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Seating Arrangement Questions for IBPS Clerk Pre, LIC Asst., SBI Clerk Pre, and RRB Asst. Pre Exams.

Set No 59

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

Eight friends namely - Akansha, Babita, Cheena, Diksha, Eshan, Farhan, Gopal and Piyush are sitting in a straight line equidistant from each other (but not necessary in the same order). Some of them are facing north while some are facing south. (Note: Facing the same direction means if one is facing north then the other is also facing north and if one is facing south then the other is also facing south. Facing the opposite directions means if one is facing north then the other is facing south and vice versa.)

Farhan sits third to the right of Akansha. Farhan sits at one of the extreme ends. Eshan sits third to the left of Akansha. Both the immediate neighbours of Cheena face north. Gopal is not an immediate neighbour of Akansha. The persons sitting at the extreme ends face the same direction. Both the immediate neighbours of Akansha face the direction opposite that of Farhan. Both the immediate neighbours of Piyush face opposite directions. Diksha is one of the immediate neighbours of Eshan and is facing north. Babita sits exactly between Cheena and Farhan. Not more than four persons are facing north. Eshan sits on the immediate right of Diksha.

1. Who among the following sits third to the left of Gopal?

- A. Diksha B. Cheena C. Akansha D. Babita E. None of these

2. Which of the following pairs are the immediate neighbours of Eshan?

- A. Farhan and Diksha B. Diksha and Piyush C. Diksha and Gopal D. Diksha and Akansha E. None of these

3. How many persons are sitting between Babita and Piyush?

- A. Three B. Four C. One D. Two E. None of these

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

- A. Gopal B. Eshan C. Piyush D. Cheena E. Diksha

5. Who among the following sits fourth to the right of Cheena?

- A. Gopal B. Babita C. Akansha D. Eshan E. None of these

Correct Answers:

1	2	3	4	5
B	C	D	E	D

Common Explanations:

Reference:

Farhan sits third to the right of Akansha.

Farhan sits at one of the extreme ends.

Eshan sits third to the left of Akansha.

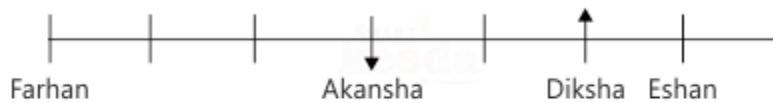
Eshan sits on the immediate right of Diksha.

Diksha is one of the immediate neighbours of Eshan and is facing north.

Inference:

Following the above 5 reference points, we can come up with two cases of the seating arrangement. In case I, Farhan is sitting at the extreme left end and in case II, he is sitting at the extreme right end of the row.

Case I:



Case II:



Reference:

Babita sits exactly between Cheena and Farhan.

Gopal is not an immediate neighbour of Akansha.

Inference:

With the help of above two reference points, we can fix the position of Cheena, Babita and Gopal as depicted in the images below. And it also gets clear that it's Piyush who will be sitting at the place left vacant in the arrangements.

Case I:



Case II:



References:

The persons sitting at the extreme ends face the same direction.
Both the immediate neighbours of Cheena face north.
Not more than four persons are facing north.

Inference:

Observing both the cases carefully, we can infer that in case I we won't be able to fix directions of persons because of the unavailability of links. However, in case II we can come up with a proper seating arrangement following the references one by one as discussed below:

Reference:

The persons sitting at the extreme ends face the same direction.

Inference:

This confirms that Farhan is facing north as Diksha is also facing north.

Reference:

Both the immediate neighbours of Cheena face north.

Inference:

Evidently, Babita is also facing north as Akansha is also facing the north direction.

Reference:

Not more than four persons are facing north.

Inference:

Now, when all Farhan, Babita, Akansha and Diksha are facing north, rest of the 4 persons must be facing south direction.

We thus get the final seating arrangement as:

Case II:



And, the chart gets done.

Answers :

1. Following the common explanation, we get
Cheena sits third to the left of Gopal.
Option B, is hence the correct answer
2. Following the common explanation, we get
Diksha and Gopal are the immediate neighbours of Eshan.
Option C, is hence the correct answer.
3. Following the common explanation, we get
Two persons are sitting between Babita and Piyush.
Option D, is hence the correct answer.
4. Following the common explanation, we get
Only Diksha is facing north so is different from the group.
Option E, is hence the correct answer.
5. Following the common explanation, we get
Eshan sits fourth to the right of Cheena.
Option D, is hence the correct answer.

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