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Seating Arrangement Questions for SBI PO Pre, IBPS PO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Set No 105

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

Some persons are sitting in a row facing north. Hina sits second to right of Mera. Desh sits fifth to left of Fany. Pinu is second to right of Rani. Hina and Asha have three persons between them. Desh and Rani have two persons between them. No one sits between Asha and Fany. Number of persons towards right of Asha is one less than the number of persons sitting between Pinu and Asha. Number of persons towards left of Rani is equal to the number of persons sitting between Fany and Hina.

1. How many persons were sitting in the row?

A. 17 B. 20 C. 16 D. 19 E. 22

2. How many persons were sitting between Pinu and Asha?

A. Three B. Five C. Seven D. Eight E. Six

3. What is the position of Fany with respect to Hina?

A. Third to the left B. Fourth to the left C. Fifth to the left D. Sixth to the left E. Can't be determined

4. What is the total number of persons that were sitting on the right of Hina and on the left of Rani?

A. 5 B. 8 C. 10 D. 11 E. Can't be determined

5. If Riya is sitting in the middle of the row then how many persons were sitting between Riya and Rani?

A. 5 B. 7 C. 6 D. 8 E. 4

Correct Answers:

1	2	3	4	5
D	E	C	A	E

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Common Explanations:

Reference:

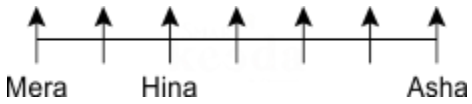
Hina sits second to right of Mera.

Hina and Asha have three persons between them.

Inference:

Here, we have two possible scenarios in which above hints can be used accordingly.

Case 1:



Case 2:

Reference:

No one sits between Asha and Fany.

Desh sits fifth to left of Fany.

Inference:

At this point, we cannot fix the position of Desh and Fany according to the above hints in case 1 so we can say that **Case 1 is an invalid case**.

Here, we have two possible scenarios in which above hints can be used in case 2 accordingly.

Case 2-A:

Case 2-B:

Reference:

Desh and Rani have two persons between them.

Pinu is second to right of Rani.

Inference:

After using the above hints, we have:

If we fix the position of Rani on the right of Desh then we won't be able to fix the position of Pinu second to the right of Rani. Then,

Case 2-A:

Case 2-B:

Reference:

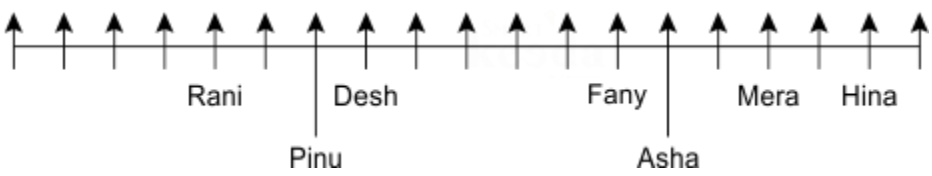
Number of persons towards right of Asha is one less than the number of persons sitting between Pinu and Asha.

Number of persons towards left of Rani is equal to the number of persons sitting between Fany and Hina.

Inference:

At this point we can see that our case 2-B is contradicting with the above hints so we can say that **case 2-B is an invalid case**.

Case 2-A:



Answers :

1. Following the final solution, we can say that 19 persons were sitting in the row.

Hence, the correct answer is option **D**.

2. Following the final solution, we can say that six persons were sitting between Pinu and Asha.

Hence, the correct answer is option **E**.

3. Following the final solution, we can say that Fany was fifth to the left of Hina.

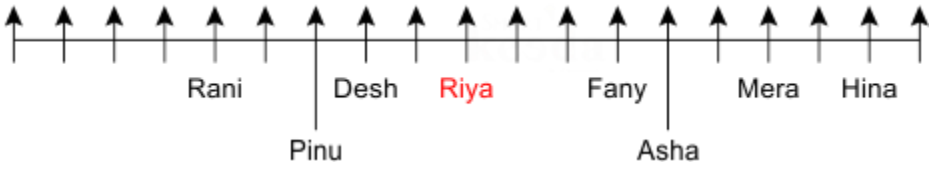
Hence, the correct answer is option **C**.

4. Following the final solution, we can say that number of persons that were sitting on the right of Hina and on the left of Rani were 1 and 4 respectively.

Required Sum = 1 + 4 **= 5**

Hence, the correct answer is option **A**.

5. Following the final solution and applying the given conditions, we have:



Here, four persons are sitting between Riya and Rani.

Hence, the correct answer is option **E**.

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