



CLAT 2020

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Seating Arrangement Questions for CLAT Exam

CLAT Reasoning Quiz 17

Directions: Study the following information carefully and answer the questions given beside.

Twelve persons A, B, C, D, E, F, U, V, W, X, Y and Z are sitting in two parallel rows. A, B, C, D, E and F are sitting in row-1 facing south direction and U, V, W, X, Y and Z are sitting in row-2 facing north direction in such a way that each person sitting in row-1 faces the person sitting in row-2.

Only one person sits between U and W who is sitting at the extreme left end of the row. B, who is sitting at the extreme left end, sits second to the left of A. C faces the one who is an immediate neighbour of U. V faces D. E, who sits at one of the extreme ends of the row sits third to the right of the one who faces Z. X faces the one who sits second to the left A.

1. Who among the following faces C?

- A. W B. X C. Y D. Z

2. Who among the following faces Z?

- A. A B. B C. E D. F

3. If the names of all the persons sitting in second row are to be arranged in alphabetical order (starting from right end of second row) then who among the following will face F?

- A. W B. U C. Y D. X

4. Who among the following sits third to the right of the one, who is facing the one, who is second to the left of E?

- A. U B. V C. X D. Z

5. Who among the following faces the immediate neighbour of W?

- A. A B. D C. F D. C



Correct Answers:

1	2	3	4	5
C	A	D	C	D

Common Explanations:

Reference:

Twelve persons A, B, C, D, E, F, V, W, X, Y, Z and U are sitting in two parallel rows. A, B, C, D, E and F are sitting in row-1 facing south direction and V, W, X, Y, Z, U are sitting in row-2 facing north direction in such a way that each person sitting in row-1 faces the person sitting in row-2.

Inference:

We will keep this information in mind while solving the puzzle.

Reference:

Only one person sits between U and W, who is sitting at the extreme left end of the row. B, who is sitting at the extreme left end with respect to his row, sits second to the left of A.

X faces the one who sits second to the left A.

Inference:

Using the given hints we can fix the positions of A, B, W, U and X in their respective rows.

Row-1 Facing South				A		B
	← Right End					Left end →
Row-2 Facing North	W		U			X
	← Left End					Right End →

Reference:

C faces the one who is an immediate neighbour of U.

V faces D.

E, who sits at one of the extreme ends of the row sits third to the right of the one who faces Z.

Inference:

Using the given hints the above figure can be redrawn as:

Row-1						
Facing South	E	C		A	D	B
	← Right End			Left end →		

Row-2						
Facing North	W		U	Z	V	X
	← Left End			Right End →		

At this point we can easily fix the positions of Y and F in their respective rows as well.

Row-1						
Facing South	E	C	F	A	D	B
	← Right End			Left end →		
Row-2						
Facing North	W	Y	U	Z	V	X
	← Left End			Right End →		

Answers:

1. Following the final solution we can say that Y faces C.
Hence, the correct answer is option C.
2. Following the final solution we can say that A faces Z.
Hence, the correct answer is option A.
3. Following the final solution we can say that if the names of all the persons sitting in second row are to be arranged in alphabetical order (starting from right end of second row) then X will face F.

Hence, the correct answer is option D.

On arranging the names of second row in alphabetical order

Row-1 Facing South	E	C	F	A	D	B
← Right End						Left end →
Row-2 Facing North	Z	Y	X	W	V	U
← Left End						Right End →

4. Following the final solution we can say that X is sitting third to the right of one, who is facing the one, who is second to the left of E.
5. Following the final solution we can say that C faces the immediate neighbour of W.

Hence, the correct answer is option D.



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