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Set No 97

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

Eight persons are living in an apartment having eight floors. First floor is numbered one; second floor is numbered two and so on till the top-most floor which is numbered eight. There are eight entrepreneurs and eight leading businessmen in the building. On each floor one entrepreneur lives with one leading businessman. The names of the eight entrepreneurs are – Mohit, Ravi, Pulkit, Praveen, Anurag, Nishant, Prashant and Rahul – not necessarily in the same order. The names of the eight businessmen are – Mahesh Kaalra, Sunil Mittal, Anil Aggarwal, Ravi Bajaj, Anand Malhotra, George Ford, Dilip Shanghvi and Anil Kaalra.

Rahul is staying on an even – numbered floor and Ravi Bajaj is staying on the first floor. There are two persons staying between the floors on which Prashant and Anurag live. Praveen is staying on the topmost floor with Anil Aggarwal. Sunil Mittal is staying on the floor exactly below the floor of Anil Kaalra but not with Pulkit. Mahesh Kaalra is staying exactly between the floors of Dilip Shanghvi and Anand Malhotra but not on the fifth floor. Prashant is staying on the third floor. Ravi is staying on an even – numbered floor and Mohit is staying on an odd – numbered floor but not on the first floor. Dilip Shanghvi is staying on the fourth floor but Ravi is not staying with him. Anand Malhotra is staying on the second floor. George Ford and Mohit are not staying on the fifth floor. Anil Kaalra is staying with Anurag on floor number sixth.

1. Name the entrepreneur who is staying on the first floor?

- A. Prashant B. Praveen C. Pulkit D. Ravi E. None of these

2. How many entrepreneurs are staying between the floors on which Mahesh Kalra and Mohit live?

- A. Nil B. Only 1 C. Only 3 D. Only 4 E. None of these

3. Find the odd one out among the following.

- A. Praveen - Anil Aggarwal B. Mohit - George Ford C. Nishant - Anil Kaalra
D. Prashant - Mahesh Kaalra E. Rahul - Dilip Shanghvi

4. Ravi is staying on which floor?

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

5. Which of the following pairs lives on the 5th floor.

- A. Pulkit-Ravi Bajaj B. Praveen-Anil Aggarwal C. Anurag-Anil Kaalra
D. Nishant-Sunil Mittal E. None of these.

Correct Answers:

| | | | | |
|----------|----------|----------|----------|----------|
| 1 | 2 | 3 | 4 | 5 |
| C | C | C | A | D |

Common explanation:**Reference:**

Praveen is staying on the topmost floor with Anil Aggarwal.

Anil Kaalra is staying with Anurag on floor number sixth.

Inference:

| Floor | Entrepreneurs | Businessman | Hint |
|-------|---------------|---------------|------|
| 8 | Praveen | Anil Aggarwal | |
| 7 | | | |
| 6 | Anurag | Anil Kaalra | |
| 5 | | | |
| 4 | | | |
| 3 | | | |
| 2 | | | |
| 1 | | | |

Reference:

Dilip Shanghvi is staying on the fourth floor but Ravi is not staying with him.

Anand Malhotra is staying on the second floor.

Inference:

| Floor | Entrepreneurs | Businessman | Hint |
|-------|---------------|----------------|----------|
| 8 | Praveen | Anil Aggarwal | |
| 7 | | | |
| 6 | Anurag | Anil Kaalra | |
| 5 | | | |
| 4 | | Dilip Shanghvi | Ravi - × |
| 3 | | | |
| 2 | | Anand Malhotra | |
| 1 | | | |

Reference:

Prashant is staying on the third floor.

Inference:

| Floor | Entrepreneurs | Businessman | Hint |
|-------|---------------|----------------|----------|
| 8 | Praveen | Anil Aggarwal | |
| 7 | | | |
| 6 | Anurag | Anil Kaalra | |
| 5 | | | |
| 4 | | Dilip Shanghvi | Ravi - × |
| 3 | Prashant | | |
| 2 | | Anand Malhotra | |
| 1 | | | |

Reference:

Mahesh Kaalra is staying exactly between the floors of Dilip Shanghvi and Anand Malhotra but not on the fifth floor.

Inference:

| Floor | Entrepreneurs | Businessman | Hint |
|-------|---------------|----------------|----------|
| 8 | Praveen | Anil Aggarwal | |
| 7 | | | |
| 6 | Anurag | Anil Kaalra | |
| 5 | | | |
| 4 | | Dilip Shanghvi | Ravi - × |
| 3 | Prashant | Mahesh Kaalra | |
| 2 | | Anand Malhotra | |
| 1 | | | |

Reference:

Sunil Mittal is staying on the floor exactly below the floor of Anil Kaalra but not with Pulkit.

George Ford and Mohit are not staying on the fifth floor.

Inference:

| Floor | Entrepreneurs | Businessman | Hint |
|-------|---------------|----------------|-----------|
| 8 | Praveen | Anil Aggarwal | |
| 7 | | | |
| 6 | Anurag | Anil Kaalra | |
| 5 | | Sunil Mittal | Mohit - × |
| 4 | | Dilip Shanghvi | Ravi - × |
| 3 | Prashant | Mahesh Kaalra | |
| 2 | | Anand Malhotra | |
| 1 | | | |

Reference:

Ravi is staying on an even – numbered floor and Ravi Bajaj is staying on the first floor.

Inference:

| Floor | Entrepreneurs | Businessman | Hint |
|-------|---------------|----------------|-----------|
| 8 | Praveen | Anil Aggarwal | |
| 7 | | | |
| 6 | Anurag | Anil Kaalra | |
| 5 | | Sunil Mittal | Mohit - × |
| 4 | | Dilip Shanghvi | Ravi - × |
| 3 | Prashant | Mahesh Kaalra | |
| 2 | Ravi | Anand Malhotra | |
| 1 | | Ravi Bajaj | |

Note: The only left businessman - George Ford must be living on the seventh floor.

| Floor | Entrepreneurs | Businessman | Hint |
|-------|---------------|----------------|-----------|
| 8 | Praveen | Anil Aggarwal | |
| 7 | | George Ford | |
| 6 | Anurag | Anil Kaalra | |
| 5 | | Sunil Mittal | Mohit - × |
| 4 | | Dilip Shanghvi | |
| 3 | Prashant | Mahesh Kaalra | |
| 2 | Ravi | Anand Malhotra | |
| 1 | | Ravi Bajaj | |

Reference:

Rahul is staying on an even numbered floor. Mohit is staying on an odd – numbered floor but not on the first floor.

Sunil Mittal is staying on the floor exactly below the floor of Anil Kaalra but not with Pulkit.

Inference:

So, Mohit must be living on the seventh floor and Pulkit on the first floor.

| Floor | Entrepreneurs | Businessman | Hint |
|-------|---------------|----------------|----------------------|
| 8 | Praveen | Anil Aggarwal | |
| 7 | Mohit | George Ford | |
| 6 | Anurag | Anil Kaalra | |
| 5 | | Sunil Mittal | Mohit - × Pulkit - × |
| 4 | Rahul | Dilip Shanghvi | |
| 3 | Prashant | Mahesh Kaalra | |
| 2 | Ravi | Anand Malhotra | |
| 1 | | Ravi Bajaj | Mohit - × |

Final table:

| Floor | Entrepreneurs | Businessman |
|-------|---------------|----------------|
| 8 | Praveen | Anil Aggarwal |
| 7 | Mohit | George Ford |
| 6 | Anurag | Anil Kaalra |
| 5 | Nishant | Sunil Mittal |
| 4 | Rahul | Dilip Shanghvi |
| 3 | Prashant | Mahesh Kaalra |
| 2 | Ravi | Anand Malhotra |
| 1 | Pulkit | Ravi Bajaj |

Answers :

1. Following the final solution we can say that

Pulkit lives on first floor.

Option C, is hence the correct answer.

2. Following the final solution we can say that Mahesh Kalra lives on 3rd floor and Mohit stays on 7th floor. Clearly, there are 3 floors in between the flats of these two.

Option C, is hence the correct answer.

3. Following the final solution we can say that

Except, **Nishant - Anil Kaalra**, all are correctly matched.

Option C, is hence the correct answer.

4. Following the final solution we can say that Ravi is staying on second floor.

Option A, is hence the correct answer.

5. Following the final solution we can say that In the following common explanation it is clear that Nishant and Sunil Mittal live on 5th floor.

Hence, option D is correct.



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