

# MISSION IBPS 2024



Mahendra's

Reasoning TOPIC BOOSTER FLOOR PUZZLE WITH VARIABLE



# Join my TELEGRAM GROUP



@reasoningbybasantsir



Daily PDF of all YT sessions



Discussion / Doubt Solving



Direct Interaction with me



Quiz



Polls







Ten persons A, B, C, D, E, F, G, H, I and J lives on different floors of a 10-storey building. Three of them like different colors (Red, Blue and Green). The bottommost floor is numbered 1 and the topmost floor is numbered 10. I lives two floors above the person, who likes blue. More than three persons live below the one, who likes blue. D lives at least three floors above I. A lives on an odd numbered floor and immediately above G. A doesn't like blue. Two persons live between G and J. C lives immediately above H, who doesn't live below floor 4. B lives two floors above E. Person, who likes Red, lives two floors above B. F likes Green.

दस व्यक्ति A, B, C, D, E, F, G, H, I और J एक 10 मंजिला इमारत की विभिन्न मंजिलों पर रहते हैं। उनमें से तीन को अलग-अलग रंग (लाल, नीला और हरा) पसंद है। सबसे निचली मंजिल की संख्या 1 है और सबसे ऊपर की मंजिल की संख्या 10 है। मैं उस व्यक्ति से दो मंजिल ऊपर रहता हूं, जिसे नीला रंग पसंद है। नीला रंग पसंद करने वाले व्यक्ति के नीचे तीन से अधिक व्यक्ति रहते हैं। D, I से कम से कम तीन मंजिल ऊपर रहता है। A एक विषम संख्या वाली मंजिल पर और G के ठीक ऊपर रहता है। A को नीला रंग पसंद नहीं है। G और J के बीच दो व्यक्ति रहते हैं। C, H के ठीक ऊपर रहता है, जो मंजिल

4 से नीचे नहीं रहता है। B, E से दो मंजिल ऊपर रहता है। जिस व्यक्ति को

लाल रंग पसंद है, वह B से दो मंजिल ऊपर रहता है। F को हरा रंग पसंद है।





Ten persons A, B, C, D, E, F, G, H, I and J lives on different floors of a 10-storey building. Three of them like different colors (Red, Blue and Green). The bottommost floor is numbered 1 and the topmost floor is numbered 10. I lives two floors above the person, who likes blue. More than three persons live below the one, who likes blue. D lives at least three floors above I. A lives on an odd numbered floor and immediately above G. A doesn't like blue. Two persons live between G and J. C lives immediately above H, who doesn't live below floor 4. B lives two floors above E. Person, who likes Red, lives two floors above B. F likes Green.

Who lives on the 6<sup>th</sup> floor?

- a. A
- b. F
- c. E
- d. B
- e. None of the above





Ten persons A, B, C, D, E, F, G, H, I and J lives on different floors of a 10-storey building. Three of them like different colors (Red, Blue and Green). The bottommost floor is numbered 1 and the topmost floor is numbered 10. I lives two floors above the person, who likes blue. More than three persons live below the one, who likes blue. D lives at least three floors above I. A lives on an odd numbered floor and immediately above G. A doesn't like blue. Two persons live between G and J. C lives immediately above H, who doesn't live below floor 4. B lives two floors above E. Person, who likes Red, lives two floors above B. F likes Green.

Who lives on the bottommost floor?

- a. A
- b. F
- c. E
- d. B
- e. None of the above





Ten persons A, B, C, D, E, F, G, H, I and J lives on different floors of a 10-storey building. Three of them like different colors (Red, Blue and Green). The bottommost floor is numbered 1 and the topmost floor is numbered 10. I lives two floors above the person, who likes blue. More than three persons live below the one, who likes blue. D lives at least three floors above I. A lives on an odd numbered floor and immediately above G. A doesn't like blue. Two persons live between G and J. C lives immediately above H, who doesn't live below floor 4. B lives two floors above E. Person, who likes Red, lives two floors above B. F likes Green.

How many persons live between B and C?

- a. Three
- b. Four
- c. Two
- d. Five
- e. None of the above





Ten persons A, B, C, D, E, F, G, H, I and J lives on different floors of a 10-storey building. Three of them like different colors (Red, Blue and Green). The bottommost floor is numbered 1 and the topmost floor is numbered 10. I lives two floors above the person, who likes blue. More than three persons live below the one, who likes blue. D lives at least three floors above I. A lives on an odd numbered floor and immediately above G. A doesn't like blue. Two persons live between G and J. C lives immediately above H, who doesn't live below floor 4. B lives two floors above E. Person, who likes Red, lives two floors above B. F likes Green.

likes Red.

a. C

b. I

c. J

d. H

e. None of the above





Ten persons A, B, C, D, E, F, G, H, I and J lives on different floors of a 10-storey building. Three of them like different colors (Red, Blue and Green). The bottommost floor is numbered 1 and the topmost floor is numbered 10. I lives two floors above the person, who likes blue. More than three persons live below the one, who likes blue. D lives at least three floors above I. A lives on an odd numbered floor and immediately above G. A doesn't like blue. Two persons live between G and J. C lives immediately above H, who doesn't live below floor 4. B lives two floors above E. Person, who likes Red, lives two floors above B. F likes Green.

Who lives immediately above A?

- a. B
- b. J
- c. E
- d. H
- e. None of the above





Eight persons P, Q, R, S, T, U, N, and W are living in two different flats i.e. flat A and flat B of a four storey building such that the lowermost floor is numbered as 1, the floor immediately above it is numbered as 2 and so on but not necessarily in the same order. Flat A is to the west of flat B. All the persons like different fruits namely- Guava, Papaya, Mango, Apple, Watermelon, Grapes, Banana and orange but not necessarily in the same order. The one who likes orange lives to the west of the one who likes banana which is liked by S. There are two floors between the one who likes grapes and Banana. The one who likes grapes lives in flat B. The one who likes Guava lives two floors above the one who likes papaya and both are living in the same type of flat as P. Those who like Mango and Papaya live on the same floor. Only One floor is between N and U, who likes papaya. P lives just above T's flat. Both W and Q live in the same type of flats but none of them likes watermelon. Q does not live on an even-numbered floor.





आठ व्यक्ति P, Q, R, S, T, U, N, और W एक चार मंजिला इमारत के दि अलग-अलग फ्लैटों यानी फ्लैट A और फ्लैट B में इस प्रकार रह रहे हैं कि सबसे निचली मंजिल की संख्या 1 है, उसके ठीक ऊपर वाली मंजिल है इसे 2 इत्यादि के रूप में क्रमांकित किया गया है, लेकिन आवश्यक नहीं कि इसी क्रम में हो। फ्लैट A, फ्लैट B के पश्चिम में है। सभी व्यक्तियों को अलग-अलग फल पसंद हैं - अमरूद, पपीता, आम, सेब, तरबुज, अंग्र, केला और संतरा लेकिन जरूरी नहीं कि इसी क्रम में हों। वह व्यक्ति जिसें संतरा पसंद है वह केला पसंद करने वाले व्यक्ति के पश्चिम में रहता है जिसे S पसंद करता है। अंगुर और केला पसंद करने वाले व्यक्ति के बीच दो मंजिलें हैं। जिसे अंगुर पसंद है वह फ्लैट B में रहता है। जिसे अमरूद पसंद है वह पपीता पसंद करने वाले से दो मंजिल ऊपर रहता है और दोनों P के समान प्रकार के फ्लैट में रहते हैं। जो आम और पपीता पसंद करते हैं वे एक ही मंजिल पर रहते हैं। N और U, जिसे पपीता पसंद है, के बीच केवल एक मंजिल है। P, T के फ्लैट के ठीक ऊपर रहता है। W और Q दोनों एक ही प्रकार के फ्लैट में रहते हैं लेकिन उनमें से किसी को भी तरबूज पसंद नहीं है। Q सम संख्या वाली मंजिल पर नहीं रहता है।





The one who likes orange lives to the west of the one who likes banana which is liked by S. There are two floors between the one who likes grapes and Banana. The one who likes grapes lives in flat B. The one who likes Guava lives two floors above the one who likes papaya and both are living in the same type of flat as P. Those who like Mango and Papaya live on the same floor. Only One floor is between N and U, who likes papaya. P lives just above T's flat. Both W and Q live in the same type of flats but none of them likes watermelon. Q does not live on an even-numbered floor.

The one who likes watermelon lives just above to \_\_\_\_ and both live in the same type of flat?

- a) The one who likes Orange
- b) None of these
- c) The one who likes Guava
- d) The one who likes Grapes
- e) U





The one who likes orange lives to the west of the one who likes banana which is liked by S. There are two floors between the one who likes grapes and Banana. The one who likes grapes lives in flat B. The one who likes Guava lives two floors above the one who likes papaya and both are living in the same type of flat as P. Those who like Mango and Papaya live on the same floor. Only One floor is between N and U, who likes papaya. P lives just above T's flat. Both W and Q live in the same type of flats but none of them likes watermelon. Q does not live on an even-numbered floor.

Who lives immediately below Q's flat?

- a) None of these
- b) The one who likes Orange
- c) The one who likes Watermelon
- d) The one who likes banana
- e) The one who likes Mango





The one who likes orange lives to the west of the one who likes banana which is liked by S. There are two floors between the one who likes grapes and Banana. The one who likes grapes lives in flat B. The one who likes Guava lives two floors above the one who likes papaya and both are living in the same type of flat as P. Those who like Mango and Papaya live on the same floor. Only One floor is between N and U, who likes papaya. P lives just above T's flat. Both W and Q live in the same type of flats but none of them likes watermelon. Q does not live on an even-numbered floor.

Which of the following statements is/are true regarding R?

- I) R likes Watermelon
- II) R lives on the second floor
- III) R lives in flat B
- IV) R likes Guava
- a) Both I and II
- b) Only IV
- e) Only III
- d) None is true
- e) Only II



@Reasoningbybasantsir





The one who likes orange lives to the west of the one who likes banana which is liked by S. There are two floors between the one who likes grapes and Banana. The one who likes grapes lives in flat B. The one who likes Guava lives two floors above the one who likes papaya and both are living in the same type of flat as P. Those who like Mango and Papaya live on the same floor. Only One floor is between N and U, who likes papaya. P lives just above T's flat. Both W and Q live in the same type of flats but none of them likes watermelon. Q does not live on an even-numbered floor.

Four of the following five are alike in a certain way thus forms a group. Find the one which does not belong to the group?

- a) P- Grapes
- b) N- Papaya
- c) U Mango
- d) R-Banana
- e) Apple- T





Seven persons viz. P, Q, R, S, T, U, and V are staying in a seven-story building, but not necessarily in the same order. Each of them is of a different profession viz. Doctor, Engineer, Lawyer, Police, Scientist, Student, and Teacher. Not more than one person from the same profession stays on the same floor. The lowermost floor is numbered 1 and the floor immediately above is numbered 2 and so on. Q stays on an even-numbered floor and immediately below the one who is a Teacher. Only two floors are there between the one who is a Teacher and V, who is a Scientist. The number of floors above V is the same as the number of floors below the one who is the Police. T stays three floors away from the one who is the Police. S is a Student but doesn't stay above Q. The number of floors between Q and S is the same as the number of floors between T and P. The one who is a Doctor stays on the topmost floor. R is not a Teacher whereas T is not an Engineer. The one who is a Lawyer doesn't stay below U.





सात व्यक्ति अर्थात। P, Q, R, S, T, U, और V एक सात मंजिला इमारत में रहते हैं, लेकिन जरूरी नहीं कि इसी क्रम में हों। उनमें से प्रत्येक एक अलग पेशे से है अर्थात। डॉक्टर, इंजीनियर, वकील, पुलिस, वैज्ञानिक, छात्र और शिक्षक। समान पेशे से एक से अधिक व्यक्ति एक ही तल पर नहीं रहते हैं। सबसे नीचे वाले तल की संख्या 1 है और ठीक ऊपर वाले तल की संख्या 2 है और इसी प्रकार आगे भी। Q एक सम संख्या वाली मंजिल पर रहता है और शिक्षक के ठीक नीचे रहता है। वह व्यक्ति जो एक शिक्षक है और V, जो एक वैज्ञानिक है, के बीच केवल दो तल हैं। V के ऊपर की मंजिलों की संख्या पुलिस वाले के नीचे की मंजिलों की संख्या के समान है। T, पुलिस वाले व्यक्ति से तीन मंजिल दूर रहता है। S एक छात्र है लेकिन Q के ऊपर नहीं रहता है। Q और S के बीच की मंजिलों की संख्या T और P के बीच की मंजिलों की संख्या के समान है। जो एक डॉक्टर है वह सबसे ऊपर वाली मंजिल पर रहता है। R एक शिक्षक नहीं है जबकि T एक इंजीनियर नहीं है। जो वकील है वह U के नीचे नहीं रहता है।





Q stays on an even-numbered floor and immediately below the one who is a Teacher. Only two floors are there between the one who is a Teacher and V, who is a Scientist. The number of floors above V is the same as the number of floors below the one who is the Police. T stays three floors away from the one who is the Police. S is a Student but doesn't stay above Q. The number of floors between Q and S is the same as the number of floors between T and P. The one who is a Doctor stays on the topmost floor. R is not a Teacher whereas T is not an Engineer. The one who is a Lawyer doesn't stay below U.

#### Who among the following person is a Teacher?

- a) T
- b) U
- c) Q
- d) V
- e) None of these





Q stays on an even-numbered floor and immediately below the one who is a Teacher. Only two floors are there between the one who is a Teacher and V, who is a Scientist. The number of floors above V is the same as the number of floors below the one who is the Police. T stays three floors away from the one who is the Police. S is a Student but doesn't stay above Q. The number of floors between Q and S is the same as the number of floors between T and P. The one who is a Doctor stays on the topmost floor. R is not a Teacher whereas T is not an Engineer. The one who is a Lawyer doesn't stay below U.

#### On which of the following floor does P stay?

- a) 2nd floor
- b) 6th floor
- c) 4th floor
- d) 5th floor
- e) None of these



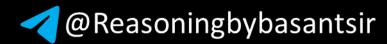




Q stays on an even-numbered floor and immediately below the one who is a Teacher. Only two floors are there between the one who is a Teacher and V, who is a Scientist. The number of floors above V is the same as the number of floors below the one who is the Police. T stays three floors away from the one who is the Police. S is a Student but doesn't stay above Q. The number of floors between Q and S is the same as the number of floors between T and P. The one who is a Doctor stays on the topmost floor. R is not a Teacher whereas T is not an Engineer. The one who is a Lawyer doesn't stay below U.

What is the profession of the one who stays on floor number 5?

- a) Lawyer
- b) Engineer
- c) Teacher
- d) Scientist
- e) None of these



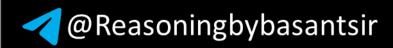




Q stays on an even-numbered floor and immediately below the one who is a Teacher. Only two floors are there between the one who is a Teacher and V, who is a Scientist. The number of floors above V is the same as the number of floors below the one who is the Police. T stays three floors away from the one who is the Police. S is a Student but doesn't stay above Q. The number of floors between Q and S is the same as the number of floors between T and P. The one who is a Doctor stays on the topmost floor. R is not a Teacher whereas T is not an Engineer. The one who is a Lawyer doesn't stay below U.

The number of floors above the one who is a Lawyer is the same as the number of floors below the one who is a \_\_\_\_\_.

- a) Student
- b) Engineer
- c) Teacher
- d) Police
- e) None of these







Q stays on an even-numbered floor and immediately below the one who is a Teacher. Only two floors are there between the one who is a Teacher and V, who is a Scientist. The number of floors above V is the same as the number of floors below the one who is the Police. T stays three floors away from the one who is the Police. S is a Student but doesn't stay above Q. The number of floors between Q and S is the same as the number of floors between T and P. The one who is a Doctor stays on the topmost floor. R is not a Teacher whereas T is not an Engineer. The one who is a Lawyer doesn't stay below U.

Who among the following person stays on floor number 2?

- a) The one who is a Scientist
- b) The one who is an Engineer
- c) The one who is a Teacher
- d) The one who is a Student
- e) None of these







There are eight persons viz. A, B, C, D, P, Q, R, and S lives in eight floored building numbered 1 to 8 in such a way that the lowermost floor is marked as 1, the floor above it is marked as 2 and so on and the top floor is marked as 8. Each of them has different weight viz. 30, 40, 45, 65, 95, 80, 85 and 90 kg but not necessarily in the same order. Only one person lives on each floor. The person whose weight is 65kg lives on an odd numbered floor at a gap of two floors from D, who doesn't live on the top most floor. S lives on the adjacent floor of the one whose weight is 85kg. Twice the weight of the person who lives on the floor number 4 is equal to thrice the weight of the person who lives on the floor number 2. Q lives at a gap of one floor from the one whose weight is 85 Kg. Number of floors above C is same as the number of floors below the one whose weight is 40kg. The weight of A is twice the weight of S. A, who neither lives on the lowermost floor nor adjacent to the one whose weight is 65kg, lives at a gap of three floors from S, who neither lives on the top nor his weight is 65kg. P, whose weight is 30kg lives just above the floor of R. Weight of Q is more than that of the one who lives at a gap of one floor above.



आरेश्र वैच

आठ व्यक्ति हैं अर्थात। A, B, C, D, P, Q, R, और S 1 से 8 तक की संख्या वाली आठ मंजिला इमारत में इस प्रकार रहते हैं कि सबसे निचली मंजिल को 1 से चिह्नित किया जाता है, इसके ऊपर की मंजिल को 2 से चिह्नित किया जाता है और इसी तरह आगे और शीर्ष मंजिल को 8 के रूप में चिह्नित किया गया है। उनमें से प्रत्येक का वजन अलग-अलग है। 30, 40, 45, 65, 95, 80, 85 और 90 किया लेकिन जरूरी नहीं कि इसी क्रम में हो। प्रत्येक मंजिल पर केवल एक व्यक्ति रहता है। वह व्यक्ति जिसका वजन 65 किया है, D से दो मंजिलों के अंतर पर एक विषम संख्या वाली मंजिल पर रहता है, जो सबसे ऊपर वाली मंजिल पर नहीं रहता है। S, 85 किया भार वाले व्यक्ति के सन्निकट तल पर रहता है। मंजिल संख्या 4 पर रहने वाले व्यक्ति के वजन का दोगुना वजन मंजिल संख्या 2 पर रहने वाले व्यक्ति के वजन के तीन गुना के बरॉबर है। 0, 85 किलोग्राम वजन वाले व्यक्ति से एक मंजिल के अंतर पर रहता है। C के ऊपर की मंजिलों की संख्या 40 किलो वजन वाले व्यक्ति के नीचे की मंजिलों की संख्या के समान है। A का वजन S के वजन का दोगुना है।  ${f A}$ , जो न तो सबसे निचली मंजिल पर रहता है और न ही  ${f 65}$  किलो वजन वाले व्यक्ति के बगल में रहता है, S से तीन मंजिलों के अंतर पर रहता है, जो न तो शीर्ष पर रहता है और न ही उसका वजन है 65 किग्रा। P, जिसका वजन 30 किया है, R की मंजिल के ठीक ऊपर रहता है। Q का वजन उस व्यक्ति से अधिक है जो ऊपर एक मंजिल के अंतराल पर रहता है।

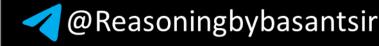




The person whose weight is 65kg lives on an odd numbered floor at a gap of two floors from D, who doesn't live on the top most floor. S lives on the adjacent floor of the one whose weight is 85kg. Twice the weight of the person who lives on the floor number 4 is equal to thrice the weight of the person who lives on the floor number 2. Q lives at a gap of one floor from the one whose weight is 85 Kg. Number of floors above C is same as the number of floors below the one whose weight is 40kg. The weight of A is twice the weight of S. A, who neither lives on the lowermost floor nor adjacent to the one whose weight is 65kg, lives at a gap of three floors from S, who neither lives on the top nor his weight is 65kg. P, whose weight is 30kg lives just above the floor of R. Weight of Q is more than that of the one who lives at a gap of one floor above.

What is the sum of the weight of the one who lives on the floor numbered 7 and the one who lives on the floor numbered 3?

- a) 165 Kg
- b) 160 Kg
- c) 175 Kg
- d) 145 Kg
- e) None of these



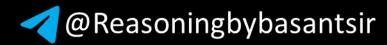




The person whose weight is 65kg lives on an odd numbered floor at a gap of two floors from D, who doesn't live on the top most floor. S lives on the adjacent floor of the one whose weight is 85kg. Twice the weight of the person who lives on the floor number 4 is equal to thrice the weight of the person who lives on the floor number 2. Q lives at a gap of one floor from the one whose weight is 85 Kg. Number of floors above C is same as the number of floors below the one whose weight is 40kg. The weight of A is twice the weight of S. A, who neither lives on the lowermost floor nor adjacent to the one whose weight is 65kg, lives at a gap of three floors from S, who neither lives on the top nor his weight is 65kg. P, whose weight is 30kg lives just above the floor of R. Weight of Q is more than that of the one who lives at a gap of one floor above.

#### Who lives immediately above the floor of S?

- a) The one whose weight is 65 kg.
- b) The one whose weight is 40 kg.
- c) P
- d) The One who lives fourth from the top floor
- e) (







The person whose weight is 65kg lives on an odd numbered floor at a gap of two floors from D, who doesn't live on the top most floor. S lives on the adjacent floor of the one whose weight is 85kg. Twice the weight of the person who lives on the floor number 4 is equal to thrice the weight of the person who lives on the floor number 2. Q lives at a gap of one floor from the one whose weight is 85 Kg. Number of floors above C is same as the number of floors below the one whose weight is 40kg. The weight of A is twice the weight of S. A, who neither lives on the lowermost floor nor adjacent to the one whose weight is 65kg, lives at a gap of three floors from S, who neither lives on the top nor his weight is 65kg. P, whose weight is 30kg lives just above the floor of R. Weight of Q is more than that of the one who lives at a gap of one floor above.

How many persons live between A and theone whose weight is 40 kg?

- a) Two
- b) Three
- c) One
- d) Four
- e) None



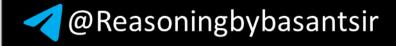




The person whose weight is 65kg lives on an odd numbered floor at a gap of two floors from D, who doesn't live on the top most floor. S lives on the adjacent floor of the one whose weight is 85kg. Twice the weight of the person who lives on the floor number 4 is equal to thrice the weight of the person who lives on the floor number 2. Q lives at a gap of one floor from the one whose weight is 85 Kg. Number of floors above C is same as the number of floors below the one whose weight is 40kg. The weight of A is twice the weight of S. A, who neither lives on the lowermost floor nor adjacent to the one whose weight is 65kg, lives at a gap of three floors from S, who neither lives on the top nor his weight is 65kg. P, whose weight is 30kg lives just above the floor of R. Weight of Q is more than that of the one who lives at a gap of one floor above.

#### Which of the following statement is not true?

- a) The one whose weight is 45 kg lives immediately below B.
- b) P lives at a gap of one floor from S.
- D lives at a gap of three floors from the one whose weight is 30kg.
- d) The One whose weight is 85 kg lives immediately below Q.
- e) All the given statements are true.



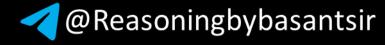




The person whose weight is 65kg lives on an odd numbered floor at a gap of two floors from D, who doesn't live on the top most floor. S lives on the adjacent floor of the one whose weight is 85kg. Twice the weight of the person who lives on the floor number 4 is equal to thrice the weight of the person who lives on the floor number 2. Q lives at a gap of one floor from the one whose weight is 85 Kg. Number of floors above C is same as the number of floors below the one whose weight is 40kg. The weight of A is twice the weight of S. A, who neither lives on the lowermost floor nor adjacent to the one whose weight is 65kg, lives at a gap of three floors from S, who neither lives on the top nor his weight is 65kg. P, whose weight is 30kg lives just above the floor of R. Weight of Q is more than that of the one who lives at a gap of one floor above.

Which of the following combination of name, floor and weight is true?

- a) A 90kg 7
- b) 80kg 2 R
- c) S 45kg 5
- d) 85 kg Q 6
- D-40kg-6



# Join my TELEGRAM GROUP



@reasoningbybasantsir



Daily PDF of all YT sessions



Discussion / Doubt Solving



Direct Interaction with me



Quiz



Polls









