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Seating Arrangement Questions for IBPS PO Pre, RRB Scale I Pre, SBI PO Pre, Syndicate Bank PO, Canara Bank PO, SBI Clerk Mains and IBPS Clerk Mains Exams.

Set No 115

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

Certain number of persons sitting in a linear row and all of them are facing in north direction. Only ten persons sit to the left of E. F sits eight to the left of E. The person A sits fourth to the right of B. C sits to the immediate left of D. D sits third from the extreme right end of the row. Number of person sit between E and D is same as B and E. Only six people sit between A and C.

1. How many seats are there in the linear row?

- A. 21 B. 23 C. 17 D. 19 E. None of these

2. What is the position of C with respect to E?

- A. Third to the right B. Seventh to the left C. Ninth to the left D. Fifth to the right E. None of these

3. How many seats are there between A and E?

- A. None B. Only 1 C. Only 2 D. Only 3 E. None of these

4. Four of the following five are alike in a certain way and thus form a group. Which of the following does not belong to the group?

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

5. How many seats are there to the left of B?

- A. Three B. Two C. Four D. Six E. Seven

Correct Answers:

1	2	3	4	5
D	D	B	E	C

Common Explanations:

References:

D sits third from the extreme right end of the row.

C sits to the immediate left of D

Only six people sit between A and C.

The person A sits fourth to the right of B.

Inferences:

From above statements,

We don't know the number of seats in a linear row. So we will solve based on the above hints.

Let the seat at extreme right end be 1 and its immediate left is 2 and so on in increasing order till left end.

D sits 3rd seat from right end (reference point-1)

C sits at 4th seat i.e. immediate left of D (reference point-2)

The person A sits at 11 seat i.e. six people sit between A and C (reference point-3)

B sits at 15th seat i.e. A sits fourth to the right of B (reference point-4)

By using above information we get the following seating as shown below,

Person (North)					B				A							C	D		
Seat Number	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

References:

Number of person sit between E and D is same as B and E.

Only ten persons sit to the left of E.

F sits eight to the left of E.

Inferences:

From above statements,

If we observe the seating there are 11 seats in between B and C.

As per 1st reference point, E sits in the middle of B and D. Therefore E sits at 9th seat i.e. 5 people sit to the right of E and 5 people sit to the left of E.

Given, only ten persons sit to the left of E. Therefore we conclude that there are 19 seats in the linear row.

Finally, F sits at 17th seat i.e. F sits 8th to the left of E (reference point-3)

All conditions get satisfied and we get the completed seating [19 seats] as shown below,

Person (North)			F		B				A		E					C	D		
Seat Number	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1

Answers :

1. Following the common explanations, we get "19 seats are there in the linear row".
Hence, option D is correct.
2. Following the common explanations, we get "C sits 5th to the right of E".
Hence, option D is correct.
3. Following the final arrangement, it's clear that there is only one seat between A and E.
Option B is hence the correct answer.
4. Following the final arrangement, it's clear that only C sits on even numbered seat.
Remaining people sits on odd numbered seat.
Option E is hence the correct answer.
5. Following the final arrangement, it's clear that there are Four seat to the left of B.
Option C is hence the correct answer.



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