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## Logical Reasoning Questions for CLAT Exam.

CLAT Reasoning Quiz 40

Directions: Read the questions carefully and choose the right answer.

1. Find the odd one out which does not share that common characteristic with the other three.
A. Child
B. Parent
C. Spouse
D. Sister
2. Find the missing term in each of the following series.
$A Z, Y B, C X, W D$, ?
A. VE
B. UE
C. EU
D. EV
3. In the following question select the related word from the given alternatives. Square : Cube : : Circle : ?
A. Ellipse
B. Parabola
C. Cone
D. Sphere
4. If TRIANGLE is coded as SSHBMHKF, then SQUARE would be coded as
A. RRIASF
B. RPVBSF
C. RRTBQF
D. RPVBSD
5. $\quad R$ told $S$ that $U$ is $T$ 's sibling but not brother of $T$. How is $U$ related to $T$ ?
A. Mother
B. Father
C. Aunt
D. Sister
6. After his office in the afternoon a man goes facing the sun. Then he turns to his right, then he turns to his left and then turns to his left and then to his right. In which direction is he moving?
A. East
B. West
C. North
D. south
7. A watch, which gains uniformally, was observed to be 5 minutes slow at $10 \mathrm{a} . \mathrm{m}$. on a Tuesday. On the next day at 11 a.m., it was noticed that the watch was 5 minutes fast. When did the watch show the correct time?
A. 10:25 p.m.
B. $10: 45$ p.m.
C. $10: 30$ p.m.
D. $10: 15$ p.m.
8. February 20, 1999 was a Saturday. What day of the week was December 30, 1997?
A. Monday
B. Tuesday
C. Thursday
D. Saturday
9. In a row of girls, if $P$ who is 10 th from the left and $Q$ who is 9 th from the right, interchange their positions, $P$ becomes 15th from the left. How many girls are there in the row?
A. 20
B. 22
C. 26
D. 23
10. Six friends - P, $Q, R, S, T$ and $U$ - are sitting at a hexagonal table each at one corner and are facing the center of the hexagonal. $P$ is second to the left of $U$. $Q$ is neighbour of $R$ and $S$. $T$ is second to the left of $S$.

Which one is sitting opposite to P?
A. R
B. $Q$
C. T
D. S

## Correct Answers:

| $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{3}$ | $\mathbf{4}$ | $\mathbf{5}$ | $\mathbf{6}$ | $\mathbf{7}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{1 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| D | D | D | C | D | B | C | B | D | D |

## Explanations :

1. 'Sister is a gender specific relation, whereas in the other three relations, gender is neutral.

Hence, option D is correct.
2. $A Z(126), Y B(252), C X(324), W D(23,4)$

It is clearly evident that one series is increasing by 1 and other is decreasing by 1 but in a specific order. Hence the next term of the series would be (522) or EV.

Hence, option D is correct.
3. Square $\rightarrow 2$ demension

Cube $\rightarrow 3$ demension
Circle $\rightarrow 2$ demension
Sphere $\rightarrow 3$ demension
Hence, option D is correct.
4. Each other in odd place is coded as preceding letter and that in even place is coded as next letter.

So,
$S \xrightarrow{-1} R$
$Q \xrightarrow{+1} R$
$\mathrm{U} \xrightarrow{-1} \mathrm{~T}$
$A \xrightarrow{+1} B$
$R \xrightarrow{-1} \mathrm{Q}$
$E \xrightarrow{+1} F$
Hence, option C is correct.
5. $R$ told $S$ that $U$ is $T$ 's sibling but not brother of $T$.

If $U$ is T's sibling but not brother it mean $U$ is T's sister.
Hence, option D is correct.
6. The movement is like


So, direction in which he is moving is west.

Hence, option B is correct.
7. Total hours from 10 a.m. Tuesday to 11 a.m. on the next day $=25$ hours The watch gains $(5+5)=10$ minutes in 25 hours.

The watch gains in 5 min . in
$\left(\frac{25}{10} \times 5\right)=\frac{125}{10} \mathrm{hrs} .=12 \frac{1}{2} \mathrm{hrs}$.
$=12 \frac{1}{2}$ hours from 10 a.m. Tuesday
= 10 : $30 \mathrm{p} . \mathrm{m}$. Tuesday.
Hence, option C is correct.
8. The year during this interval was 1998 and it was not a leap year. Now, we calculate the number of odd days in 1999 up to February 19 :

January 1999 gives 3 odd days
19 February 1999 gives 5 odd days
1998, being an ordinary year gives 1 odd day
$\therefore$ Total number of odd days $=3+5+1+2=11$ days $=4$ odd days.
Therefore, December 30, 1997 was 4 days before Saturday i.e. a Tuesday
Hence, option B is correct.
9.


Case 2:

from left from left

Total girls $=15+8=23$
Hence, option D is correct. $\qquad$
$\square$
$\square$
10.

$S$ is sitting opposite to $P$.
Hence, option D is correct


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