D. His nephew

4. In this question, find the odd number from the given alternatives.

A. 1593  B. 2736
C. 2010  D. 1987

5. In this question a series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

C J P ? Y B

A. W  B. U
C. R  D. T
6. Arrange the given words in a meaningful order and select the option indicating the correct order.


A. 2, 3, 1, 4, 5  B. 2, 3, 4, 1, 5
C. 4, 3, 1, 2, 5  D. 5, 1, 4, 3, 2

7. Statements:

No apple is a plum.

All plums are oranges.

All oranges are mangoes.

Conclusions:

I. All plums are mangoes.
II. At least some mangoes are oranges.

A. Neither I nor II follows  B. Only I follows
C. Either I or II follows  D. Only II follows

8. Statement:

No month is a year.

Some years are weeks.

Conclusion:

I. No weeks is a year.
II. Some weeks are years.

A. Conclusion I follows.  B. Conclusion II follows.
C. Either conclusion I or conclusion II follows.
D. Both conclusion I and conclusion II follow.
9. If in a code language SPORT is written as QRMTR, then how is LOGIC written in that code language?

A. NQEKF   B. JQEKA
C. AKEQJ   D. JMEGA

10. Madhuri travels 14 km Westwards and then turns left and travels 6 km and further turns left and travels 26 km. How far is Madhuri now from the starting point?

A. $\sqrt{180}$ km   B. $\sqrt{80}$ km
C. $\sqrt{100}$ km   D. None of these
Correct answers:

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Explanations:

1.

\[
\begin{array}{ccccc}
B & E & H & K \\
+10 \downarrow & +10 \downarrow & +10 \downarrow & +10 \downarrow \\
L & O & R & U \\
\end{array}
\]

Similarly,

\[
\begin{array}{ccccc}
C & F & I & L \\
+10 \downarrow & +10 \downarrow & +10 \downarrow & +10 \downarrow \\
M & P & S & V \\
\end{array}
\]

Hence, option B is correct.

2.

First number + \(2^2\) = Second number

Second number + \(3^2\) = Third number

\[9 + 2^2 = 9 + 4 = 13\] (second number)

\[13 + 3^2 = 13 + 9 = 22\] (third number)

Similarly, \(11 + 2^2 = 11 + 4 = 15\) (second number)

\[15 + 3^2 = 15 + 9 = 24\] (third number)

Hence, option B is correct.
3.

Since Hemant has no brother or sister, so he is his father’s only son.

So, wife of Hemant’s father’s son — Hemant’s wife.

Thus, Hemant’s wife is the boy’s mother or the boy is Hemant’s son.

Hence, the option A is correct.

4.

Rest are divisible by 3.

Hence, option D is correct.

5.

Clearly, illness occurs first, One then goes to a doctor and after consultation with him, undergoes treatment to finally attain recovery. Thus option A is correct.
7.

**Statements:**

No apple is a plum.

All plums are oranges.

All oranges are mangoes.

**Conclusions:**

I. All plums are mangoes.

II. At least some mangoes are oranges.

All plums are oranges (A) + All oranges are mangoes (A) = A + A = All plums are mangoes. Hence, conclusion I follows.

All oranges are mangoes – converse – Some mangoes are oranges. Hence, conclusion II follows.

Hence option D is correct.

8.

No month is a year (E) + Some years are weeks (I) = E + I = O = Some weeks are not month.

But the above-mentioned conclusion is not there in the given conclusions.

Checking for conversion we get ‘Some weeks are years.’ as the converse of statement II. Hence, only conclusion II follows.

Hence, option B is correct.
9.

```
S  P  O  R  T
-2 ↓+2 ↓-2 ↓+2 ↓-2 ↓
Q  R  M  T  R
```

Similarly,

```
L  O  G  I  C
-2 ↓+2 ↓-2 ↓+2 ↓-2 ↓
J  Q  E  K  A
```

10.

By the Pythagoras, \( AB = AC^2 + BC^2 = 6^2 + 12^2 = 180 \) km.

Hence, option A is correct.
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