

# MISSION IBPS 2024



Mahendra's

# Reasoning TOPIC BOOSTER

DATA SUFFICIENCY



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@reasoningbybasantsir



Daily PDF of all YT sessions



Discussion / Doubt Solving



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Quiz



Polls







# Data Sufficiency (Question Practice)







What is Sumit's position from the right end in a row of children? Statement I: There are 10 children between Sumit and Rajan. Statement II: Rajan is twentieth from the left end of the row of children.

- 1. If the data given in statement II alone is sufficient
- 2. If the data given in statement I alone is sufficient
- 3. If the data given in either statement I or statement II alone is sufficient
- 4. If the data given in both statement I and statement II together are sufficient
- 5. If the data given in both statement I and statement II together are not sufficient.







Six persons J, K, L, M, N and O have different heights. Who is the 4th shortest person?

**Statement I:** Two persons are taller than J. L is not the tallest person. Neither N nor L is shorter than J. M is shorter than K but not the shortest.

**Statement II:** J is taller than M. L is not shorter than K. N is not shorter than O

- 1. If the data given in statement II alone is sufficient
- 2. If the data given in statement I alone is sufficient
- 3. If the data given in either statement I or statement II alone is sufficient
- 4. If the data given in both statement I and statement II together are sufficient
- 5. If the data given in both statement I and statement II together are not sufficient.







Six persons, Abhi, Bob, Diana, Ella, Geet and Henry are sitting around a circular table. All of them are facing the centre. Who is sitting opposite to Ella?

Statement I: Abhi is sitting 2nd to the right of Diana, who is sitting 2nd to the left of Bob, who is sitting adjacent to Geet. Henry is not sitting adjacent to Abhi.

Statement II: Diana is sitting opposite to Geet, who is sitting 2nd to the left of Henry.

- 1. If the data given in statement II alone is sufficient
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- 5. If the data given in both statement I and statement II together are not sufficient.







Six persons, A1, A2, A3, A4, A5 and A6 are sitting at some distance from each other. What is the shortest distance between A3 and A6? Statement I: A1 is sitting 19m west to A2, who is sitting south west to A3. A5 is sitting south east to A3.

**Statement II:** A6 is sitting 22m south to A4, who is sitting 6m west to A5

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- 5. If the data given in both statement I and statement II together are not sufficient.







Six persons, A, B, C, D, E and F are of different heights. Who is the 3rd shortest person?

**Statement I:** A and C are shorter than D. F is not taller than E. B is taller than E but not the tallest.

**Statement II:** B is taller than A and is the 2nd tallest person. F is shorter than D. C is not the tallest person. E is shorter than A and C. E is not the shortest.

- 1. If the data given in statement II alone is sufficient
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- 4. If the data given in both statement I and statement II together are sufficient
- 5. If the data given in both statement I and statement II together are not sufficient.







Six boxes, P, Q, R, S, T and U are placed one above another, where the bottommost position is 1 and the position above it is 2 and so on. Which box is placed at the bottommost position?

Statement I: R is placed 2nd to the above of P, which is placed just above of U. One box is placed between Q and T. S is placed below T Statement II: Two boxes are placed between Q and P. One box is placed between R and P

- 1. If the data given in statement II alone is sufficient
- 2. If the data given in statement I alone is sufficient
- 3. If the data given in either statement I or statement II alone is sufficient
- 4. If the data given in both statement I and statement II together are sufficient
- 5. If the data given in both statement I and statement II together are not sufficient.







Six persons Maahi, Maya, Manoj, Manish, Mehak and Minu have different heights. Who is the 3rd shortest person?

Statement I: Two persons are taller than Maahi. Manoj is not the tallest person. Neither Mehak nor Manoj is shorter than Maahi. Manish is shorter than Maya but not the shortest.

Statement II: Maahi is taller than Manish. Mehak is not shorter than Minu. Manoj is not shorter than Maya.

- 1. If the data given in statement II alone is sufficient
- 2. If the data given in statement I alone is sufficient
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- 4. If the data given in both statement I and statement II together are sufficient
- 5. If the data given in both statement I and statement II together are not sufficient.







Eight persons S, T, U, V, W, X, Y and Z live on 8 storey building. The bottommost floor is numbered 1 and the topmost floor is numbered 8. Who lives floor 5?

Statement I: S lives three floors above W. Z lives three floors below W. Y lives on 3rd floor. V lives immediately above U. T lives above X. Statement II: T lives two floors above V. Two persons live between V and Y, who lives below floor 4. There is one floor between Y and U, who doesn't live on floor 1. X lives immediately above Z. W lives below S.

- 1. If the data given in statement II alone is sufficient
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In the given coded language, how is the word 'numbers' coded?

Statement I: 'decoding followed by coding' is coded as 'zx, ar, cp, It' and 'coded numbers and digits' is coded as 'mk, kr, dn, st'.

Statement II: 'coding and decoding numbers' is coded as 'lt, mk, ar, st' and 'digits with numbers coded' is coded as 'dn, zx, mk, kr'.

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- 5. If the data given in both statement I and statement II together are not sufficient.







Seven persons A, B, C, D, E, F and G sit around a circular table facing towards the centre. Who sits immediate right of F?

Statement I: G sits 2nd to the right of F. Two persons sit between C and E. D sits adjacent to E and to the immediate right of B.

Statement II: B sits 4th to the right of F. G sits 2nd to the left of B. D sits to the immediate left of E. C doesn't sit beside F.

- 1. If the data given in statement II alone is sufficient
- 2. If the data given in statement I alone is sufficient
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- 4. If the data given in both statement I and statement II together are sufficient
- 5. If the data given in both statement I and statement II together are not sufficient.







Six persons P, Q, R, S, T and U have different marks in a class test. Who has 2nd highest marks?

Statement I: R has more marks than S and T. At least two persons have more marks than R. P has 3rd lowest marks. Q doesn't have the highest marks. S doesn't have the lowest marks.

Statement II: Three persons have lesser marks than R. Neither Q nor U has fewer marks than R. P has more marks than S and T.

- 1. If the data given in statement II alone is sufficient
- 2. If the data given in statement I alone is sufficient
- 3. If the data given in either statement I or statement II alone is sufficient
- 4. If the data given in both statement I and statement II together are sufficient
- 5. If the data given in both statement I and statement II together are not sufficient.







What is the code of 'good morning' in the certain code of language? Statement I: In a certain code of language 'all said good morning' is coded as 'md vg db op', 'all nights are good' is coded as 'ghdb op wt'

Statement II: In a certain code of language, 'we said good morning' is coded as 'md fgdb vg'

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How many persons are sitting in the row (assuming all are facing north)?

**Statement I:** Sanju sits 5th from the right end of the row. Rahul sits 11th from the left end of the row

**Statement II:** Tarun sits 6th from the left end. Rahul sits 3rd to the left of the one who is 7th from the right end.

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How is 'No' coded in the code language?

**Statement I:** 'Ne Pa Sic Lo' means 'But No None And' and 'Pa Lo Le Ne' means 'If None And But'.

Statement II: 'Le Se Ne Sic' means 'If No None Will' and 'Le Pi Se Be' means 'Not None If All'

- 1. If the data given in statement II alone is sufficient
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Who among P, Q, T, V and M is exactly in the middle when they are arranged in ascending order of their heights?

**Statement I:** V is taller than Q but shorter than M.

**Statement II:** T is taller than Q and M but shorter than P.

- 1. If the data given in statement II alone is sufficient
- 2. If the data given in statement I alone is sufficient
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Which code word stands for 'good' in the coded sentence 'sin co bye' which means 'He is good'?

Statement I: In the same code language, 'co mot det' means 'They are good'.

**Statement II:** In the same code language, 'sin mic bye' means 'He is honest'.

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Gaurav ranks eighteenth from the top in a class. What is his rank from the last?

**Statement I: There are 47 students in the class.** 

**Statement II:** Jatin who ranks 10th in the same class, ranks 38th from the last.

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What is the rank of P from the bottom in a class of 30 students? Statement I: M is third from the top and there are five students between M and P.

**Statement II:** The rank of K is fourth from the bottom and there are 17 students between K and P.

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In a row of five buildings - P, Q, R, S and T, which building is in the middle?

**Statement I:** Buildings S and Q are at the two extreme ends of the row.

Statement II: Building, T is to the right of building R.

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Among five friends, who is the tallest?

**Statement I:** D is taller than A and C.

**Statement II:** B is shorter than E but taller than D.

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- 2. If the data given in statement I alone is sufficient
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**How many sons does D have?** 

**Statement I:** A's father has three children. **Statement II:** B is A's brother and son of D.

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#### How is M related to N?

**Statement I:** P, who has only two kids, M and N, is the mother-in-law of Q, who is sister-in-law of N.

Statement II: R, the sister-in-law of M, is the daughter-in-law of S, who has only two kids, M and N.

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