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Puzzle Test Questions for SBI PO Pre, IBPS PO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Set No 112

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

Seven persons – Rama, Bony, Joya, Kaur, Gopi, Aman and Sonu lives on seven different floors in the same building. The building has seven floors from 1 to 7 in such a way that ground floor is numbered 1, and the above floor is numbered 2, and so on.

Number of floors between Kaur and Bony are twice the number of floors between Bony and Sonu. Aman lives on an even numbered floor below Bony. Numbers of floors above Sonu are same as numbers of floors below Joya. Number of floors above and below Gopi are same. Kaur lives at the gap of one floor from Gopi.

1. How many floor(s) was/were there between Kaur and Aman?

- A. None B. One C. Two D. Three E. More than three

2. Who among the following lives at the gap of two floors from Aman?

- A. Only Kaur B. Only Rama C. Both Kaur and Bony D. Both Rama and Sonu
E. None of these

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

- A. Rama B. Aman C. Gopi D. Sonu E. None of these

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

- A. Joya B. Sonu C. Bony D. Rama E. Gopi

5. How many floors are there above Sonu?

- A. 4 B. 3 C. 6 D. 7 E. 1

Correct Answers:

| 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| D | B | E | E | D |

Common explanation:

Reference:

Seven persons – Rama, Bony, Joya, Kaur, Gopi, Aman and Sonu lives on seven different floors in the same building. The building has seven floors from 1 to 7 in such a way that ground floor is numbered 1, the above floor is numbered 2 and so on.

Inference:

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

Reference:

Number of floors above and below Gopi are same.

Kaur lives at the gap of one floor from Gopi.

Inference:

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

Case 1:

| Floor | Person |
|-------|--------|
| 7 | |
| 6 | |
| 5 | |
| 4 | Gopi |
| 3 | |
| 2 | Kaur |
| 1 | |

Case 2:

| Floor | Person |
|-------|--------|
| 7 | |
| 6 | Kaur |
| 5 | |
| 4 | Gopi |
| 3 | |
| 2 | |
| 1 | |

Reference:

Number of floors between Kaur and Bony are twice the number of floors between Bony and Sonu.

Inference:

After using the above hints, we have:

Case 1:

| Floor | Person |
|-------|--------|
| 7 | Sonu |
| 6 | |
| 5 | Bony |
| 4 | Gopi |
| 3 | |
| 2 | Kaur |
| 1 | |

Case 2:

| Floor | Person |
|-------|--------|
| 7 | |
| 6 | Kaur |
| 5 | |
| 4 | Gopi |
| 3 | Bony |
| 2 | |
| 1 | Sonu |

Reference:

Aman lives on an even numbered floor below Bony.

Numbers of floors above Sonu are same as numbers of floors below Joya.

Inference:

At this point we cannot fix the position of Aman according to the given hints in case 1. So, we can say that **case 1 is an invalid case.**

Case 2:

| Floor | Person |
|-------|--------|
| 7 | Joya |
| 6 | Kaur |
| 5 | |
| 4 | Gopi |
| 3 | Bony |
| 2 | Aman |
| 1 | Sonu |

At this point we can easily fix the position of Rama on floor 5 in case 2.

Case 2:

| Floor | Person |
|-------|--------|
| 7 | Joya |
| 6 | Kaur |
| 5 | Rama |
| 4 | Gopi |
| 3 | Bony |
| 2 | Aman |
| 1 | Sonu |

Answers :

1. Following the final solution we can say that there were three floors between Kaur and Aman.

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

2. Following the final solution we can say that only Rama lives at the gap of two floors from Aman.

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

3. Following the final solution we can say that Bony lives on the third floor.

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

4. The following common explanation, we get "**Gopi-Even numbered floor**".

Remaining four persons are living in odd numbered floor

Hence, option E is correct.

5. In the following common explanation it is clear that seven persons live above Sonu.

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



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