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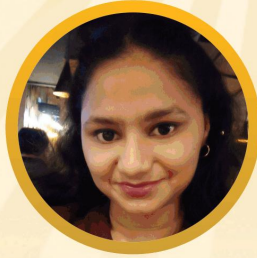
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Puzzle Test Questions for IBPS Clerk Pre, LIC Asst., SBI Clerk Pre and RRB Asst. Pre Exams.

Set No 69

Directions: Read the given information carefully and answer the questions given beside:

Eight people Aarush, Bindu, Chunnu, Divya, Etti, Prithvi, Gopal and Harish live in an eight storey building, but not necessarily in the same order. The lowermost floor is numbered 1 and the topmost floor is numbered 8.

Aarush lives on an even-numbered floor but not on the floor numbered second or fourth. Only three floors are there between Aarush and Bindu. Only two people live between Chunnu and Etti. Prithvi lives on a floor above Divya. There are equal numbers of floors between the floors on which Etti and Bindu live and between the floors on which Aarush and Etti live. Harish lives immediately below Divya's floor. Gopal lives immediately below Aarush's floor.

1. Prithvi lives on which of the following floors?

- A. Third B. Fifth C. Sixth D. Second E. None of these

2. How many floors are there between Bindu and Divya?

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

3. Who among the following lives on the first floor?

- A. Harish B. Chunnu C. Prithvi D. Etti E. None of these

4. Who among the following lives on the seventh floor?

- A. Etti B. Prithvi C. Gopal D. Chunnu E. None of these

5. Which of the following statements is/are true?

- A. Aarush lives on the sixth floor. B. Divya lives on the topmost floor.
C. There are two people between Prithvi and Chunnu. D. Harish lives just above Aarush.
E. Chunnu lives on the third floor.

Correct Answers:

| | | | | |
|----------|----------|----------|----------|----------|
| 1 | 2 | 3 | 4 | 5 |
| B | B | A | C | E |

Common explanation:

Reference:

Aarush lives on an even-numbered floor but not on the floor numbered second or fourth.

Only three floors are there between Aarush and Bindu.

Gopal lives immediately below Aarush's floor.

Inference:

| Floor Number | Case 1 | Case 2 | Hint |
|--------------|--------|--------|------------|
| | Person | Person | |
| 8 | | Aarush | |
| 7 | | Gopal | |
| 6 | Aarush | | |
| 5 | Gopal | | |
| 4 | | Bindu | Aarush - × |
| 3 | | | |
| 2 | Bindu | | Aarush - × |
| 1 | | | |

Reference:

There are equal numbers of floors between the floors on which Etti and Bindu live and between the floors on which Aarush and Etti live.

Only two people live between Chunnu and Etti.

Inference:

Here, Case 1 splits into two more cases:

| Floor Number | Case 1A | Case 1B | Case 2 | Hint |
|--------------|---------|---------|--------|------|
| | Person | Person | Person | |
| 8 | | | Aarush | |
| 7 | Chunnu | | Gopal | |
| 6 | Aarush | Aarush | Etti | |
| 5 | Gopal | Gopal | | |
| 4 | Etti | Etti | Bindu | |
| 3 | | | Chunnu | |
| 2 | Bindu | Bindu | | |
| 1 | | Chunnu | | |

Reference:

Harish lives immediately below Divya's floor.

Prithvi lives on a floor above Divya.

Inference:

| Floor Number | Case 1A | Case 1B | Case 2 | Hint |
|--------------|---------|---------|--------|------|
| | Person | Person | Person | |
| 8 | | | Aarush | |
| 7 | Chunnu | | Gopal | |
| 6 | Aarush | Aarush | Etti | |
| 5 | Gopal | Gopal | | |
| 4 | Etti | Etti | Bindu | |
| 3 | | | Chunnu | |
| 2 | Bindu | Bindu | | |
| 1 | | Chunnu | | |

Case 1 A fails here as there is no such place to accomodate Harish and Divya.

| Floor Number | Case 1B | Case 2 |
|--------------|---------|--------|
| | Person | Person |
| 8 | Divya | Aarush |
| 7 | Harish | Gopal |
| 6 | Aarush | Etti |
| 5 | Gopal | |
| 4 | Etti | Bindu |
| 3 | | Chunnu |
| 2 | Bindu | Divya |
| 1 | Chunnu | Harish |

Case 1 B fails here as it violates the second condition where Prithvi lives on the floor above Divya. Thus, we get case 2 as our final arrangement.

| Floor Number | Case 2 |
|--------------|---------|
| | Person |
| 8 | Aarush |
| 7 | Gopal |
| 6 | Etti |
| 5 | Prithvi |
| 4 | Bindu |
| 3 | Chunnu |
| 2 | Divya |
| 1 | Harish |

Answers :

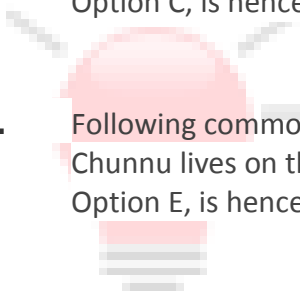
1. Following common explanation, we get Prithvi lives on fifth floor.
Option B, is hence the correct answer.

2. Following common explanation, we get There is only one floor between Bindu and Divya.
Option B, is hence the correct answer.

3. Following common explanation, we get Harish Lives on the first floor.
Option A, is hence the correct answer.

4. Following common explanation, we get Gopal lives on the seventh floor.
Option C, is hence the correct answer.

5. Following common explanation, we get Chunnu lives on the third floor - is the only true statement.
Option E, is hence the correct answer.



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