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## CLAT REASONING QUIZ 36

1. Find the odd word from the given alternatives.
A. Scooter
B. Bike
C. Moped
D. Auto
2. Find the missing term in the given series.

LO, IL, FI, CF, ?
A. ZC
B. ZA
C. CC
D. $A A$
3. Select the related words from the given alternatives. ACFJ: ZXUQ : : EGIN : ?
A. VUSQ
B. VRPM
C. UTRP
D. VTRM
4. If FERTILE is coded as FMJUSFG, then PRINT would be coded as
A. UOJDP
B. UOJSQ
C. USJMQ
D. QSJOU
5. Pointing towards a person in a photograph, Aruna said, "He is the only son of the father of my sister's brother". How is that person related to Aruna?
A. Father
B. Uncle
C. Grandfather
D. Father in law
6. A starts from his office and walks 3 km towards North. He then turns right and walks 2 km and then turns right and walks 5 km. He then turns right and walks 2 km and then again turns right and walks 1.5 km . In which direction is he from the starting point?
A. North
B. South
C. East
D. West
7. At what time between $30^{\prime}$ clock and $40^{\prime}$ clock, will the minute - hand and the hour - hand of a clock coincide with each other?
A. $15 \frac{3}{11} \mathrm{~min}$.
B. $16 \frac{4}{11} \mathrm{~min}$.
C. $15 \frac{7}{5} \mathrm{~min}$.
D. $16 \frac{9}{5} \mathrm{~min}$.
8. What day of the week was 16th July, 1776?
A. Monday
B. Tuesday
C. Wednesday
D. Friday
9. In a class, Krishna is ranked 8th from the top and 48th from the bottom. How many students are there in his class?
A. 40
B. 55
C. 60
D. 45
10. Six students are sitting in a row. $K$ is sitting exactly between $V$ and $R . V$ is sitting next to $M$. $M$ is sitting next to $B$, who is sitting on the extreme left end and $Q$ is sitting next to $R$. Who are the neighbours of V ?
A. BM
B. $K R$
C. MK
D. $B Q$

## Correct answers：

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D | A | D | B | A | B | B | B | B | C |

## Explanations：

1. 

Auto is a 3 －wheeler whereas the other three are 2 －wheelers．
Hence，option D is correct．
2.

## Pattern of the series is：




Hence，option A is correct．
3.

ACFJ
れてされ
Z X U Q
Complementary pairs i．e．sum of their position number is 27
E G IN
され $\downarrow \downarrow$
VTRM
Hence，option D is correct．
4.

The letters in the word is reversed and each letter is then coded as next letter.


Hence, option B is correct

## 5.

The person is the brother of Aruna as he is the only son of Aruna's father.
Hence, option A is correct.
6.

The movement is


So, we can clearly observe from the above figure that he is in the South of starting point.

Hence, option B is correct.
7.

When the two hands of a clock coincide with each other, the angle between them is $0^{\circ}$.
$\Theta=\frac{11}{2} m-30 h$

Here,
$\Theta=0^{\circ}$ and $h=3$
$\Theta=\frac{11}{2} m-30 h$
$\therefore \frac{11}{2} \mathrm{~m}=30 \times 3$
$\therefore \mathrm{m}=\frac{90 \times 2}{11}=16 \frac{4}{11} \mathrm{~min}$.
Therefore, the two hands of the clock will coincide at $164 / 11 \mathrm{~min}$. past 3.
Hence, option B is correct.
8.

16th July, 1776 means
(1775 years +6 months +16 days)
Now, 1600 years have 0 odd days.
100 years have 5 odd days.
75 years contain 18 Leap and 57 Ordinary years and therefore, $(36+57)$ or 93 or 2 odd days.
$\therefore 1775$ years give $0+5+2=7$ and so, 0 odd days.

Also number of days from 1st Jan, 1776 to 16th July, 1776

Jan. Feb. Mar. Apr. May Jun. Jul.
$31+29+31+30+31+30+16$
$=198$ days $=28$ weeks +2 days $=2$ odd days.
$\therefore$ Total number of odd days $=0+2=2$.

Hence, $16^{\text {th }}$ July, 1776 was Tuesday

Hence, option B is correct.
9.

Using the formula $T=R_{T}+R_{B}-1$, we get $T=8+48-1=55$.

Hence, there are 55 students in Krishna's class.

Hence, option B is correct.
10.

By arranging the given information, we get:

Six students are sitting in a row.
$K$ is sitting exactly between $V$ and $R$.

V K R

V is sitting next to M .
$\mathrm{M} \underline{\mathrm{V}} \underline{\mathrm{K}} \mathrm{R}$
$M$ is sitting next to $B$, who is sitting on the extreme left end

B $\underline{M} \underline{V} \underline{K}$

And $Q$ is sitting next to $R$.
$\underline{B} \underline{M} \underline{\mathrm{~V}} \underline{\mathrm{R}} \underline{\mathrm{Q}}$

Who are the neighbours of V?

So, V is sitting between M and K .

Hence, option C is correct.



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