

Puzzle questions for bank exams, with worked answers

12 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 12 — the numbering matches.

QUESTION 1

4 people live in a 4-storey building, one person on each floor — floor 1 is the ground floor and floor 4 is the top.

1. Sanjay lives on a floor somewhere above Jaya.
2. There are exactly 2 floors between Jaya and Harsh.
3. Sneha lives on an even-numbered floor.

Can you work out who lives on each floor?

QUESTION 2

4 people sit in a row, all facing the same way — seat 1 is the far left, seat 4 the far right.

1. Varun sits somewhere to the left of Tanvi.
2. Neha sits immediately to the right of Varun.
3. Tanvi sits somewhere to the left of Geeta.

Can you work out who sits in each seat?

QUESTION 3

6 people sit around a round table, all facing the centre.

1. Imran sits 2nd to the right of Jaya (all facing the centre).
2. Kiran sits immediately to the right of Imran (all facing the centre).
3. Harsh sits immediately to the right of Pooja (all facing the centre).
4. Jaya sits immediately to the left of Tarun (all facing the centre).

Can you work out who sits in each seat?

QUESTION 4

5 boxes are stacked one above another — position 1 is the bottom box and position 5 the top.

1. Box C is kept somewhere above Box A.
2. Box A is kept immediately below Box D.
3. Box F is kept immediately below Box G.
4. Box F is kept immediately above Box D.

Can you work out which box sits at each position?

QUESTION 5

5 events are scheduled in 5 ordered time slots, one event per slot.

1. There are exactly 3 days between Meera's and Jaya's appointments.
2. Uma's appointment is on an earlier day of the week than Lata's.
3. Rohan's appointment is on a later day of the week than Jaya's.
4. Rohan's appointment is on a later day of the week than Lata's.

Can you work out which event falls in each slot?

QUESTION 6

6 people sit in two parallel rows facing each other — one row faces north, the other faces south, and each person sits directly opposite exactly one other.

1. Gauri sits immediately to the left of Uma (both facing north).
2. Gauri sits 2nd to the left of Meera (both facing north).
3. Imran sits 2nd to the left of Sanjay (both facing south).
4. Uma faces north.
5. Aditi does NOT sit directly opposite Imran.

Can you work out who sits in each seat, in both rows?

QUESTION 7

4 people live in a 4-storey building, one person on each floor — floor 1 is the ground floor and floor 4 is the top.

1. Manish lives on the floor immediately above Uma.
2. There is exactly 1 floor between Uma and Divya.
3. Divya lives on a floor somewhere above Isha.

Can you work out who lives on each floor?

QUESTION 8

4 people sit in a row, all facing the same way — seat 1 is the far left, seat 4 the far right.

1. Neha sits immediately to the right of Pooja.
2. Neha sits immediately to the left of Uma.
3. Uma sits at the far-right (extreme) end of the row.
4. Anjali sits at the far-left (extreme) end of the row.

Can you work out who sits in each seat?

QUESTION 9

6 people sit around a round table, all facing the centre.

1. Varun sits 3rd to the left of Kiran (all facing the centre).
2. Vikram sits immediately to the right of Tanvi (all facing the centre).
3. Exactly 1 person sits between Manish and Varun (the shorter way).
4. Varun sits next to Vikram.
5. Tarun sits 2nd to the right of Vikram (all facing the centre).

Can you work out who sits in each seat?

QUESTION 10

5 boxes are stacked one above another — position 1 is the bottom box and position 5 the top.

1. Box H is kept immediately above Box A.
2. Box F is kept immediately above Box C.
3. Box G is kept somewhere below Box H.
4. Box C is kept somewhere below Box G.

Can you work out which box sits at each position?

QUESTION 11

5 events are scheduled in 5 ordered time slots, one event per slot.

1. There is exactly 1 day between Zoya's and Isha's appointments.
2. Uma's appointment is on a later day of the week than Zoya's.
3. Uma's appointment is on Thursday.
4. Varun's appointment is on Monday.
5. Varun's appointment is on an earlier day of the week than Rohan's.

Can you work out which event falls in each slot?

QUESTION 12

6 people sit in two parallel rows facing each other — one row faces north, the other faces south, and each person sits directly opposite exactly one other.

1. Lata does NOT sit directly opposite Sanjay.
2. Esha sits 2nd to the left of Bhavna (both facing north).
3. Esha sits immediately to the left of Lata (both facing north).
4. Meera sits immediately to the left of Sanjay (both facing south).
5. Bhavna faces north.
6. Exactly 1 person sits between Neha and Sanjay in the same row.

Can you work out who sits in each seat, in both rows?

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

1. Start: 24 possible arrangements of 4 people.
 2. Clue 2 — "There are exactly 2 floors between Jaya and Harsh." narrows it to 4 possibilities. Board (top → bottom): _ · _ · _ · _
 3. Clue 3 — "Sneha lives on an even-numbered floor." ⇒ Sanjay → floor 3, Sneha → floor 2 (2 possibilities left). Board (top → bottom): _ · Sanjay · Sneha · _
 4. Clue 1 — "Sanjay lives on a floor somewhere above Jaya." ⇒ Jaya → floor 1, Harsh → floor 4 (1 possibility left). Board (top → bottom): Harsh · Sanjay · Sneha · Jaya
 5. Exactly one arrangement survives every clue — that is the answer.
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SOLUTION 2

1. Start: 24 possible left-to-right orders of 4 people.
 2. Clue 2 — "Neha sits immediately to the right of Varun." narrows it to 6 possibilities. Board (left → right): _ · _ · _ · _
 3. Clue 1 — "Varun sits somewhere to the left of Tanvi." narrows it to 3 possibilities. Board (left → right): _ · _ · _ · _
 4. Clue 3 — "Tanvi sits somewhere to the left of Geeta." ⇒ Neha → seat 2, Varun → seat 1, Geeta → seat 4, Tanvi → seat 3 (1 possibility left). Board (left → right): Varun · Neha · Tanvi · Geeta
 5. Exactly one order survives every clue: Varun, Neha, Tanvi, Geeta (left to right).
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SOLUTION 3

1. Start: 120 distinct seatings (up to rotation) of 6 people around the table. Fix Harsh at seat 1 and count clockwise — only rotations of the same seating differ.
 2. Clue 1 — "Imran sits 2nd to the right of Jaya (all facing the centre)." narrows it to 24 possibilities. Table (clockwise from Harsh): Harsh · _ · _ · _ · _ · _
 3. Clue 2 — "Kiran sits immediately to the right of Imran (all facing the centre)." narrows it to 6 possibilities. Table (clockwise from Harsh): Harsh · _ · _ · _ · _ · _
 4. Clue 3 — "Harsh sits immediately to the right of Pooja (all facing the centre)." ⇒ Jaya → seat 6, Pooja → seat 2, Tarun → seat 5, Imran → seat 4, Kiran → seat 3 (1 possibility left). Table (clockwise from Harsh): Harsh · Pooja · Kiran · Imran · Tarun · Jaya
 5. Exactly one seating (up to rotation) survives every clue: Harsh, Pooja, Kiran, Imran, Tarun, Jaya clockwise.
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SOLUTION 4

1. Start: 120 possible stackings of 5 boxes.
 2. Clue 2 — "Box A is kept immediately below Box D." narrows it to 24 possibilities. Stack (top → bottom): _ · _ · _ · _ · _
 3. Clue 3 — "Box F is kept immediately below Box G." narrows it to 6 possibilities. Stack (top → bottom): _ · _ · _ · _ · _
 4. Clue 4 — "Box F is kept immediately above Box D." narrows it to 2 possibilities. Stack (top → bottom): _ · _ · _ · _ · _
 5. Clue 1 — "Box C is kept somewhere above Box A." ⇒ Box F → position 3, Box C → position 5 (top), Box G → position 4, Box D → position 2, Box A → position 1 (bottom) (1 possibility left). Stack (top → bottom): Box C · Box G · Box F · Box D · Box A
 6. Exactly one stacking survives every clue — that is the answer.
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SOLUTION 5

1. Start: 120 possible schedules of 5 people across Monday–Friday.
 2. Clue 1 — "There are exactly 3 days between Meera's and Jaya's appointments." narrows it to 12 possibilities. Board (Monday → Friday): _ · _ · _ · _ · _
 3. Clue 2 — "Uma's appointment is on an earlier day of the week than Lata's." narrows it to 6 possibilities. Board (Monday → Friday): _ · _ · _ · _ · _
 4. Clue 3 — "Rohan's appointment is on a later day of the week than Jaya's." ⇒ Meera → Friday, Jaya → Monday (3 possibilities left). Board (Monday → Friday): Jaya · _ · _ · _ · Meera
 5. Clue 4 — "Rohan's appointment is on a later day of the week than Lata's." ⇒ Rohan → Thursday, Lata → Wednesday, Uma → Tuesday (1 possibility left). Board (Monday → Friday): Jaya · Uma · Lata · Rohan · Meera
 6. Exactly one schedule survives every clue — that is the answer.
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SOLUTION 6

1. Start: 720 ways to seat 6 people in two facing rows of 3.
 2. Clue 4 — "Uma faces north." narrows it to 360 possibilities. Board — North (W → E): _ · _ · _ | South (W → E): _ · _ · _
 3. Clue 1 — "Gauri sits immediately to the left of Uma (both facing north)." narrows it to 48 possibilities. Board — North (W → E): _ · _ · _ | South (W → E): _ · _ · _
 4. Clue 2 — "Gauri sits 2nd to the left of Meera (both facing north)." ⇒ Uma → the north-facing row, column 2 (1 = west), Meera → the north-facing row, column 3 (1 = west), Gauri → the north-facing row, column 1 (1 = west) (6 possibilities left). Board — North (W → E): Gauri · Uma · Meera | South (W → E): _ · _ · _
 5. Clue 3 — "Imran sits 2nd to the left of Sanjay (both facing south)." ⇒ Aditi → the south-facing row, column 2 (1 = west), Imran → the south-facing row, column 3 (1 = west), Sanjay → the south-facing row, column 1 (1 = west) (1 possibility left). Board — North (W → E): Gauri · Uma · Meera | South (W → E): Sanjay · Aditi · Imran
 6. Exactly one seating survives every clue — north row: Gauri, Uma, Meera; south row: Sanjay, Aditi, Imran.
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SOLUTION 7

1. Start: 24 possible arrangements of 4 people.
 2. Clue 1 — "Manish lives on the floor immediately above Uma." narrows it to 6 possibilities. Board (top → bottom): _ · _ · _ · _
 3. Clue 2 — "There is exactly 1 floor between Uma and Divya." narrows it to 3 possibilities. Board (top → bottom): _ · _ · _ · _
 4. Clue 3 — "Divya lives on a floor somewhere above Isha." ⇒ Isha → floor 1, Uma → floor 2, Divya → floor 4, Manish → floor 3 (1 possibility left). Board (top → bottom): Divya · Manish · Uma · Isha
 5. Exactly one arrangement survives every clue — that is the answer.
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SOLUTION 8

1. Start: 24 possible left-to-right orders of 4 people.
 2. Clue 4 — "Anjali sits at the far-left (extreme) end of the row." ⇒ Anjali → seat 1 (6 possibilities left). Board (left → right): Anjali · _ · _ · _
 3. Clue 3 — "Uma sits at the far-right (extreme) end of the row." ⇒ Uma → seat 4 (2 possibilities left). Board (left → right): Anjali · _ · _ · Uma
 4. Clue 1 — "Neha sits immediately to the right of Pooja." ⇒ Neha → seat 3, Pooja → seat 2 (1 possibility left). Board (left → right): Anjali · Pooja · Neha · Uma
 5. Exactly one order survives every clue: Anjali, Pooja, Neha, Uma (left to right).
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SOLUTION 9

1. Start: 120 distinct seatings (up to rotation) of 6 people around the table. Fix Kiran at seat 1 and count clockwise — only rotations of the same seating differ.
 2. Clue 1 — "Varun sits 3rd to the left of Kiran (all facing the centre)." $\Rightarrow$ Varun $\rightarrow$ seat 4 (24 possibilities left). Table (clockwise from Kiran): Kiran $\cdot$ _ $\cdot$ _ $\cdot$ Varun $\cdot$ _ $\cdot$ _
 3. Clue 2 — "Vikram sits immediately to the right of Tanvi (all facing the centre)." narrows it to 4 possibilities. Table (clockwise from Kiran): Kiran $\cdot$ _ $\cdot$ _ $\cdot$ Varun $\cdot$ _ $\cdot$ _
 4. Clue 5 — "Tarun sits 2nd to the right of Vikram (all facing the centre)." narrows it to 2 possibilities. Table (clockwise from Kiran): Kiran $\cdot$ _ $\cdot$ _ $\cdot$ Varun $\cdot$ _ $\cdot$ _
 5. Clue 3 — "Exactly 1 person sits between Manish and Varun (the shorter way)." $\Rightarrow$ Manish $\rightarrow$ seat 2, Tanvi $\rightarrow$ seat 6, Tarun $\rightarrow$ seat 3, Vikram $\rightarrow$ seat 5 (1 possibility left). Table (clockwise from Kiran): Kiran $\cdot$ Manish $\cdot$ Tarun $\cdot$ Varun $\cdot$ Vikram $\cdot$ Tanvi
 6. Exactly one seating (up to rotation) survives every clue: Kiran, Manish, Tarun, Varun, Vikram, Tanvi clockwise.
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SOLUTION 10

1. Start: 120 possible stackings of 5 boxes.
 2. Clue 1 — "Box H is kept immediately above Box A." narrows it to 24 possibilities. Stack (top $\rightarrow$ bottom): _ $\cdot$ _ $\cdot$ _ $\cdot$ _ $\cdot$ _
 3. Clue 2 — "Box F is kept immediately above Box C." narrows it to 6 possibilities. Stack (top $\rightarrow$ bottom): _ $\cdot$ _ $\cdot$ _ $\cdot$ _ $\cdot$ _
 4. Clue 3 — "Box G is kept somewhere below Box H." narrows it to 3 possibilities. Stack (top $\rightarrow$ bottom): _ $\cdot$ _ $\cdot$ _ $\cdot$ _ $\cdot$ _
 5. Clue 4 — "Box C is kept somewhere below Box G." $\Rightarrow$ Box C $\rightarrow$ position 1 (bottom), Box G $\rightarrow$ position 3, Box H $\rightarrow$ position 5 (top), Box F $\rightarrow$ position 2, Box A $\rightarrow$ position 4 (1 possibility left). Stack (top $\rightarrow$ bottom): Box H $\cdot$ Box A $\cdot$ Box G $\cdot$ Box F $\cdot$ Box C
 6. Exactly one stacking survives every clue — that is the answer.
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SOLUTION 11

1. Start: 120 possible schedules of 5 people across Monday–Friday.
 2. Clue 3 — "Uma's appointment is on Thursday." $\Rightarrow$ Uma $\rightarrow$ Thursday (24 possibilities left). Board (Monday $\rightarrow$ Friday): _ $\cdot$ _ $\cdot$ _ $\cdot$ _ $\cdot$ Uma $\cdot$ _
 3. Clue 4 — "Varun's appointment is on Monday." $\Rightarrow$ Varun $\rightarrow$ Monday (6 possibilities left). Board (Monday $\rightarrow$ Friday): Varun $\cdot$ _ $\cdot$ _ $\cdot$ Uma $\cdot$ _
 4. Clue 1 — "There is exactly 1 day between Zoya's and Isha's appointments." $\Rightarrow$ Rohan $\rightarrow$ Tuesday (2 possibilities left). Board (Monday $\rightarrow$ Friday): Varun $\cdot$ Rohan $\cdot$ _ $\cdot$ Uma $\cdot$ _
 5. Clue 2 — "Uma's appointment is on a later day of the week than Zoya's." $\Rightarrow$ Zoya $\rightarrow$ Wednesday, Isha $\rightarrow$ Friday (1 possibility left). Board (Monday $\rightarrow$ Friday): Varun $\cdot$ Rohan $\cdot$ Zoya $\cdot$ Uma $\cdot$ Isha
 6. Exactly one schedule survives every clue — that is the answer.
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SOLUTION 12

1. Start: 720 ways to seat 6 people in two facing rows of 3.
 2. Clue 5 — "Bhavna faces north." narrows it to 360 possibilities. Board — North (W $\rightarrow$ E): _ $\cdot$ _ $\cdot$ _ | South (W $\rightarrow$ E): _ $\cdot$ _ $\cdot$ _
 3. Clue 2 — "Esha sits 2nd to the left of Bhavna (both facing north)." $\Rightarrow$ Esha $\rightarrow$ the north-facing row, column 1 (1 = west), Bhavna $\rightarrow$ the north-facing row, column 3 (1 = west) (24 possibilities left). Board — North (W $\rightarrow$ E): Esha $\cdot$ _ $\cdot$ Bhavna | South (W $\rightarrow$ E): _ $\cdot$ _ $\cdot$ _
 4. Clue 3 — "Esha sits immediately to the left of Lata (both facing north)." $\Rightarrow$ Lata $\rightarrow$ the north-facing row, column 2 (1 = west) (6 possibilities left). Board — North (W $\rightarrow$ E): Esha $\cdot$ Lata $\cdot$ Bhavna | South (W $\rightarrow$ E): _ $\cdot$ _ $\cdot$ _
 5. Clue 4 — "Meera sits immediately to the left of Sanjay (both facing south)." narrows it to 2 possibilities. Board — North (W $\rightarrow$ E): Esha $\cdot$ Lata $\cdot$ Bhavna | South (W $\rightarrow$ E): _ $\cdot$ _ $\cdot$ _
 6. Clue 6 — "Exactly 1 person sits between Neha and Sanjay in the same row." $\Rightarrow$ Neha $\rightarrow$ the south-facing row, column 3 (1 = west), Meera $\rightarrow$ the south-facing row, column 2 (1 = west), Sanjay $\rightarrow$ the south-facing row, column 1 (1 = west) (1 possibility left). Board — North (W $\rightarrow$ E): Esha $\cdot$ Lata $\cdot$ Bhavna | South (W $\rightarrow$ E): Sanjay $\cdot$ Meera $\cdot$ Neha
 7. Exactly one seating survives every clue — north row: Esha, Lata, Bhavna; south row: Sanjay, Meera, Neha.
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One round a day beats one set a month.

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