

## Puzzle Questions Overview

Puzzle Questions have a good weightage in the Ssc Cgl Exam and the type of question asked in Ssc Cgl exam is similar to the question mentioned below. It has been solved and explained by KD Live Experts under the guidance of Neetu Mam and they have tried to elaborate the concept used in Puzzle Questions.

## Question On Puzzle

Six people, A, B, C, D, E, and F are staying in a building with six floors numbered 1 to 6 from bottom to top. C lives on a floor which is a multiple of 2. F lives on a floor immediately above the one on which D lives. A and E are immediate neighbours. B lives on a floor that is not adjacent to the floor on which F lives. A lives on an even numbered floor. D lives on an odd numbered floor below C. Who lives on the 4th floor?

Difficulty : Moderate

Average Time : 50 Seconds

## Puzzle Questions Options

1. A
2. E
3. F
4. C

## Puzzle Questions Solution

The correct answer is **Option 1** i.e A.

F lives on a floor immediately above the one on which D lives. D lives on an odd numbered floor below C. C lives on a floor that is a multiple of 2.

Case I:

| Floors | People |
|--------|--------|
| 6      | C/     |
| 5      |        |
| 4      | C/     |
| 3      |        |
| 2      | F      |
| 1      | D      |

Case II:

| Floors | People |
|--------|--------|
| 6      | C      |
| 5      |        |
| 4      | F      |
| 3      | D      |
| 2      |        |
| 1      |        |

A and E are immediate neighbors. A lives on an even-numbered floor.

Case I:

| Floors | People |
|--------|--------|
| 6      | C      |
| 5      | E/     |
| 4      | A      |
| 3      | E/     |
| 2      | F      |
| 1      | D      |

Case II:

| Floors | People |
|--------|--------|
| 6      | A      |
| 5      | E      |
| 4      | C      |
| 3      |        |
| 2      | F      |
| 1      | D      |

Case III:

| Floors | People |
|--------|--------|
| 6      | C      |
| 5      |        |
| 4      | F      |
| 3      | D      |
| 2      | A      |
| 1      | E      |

B lives on a floor that is not adjacent to the floor on which F lives. Therefore, Case IB and Case II are not valid. Hence, the final arrangement:

Case III:

| Floors | People |
|--------|--------|
| 6      | C      |
| 5      | B      |
| 4      | A      |
| 3      | E      |
| 2      | F      |
| 1      | D      |

Hence, **A** lives on the 4th floor.

## Puzzle Questions Tips and Tricks



1. Try to solve Puzzle Questions without taking any help from the solutions.
2. Puzzle Questions require proper usage of concept so firstly read the question thoroughly and then use the right concept.
3. In case you're not able to solve the question in less than 30 seconds in the exam then you should skip the question and move to the next question.

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## About Neetu Mam

Neetu Mam is primarily passionate for the English language and teaching from the last 20 years however for the Puzzle Questions. She has guided her team to provide the best explanation for the question.