

Floor/ lift based puzzles

Direction (01-04): Study the following information carefully to answer the given questions.

Eight persons viz. D, E, F, G, H, I, J and K live in a building of eight different floors. The ground floor is numbered as 1st, the floor just above it is numbered as 2nd and so on till top floor which is numbered as 8th. Each person belongs to different cities of India viz. Delhi, Patna, Goa, Bhopal, Lucknow, Kolkata, Pune and Kanpur. G does not live on 8th floor. The one who belongs to Kolkata lives below from the one who belongs to Patna. The one who lives on 3rd floor belongs to Patna. There are two floors between the one who belongs to the Patna and K. D does not live on even numbered floor and lives above J, who lives on even numbered floor. There are two floors between J and E, who belongs to Kolkata. There are three floors between the one who belongs to Pune and the one who belongs to Delhi but the one who belongs to Delhi lives below the one who belongs to Pune. The one who belongs to Pune live immediately below D. I live immediately above the floor on which F lives. J belongs to Bhopal. The one who belongs to Kanpur live immediately above the floor on which D lives. G does not belong to Lucknow. E lives either on Ground floor or Top floor.

1. Who among the following lives on 3rd floor?
(A) H (B) I
(C) F (D) E
(E) D
2. How many people live between the one who belongs to Pune and H?
(A) None (B) One
(C) Two (D) Three
(E) None of these
3. Who among the following lives on 5th floor?
(A) K (B) F
(C) I (D) J
(E) G

4. Who among the following belongs to Delhi?
(A) E (B) G
(C) F (D) D
(E) K

Direction (05-09): Study the following information carefully and answer the questions given below:

Ten persons A, B, C, D, E, F, G, H, J and K lives on 10 different floors of a building. Ground floor is numbered one, the floor above it is numbered two and so on till topmost floor which is numbered ten.

B lives on an odd numbered floor but below floor number 5. Two persons live between B and A. One person live between A and D, who lives above A. There are three floors between the floor on which D lives and the floor on which C lives, who does not live on top floor. floor on which G lives is just above the floor on which H lives. K lives on ground floor. F lives on a floor which is above J but below the floor on which E lives.

5. On which among the following floors does E lives?
(A) 2nd (B) 5th
(C) 7th (D) 9th
(E) 10th
6. Who among the flowing lives on 9th floor?
(A) H (B) G
(C) E (D) A
(E) C
7. If F and J interchange their floors then who among the following lives just above J?
(A) B (B) C
(C) E (D) A
(E) D
8. Who among the following lives between A and D?
(A) F (B) G
(C) E (D) H
(E) J

9. How many persons live between the floors of A and B?
(A) one (B) two
(C) three (D) four
(E) five

Direction (10-14): Study the following information carefully and answer the questions given below:

A, B, C, D, E, F and G are the names of different girls. Each of them lives on different floors numbered from I to VII, but not necessarily in the same order. Each of them wears a skirt of a different colour, viz. Blue, Green, Yellow, Sky Blue, Purple, Red and Pink but not necessarily in the same order. B lives on floor IV but she does not wear either Purple or Sky Blue skirt. C wears Blue skirt but she does not work on floor II or VI. E lives on floor V and she wears a Red skirt. The one who wears a Green skirt lives on floor VII. D lives on floor I. G wears a pink skirt. A does not work on VII. The one who wears sky Blue skirts lives on floor II.

10. G lives on which of the following Floors?
(A) II (B) III
(C) VI (D) VII
(E) None of these
11. A wears a skirt of which of the following colours?
(A) Sky Blue (B) Blue
(C) Purple (D) Yellow
(E) None of these
12. Which of the following combinations is/are true?
(A) F - Yellow – VII (B) D – Purple - I
(C) A – Green – I (D) Both (A) and (C)
(E) None of these
13. Who among the following wears a skirt of Green colour?
(A) A
(B) F
(C) D
(D) Can't be determined
(E) None of these

14. Who among the following lives on floor II?
(A) F (B) C
(C) A (D) G
(E) None of these

Directions [15-19]: Nayna, Preeti, Varun, Meena, Tejas, Jayas and Kirti stay in a seven floored apartment (first floor to seventh floor). Each floor has different number of rooms.

- i) The floor at which Preeti lives has six room
ii) Tejas lives below Jayas
iii) There are four rooms at second floor.
iv) Preeti stays exactly between Meena and Tejas. Varun stays on the floor with the maximum number of rooms and these are 7 rooms.
v) Nayna lives at first floor. Meena stays above Varun.
vi) Sum of the number of rooms at 7th floor and 6th floor is 12
vii) Sum of the number of rooms on the floors on which Tejas and Nayna live is 5.
viii) The floor at which only 2 rooms are there is just below the floor at which only 1 room is there.

15. How many rooms are there at first floor?
(A) 1 (B) 2
(C) 3 (D) 4
(E) 5
16. Who stays below Preeti but above the floor on which there are two rooms?
(A) Jayas (B) Meena
(C) Varun (D) Kirti
(E) Tejas
17. Who stays at fourth floor?
(A) Nayna (B) Kirti
(C) Tejas (D) Jayas
(E) Preeti
18. How many rooms are there on the floor at which Kirti stays?
(A) 1 (B) 2
(C) 3 (D) 4
(E) 5

19. Who lives at the fifth floor?
(A) Nayna (B) Kirti
(C) Tejas (D) Jayas
(E) Preeti

Direction (20): Study the following information carefully to answer the following questions carefully.

A building has seven floors numbered one to seven, in such a way that the ground floor is numbered one, the floor above it is numbered two and so on such that the topmost floor numbered seven. One out of seven people viz. P, Q, R, S, T, U and V lives on each floor and likes different animals viz. parrot, pigeon, crow, rabbit, cow, buffalo and bull but not in the same order. P lives on fourth floor and the one who lives just above P likes cow. T lives on the floor immediately below U's floor and likes parrot. Q does not live on floor immediately above or below R's floor. The one who lives on ground floor likes Pigeon. S does not live on the topmost floor. V does not live on any floor below T's floor. Neither P nor U likes bull. U does not live on the second or seventh floor. R does not live on an odd numbered floor and likes buffalo.

20. Who among the following lives on the topmost floor?
(A) R (B) S
(C) V (D) P
(E) Q