

Data sufficiency questions with answers

15 exam-shaped questions with full worked solutions.
For IBPS · SBI · RRB · SSC reasoning.

Free, share it forward. Every question in this set was generated and verified by the Deduce engine — the same one behind the free daily puzzle round at deducepuzzles.com.

The questions

Work them on paper first. Full solutions start after question 15 — the numbering matches.

QUESTION 1

Each person lives on a different floor (1–4). Which statements are sufficient to fix EVERY person's floor?

Statement I: Anjali lives on the floor immediately above Harsh; Yash lives on a floor somewhere above Chetan; Anjali lives on an odd-numbered floor. Statement II: Yash lives on an even-numbered floor; Anjali lives on a floor somewhere above Chetan; Harsh lives on the floor immediately above Chetan.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 2

4 people are ranked from 1 (highest) to 4 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.

Statement I: Kiran is 3rd from the top; Exactly 2 people are ranked between Yash and Arjun; Kiran is ranked immediately below Sanjay. Statement II: Kiran is ranked lower than Sanjay; Sanjay is 2nd from the top.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 3

Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?

Statement I: Uma lives on the topmost floor; Meera lives on the floor immediately above Karan; There are exactly 2 floors between Uma and Manish. Statement II: Uma lives on the floor immediately above Meera; There is exactly 1 floor between Manish and Meera; Uma lives on a floor somewhere above Karan; Manish lives on the floor immediately above Vikram.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 4

5 people are ranked from 1 (highest) to 5 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.

Statement I: Exactly 3 people are ranked between Jaya and Sneha; Aditi is ranked immediately below Jaya; Tarun is ranked immediately below Geeta. Statement II: Tarun is 2nd from the bottom; Exactly 2 people are ranked between Tarun and Jaya.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 5

Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?

Statement I: There is exactly 1 floor between Zoya and Deepak; Nikhil lives on a floor somewhere above Deepak; There are exactly 3 floors between Lata and Nikhil. Statement II: Deepak lives on the floor immediately above Kiran; Kiran lives on an odd-numbered floor; Deepak lives on a floor somewhere above Lata; Zoya lives on an even-numbered floor.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 6

6 people are ranked from 1 (highest) to 6 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.

Statement I: Karan is ranked lower than Sanjay; Aditi and Meera are NOT ranked next to each other; Isha is 6th from the top; Exactly 3 people are ranked between Sanjay and Karan; Uma is ranked lower than Aditi. Statement II: Karan is ranked lower than Meera; Uma is ranked immediately above Meera; Sanjay and Isha are NOT ranked next to each other; Exactly 1 person is ranked between Sanjay and Uma; Exactly 1 person is ranked between Aditi and Meera.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 7

Each person lives on a different floor (1–4). Which statements are sufficient to fix EVERY person's floor?

Statement I: There is exactly 1 floor between Manish and Geeta; Geeta lives on the lowest floor; Imran lives on a floor somewhere above Manish; Manish lives on a floor somewhere above Rahul. Statement II: Geeta lives on an odd-numbered floor; Manish lives on the floor immediately above Rahul.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 8

4 people are ranked from 1 (highest) to 4 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.

Statement I: Sneha is 2nd from the bottom; Aditi is ranked LAST (lowest). Statement II: Exactly 1 person is ranked between Sanjay and Sneha; Harsh is 3rd from the bottom; Aditi is ranked lower than Sneha; Aditi is ranked lower than Harsh.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 9

Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?

Statement I: Uma lives on a floor somewhere above Manish; Uma lives on an even-numbered floor; There is exactly 1 floor between Manish and Uma; Uma lives on a floor somewhere above Jaya; Manish lives on a floor somewhere above Tarun. Statement II: Divya lives on a floor somewhere above Manish; Jaya lives on a floor somewhere above Manish; Tarun lives on the lowest floor; There is exactly 1 floor between Jaya and Divya.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 10

5 people are ranked from 1 (highest) to 5 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.

Statement I: Exactly 1 person is ranked between Rahul and Isha; Esha is ranked lower than Lata; Lata is ranked higher than Uma; Exactly 1 person is ranked between Esha and Uma. Statement II: Rahul is ranked immediately above Uma; Uma is ranked lower than Esha; Lata is ranked FIRST (highest); Lata is ranked higher than Isha.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 11

Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?

Statement I: There are exactly 3 floors between Geeta and Isha; Gauri lives on an odd-numbered floor; Esha lives on the floor immediately above Gauri. Statement II: Isha lives on the lowest floor; Geeta lives on the floor immediately above Esha; Geeta lives on the topmost floor; There is exactly 1 floor between Geeta and Gauri.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 12

6 people are ranked from 1 (highest) to 6 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.

Statement I: Aditi is 4th from the bottom; Exactly 2 people are ranked between Anjali and Zoya; Vikram and Zoya are NOT ranked next to each other; Aditi is ranked lower than Geeta. Statement II: Zoya is ranked higher than Anjali; Geeta is ranked lower than Zoya; Gauri is ranked lower than Anjali; Geeta is ranked immediately above Aditi; Vikram and Geeta are NOT ranked next to each other; Gauri is ranked lower than Aditi; Anjali is ranked immediately above Vikram.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 13

Each person lives on a different floor (1–4). Which statements are sufficient to fix EVERY person's floor?

Statement I: Tanvi lives on a floor somewhere above Vikram; Vikram lives on the floor immediately above Jaya. Statement II: There is exactly 1 floor between Tanvi and Vikram; Tanvi lives on the floor immediately above Anjali; Tanvi lives on a floor somewhere above Jaya.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 14

4 people are ranked from 1 (highest) to 4 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.

Statement I: Bhavna is ranked immediately below Harsh; Anjali is ranked higher than Bhavna; Harsh is ranked lower than Divya. Statement II: Exactly 1 person is ranked between Bhavna and Divya; Divya is ranked immediately below Anjali; Harsh is ranked immediately below Divya.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

QUESTION 15

Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?

Statement I: Jaya lives on a floor somewhere above Lata; Lata lives on a floor somewhere above Esha; There is exactly 1 floor between Yash and Jaya; Esha lives on a floor somewhere above Sneha. Statement II: Yash lives on a floor somewhere above Sneha; There are exactly 2 floors between Lata and Sneha; Jaya lives on a floor somewhere above Yash.

- A. Statement I alone is sufficient, but II alone is not.
 - B. Statement II alone is sufficient, but I alone is not.
 - C. Each statement ALONE is sufficient.
 - D. Both statements TOGETHER are sufficient, but neither alone.
 - E. Even both statements together are NOT sufficient.
-

Answers and worked solutions

Each walkthrough is the engine's own elimination order, step for step — not a reconstruction written after the fact.

SOLUTION 1

Answer: **Each statement ALONE is sufficient.**

1. Question: Each person lives on a different floor (1–4). Which statements are sufficient to fix EVERY person's floor?
 2. Statement I (3 clues) alone $\Rightarrow$ 1 arrangement.
 3. Statement II (3 clues) alone $\Rightarrow$ 1 arrangement.
 4. Both together $\Rightarrow$ 1 arrangement.
 5. A statement is "sufficient" exactly when it leaves 1 arrangement. Answer: Each statement ALONE is sufficient.
-

SOLUTION 2

Answer: **Even both statements together are NOT sufficient.**

1. Question: 4 people are ranked from 1 (highest) to 4 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.
 2. Statement I (3 clues) alone $\Rightarrow$ 2 rankings.
 3. Statement II (2 clues) alone $\Rightarrow$ 4 rankings.
 4. Both together $\Rightarrow$ 2 rankings.
 5. A statement is "sufficient" exactly when it leaves 1 ranking. Answer: Even both statements together are NOT sufficient.
-

SOLUTION 3

Answer: **Each statement ALONE is sufficient.**

1. Question: Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?
 2. Statement I (3 clues) alone $\Rightarrow$ 1 arrangement.
 3. Statement II (4 clues) alone $\Rightarrow$ 1 arrangement.
 4. Both together $\Rightarrow$ 1 arrangement.
 5. A statement is "sufficient" exactly when it leaves 1 arrangement. Answer: Each statement ALONE is sufficient.
-

SOLUTION 4

Answer: **Statement I alone is sufficient, but II alone is not.**

1. Question: 5 people are ranked from 1 (highest) to 5 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.
 2. Statement I (3 clues) alone $\Rightarrow$ 1 ranking.
 3. Statement II (2 clues) alone $\Rightarrow$ 6 rankings.
 4. Both together $\Rightarrow$ 1 ranking.
 5. A statement is "sufficient" exactly when it leaves 1 ranking. Answer: Statement I alone is sufficient, but II alone is not.
-

SOLUTION 5

Answer: **Statement II alone is sufficient, but I alone is not.**

1. Question: Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?
 2. Statement I (3 clues) alone $\Rightarrow$ 2 arrangements.
 3. Statement II (4 clues) alone $\Rightarrow$ 1 arrangement.
 4. Both together $\Rightarrow$ 1 arrangement.
 5. A statement is "sufficient" exactly when it leaves 1 arrangement. Answer: Statement II alone is sufficient, but I alone is not.
-

SOLUTION 6

Answer: **Statement I alone is sufficient, but II alone is not.**

1. Question: 6 people are ranked from 1 (highest) to 6 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.
 2. Statement I (5 clues) alone $\Rightarrow$ 1 ranking.
 3. Statement II (5 clues) alone $\Rightarrow$ 7 rankings.
 4. Both together $\Rightarrow$ 1 ranking.
 5. A statement is "sufficient" exactly when it leaves 1 ranking. Answer: Statement I alone is sufficient, but II alone is not.
-

SOLUTION 7

Answer: **Statement I alone is sufficient, but II alone is not.**

1. Question: Each person lives on a different floor (1–4). Which statements are sufficient to fix EVERY person's floor?
 2. Statement I (4 clues) alone $\Rightarrow$ 1 arrangement.
 3. Statement II (2 clues) alone $\Rightarrow$ 3 arrangements.
 4. Both together $\Rightarrow$ 1 arrangement.
 5. A statement is "sufficient" exactly when it leaves 1 arrangement. Answer: Statement I alone is sufficient, but II alone is not.
-

SOLUTION 8

Answer: **Both statements TOGETHER are sufficient, but neither alone.**

1. Question: 4 people are ranked from 1 (highest) to 4 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.
 2. Statement I (2 clues) alone $\Rightarrow$ 2 rankings.
 3. Statement II (4 clues) alone $\Rightarrow$ 2 rankings.
 4. Both together $\Rightarrow$ 1 ranking.
 5. A statement is "sufficient" exactly when it leaves 1 ranking. Answer: Both statements TOGETHER are sufficient, but neither alone.
-

SOLUTION 9

Answer: **Statement I alone is sufficient, but II alone is not.**

1. Question: Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?
 2. Statement I (5 clues) alone $\Rightarrow$ 1 arrangement.
 3. Statement II (4 clues) alone $\Rightarrow$ 2 arrangements.
 4. Both together $\Rightarrow$ 1 arrangement.
 5. A statement is "sufficient" exactly when it leaves 1 arrangement. Answer: Statement I alone is sufficient, but II alone is not.
-

SOLUTION 10

Answer: **Even both statements together are NOT sufficient.**

1. Question: 5 people are ranked from 1 (highest) to 5 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.
 2. Statement I (4 clues) alone $\Rightarrow$ 8 rankings.
 3. Statement II (4 clues) alone $\Rightarrow$ 3 rankings.
 4. Both together $\Rightarrow$ 2 rankings.
 5. A statement is "sufficient" exactly when it leaves 1 ranking. Answer: Even both statements together are NOT sufficient.
-

SOLUTION 11

Answer: **Statement II alone is sufficient, but I alone is not.**

1. Question: Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?
 2. Statement I (3 clues) alone $\Rightarrow$ 2 arrangements.
 3. Statement II (4 clues) alone $\Rightarrow$ 1 arrangement.
 4. Both together $\Rightarrow$ 1 arrangement.
 5. A statement is "sufficient" exactly when it leaves 1 arrangement. Answer: Statement II alone is sufficient, but I alone is not.
-

SOLUTION 12

Answer: **Statement II alone is sufficient, but I alone is not.**

1. Question: 6 people are ranked from 1 (highest) to 6 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.
 2. Statement I (4 clues) alone $\Rightarrow$ 5 rankings.
 3. Statement II (7 clues) alone $\Rightarrow$ 1 ranking.
 4. Both together $\Rightarrow$ 1 ranking.
 5. A statement is "sufficient" exactly when it leaves 1 ranking. Answer: Statement II alone is sufficient, but I alone is not.
-

SOLUTION 13

Answer: **Statement II alone is sufficient, but I alone is not.**

1. Question: Each person lives on a different floor (1–4). Which statements are sufficient to fix EVERY person's floor?
 2. Statement I (2 clues) alone $\Rightarrow$ 3 arrangements.
 3. Statement II (3 clues) alone $\Rightarrow$ 1 arrangement.
 4. Both together $\Rightarrow$ 1 arrangement.
 5. A statement is "sufficient" exactly when it leaves 1 arrangement. Answer: Statement II alone is sufficient, but I alone is not.
-

SOLUTION 14

Answer: **Both statements TOGETHER are sufficient, but neither alone.**

1. Question: 4 people are ranked from 1 (highest) to 4 (lowest), no ties. Read Statements I and II, then decide which, if any, are sufficient to fix EVERY person's rank.
 2. Statement I (3 clues) alone $\Rightarrow$ 2 rankings.
 3. Statement II (3 clues) alone $\Rightarrow$ 2 rankings.
 4. Both together $\Rightarrow$ 1 ranking.
 5. A statement is "sufficient" exactly when it leaves 1 ranking. Answer: Both statements TOGETHER are sufficient, but neither alone.
-

SOLUTION 15

Answer: **Statement I alone is sufficient, but II alone is not.**

1. Question: Each person lives on a different floor (1–5). Which statements are sufficient to fix EVERY person's floor?
 2. Statement I (4 clues) alone $\Rightarrow$ 1 arrangement.
 3. Statement II (3 clues) alone $\Rightarrow$ 4 arrangements.
 4. Both together $\Rightarrow$ 1 arrangement.
 5. A statement is "sufficient" exactly when it leaves 1 arrangement. Answer: Statement I alone is sufficient, but II alone is not.
-

One round a day beats one set a month.

A worked set teaches the shape; a clock teaches the speed. Deduce serves a free timed round every day, with a streak, a leaderboard and the full walkthrough after every round.

deducepuzzles.com · more banks like this one: deducepuzzles.com/questions/data-sufficiency