Deduce

Order and ranking questions with 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 are ranked in one order, from first to 4th, with no ties.

1. Neha is 4th from the top.
2. Arjun is ranked immediately above Nikhil.
3. Arjun is 4th from the bottom.
4. Tanvi is ranked higher than Neha.

Can you work out each person's exact position?

QUESTION 2

4 people are ranked in one order, from first to 4th, with no ties.

1. Exactly 1 person is ranked between Karan and Sanjay.
2. Karan is 2nd from the top.
3. Kiran is 3rd from the top.
4. Imran is ranked higher than Karan.

Can you work out each person's exact position?

QUESTION 3

5 people are ranked in one order, from first to 5th, with no ties.

1. Anjali is 5th from the top.
2. Varun is ranked higher than Rohan.
3. Jaya is 4th from the top.
4. Exactly 2 people are ranked between Zoya and Jaya.

Can you work out each person's exact position?

QUESTION 4

5 people are ranked in one order, from first to 5th, with no ties.

1. Neha is ranked higher than Gauri.
2. Arjun is ranked higher than Harsh.
3. Exactly 1 person is ranked between Gauri and Neha.
4. Harsh is ranked immediately below Bhavna.

Can you work out each person's exact position?

QUESTION 5

5 people are ranked in one order, from first to 5th, with no ties.

1. Manish is 5th from the top.
2. Zoya is ranked lower than Farhan.
3. Zoya is ranked immediately above Uma.
4. Exactly 1 person is ranked between Geeta and Uma.

Can you work out each person's exact position?

QUESTION 6

6 people are ranked in one order, from first to 6th, with no ties.

1. Esha and Meera are NOT ranked next to each other.
2. Meera is ranked higher than Esha.
3. Exactly 1 person is ranked between Karan and Lata.
4. Exactly 3 people are ranked between Esha and Karan.
5. Exactly 2 people are ranked between Esha and Gauri.
6. Gauri is ranked higher than Arjun.

Can you work out each person's exact position?

QUESTION 7

4 people are ranked in one order, from first to 4th, with no ties.

1. Lata is ranked immediately above Uma.
2. Imran is ranked immediately above Lata.
3. Uma is ranked higher than Rohan.

Can you work out each person's exact position?

QUESTION 8

4 people are ranked in one order, from first to 4th, with no ties.

1. Farhan is ranked higher than Sneha.
2. Omkar is ranked LAST (lowest).
3. Omkar is ranked immediately below Zoya.

Can you work out each person's exact position?

QUESTION 9

5 people are ranked in one order, from first to 5th, with no ties.

1. Yash is 4th from the bottom.
2. Neha is ranked higher than Karan.
3. Lata is ranked higher than Tarun.
4. Lata is 2nd from the bottom.

Can you work out each person's exact position?

QUESTION 10

5 people are ranked in one order, from first to 5th, with no ties.

1. Anjali is ranked immediately above Nikhil.
2. Aditi is 2nd from the top.
3. Zoya is ranked immediately below Nikhil.
4. Divya is ranked higher than Aditi.

Can you work out each person's exact position?

QUESTION 11

5 people are ranked in one order, from first to 5th, with no ties.

1. Karan is 2nd from the top.
2. Esha is ranked higher than Rohan.
3. Exactly 1 person is ranked between Rohan and Karan.
4. Karan is ranked lower than Omkar.
5. Omkar is ranked higher than Farhan.

Can you work out each person's exact position?

QUESTION 12

6 people are ranked in one order, from first to 6th, with no ties.

1. Deepak and Neha are NOT ranked next to each other.
2. Kiran is ranked immediately below Divya.
3. Neha is ranked lower than Sanjay.
4. Exactly 3 people are ranked between Deepak and Kiran.
5. Kiran is ranked higher than Sanjay.
6. Deepak is ranked lower than Omkar.

Can you work out each person's exact position?

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 rankings of 4 people.
2. Clue 1 — "Neha is 4th from the top." ⇒ Neha → rank 4 (bottom) (6 possibilities left). Board (rank 1 → 4): _ · _ · _ · Neha
3. Clue 3 — "Arjun is 4th from the bottom." ⇒ Arjun → rank 1 (top) (2 possibilities left). Board (rank 1 → 4): Arjun · _ · _ · Neha
4. Clue 2 — "Arjun is ranked immediately above Nikhil." ⇒ Nikhil → rank 2 (2nd from top), Tanvi → rank 3 (3rd from top) (1 possibility left). Board (rank 1 → 4): Arjun · Nikhil · Tanvi · Neha
5. Exactly one ranking survives every clue — that is the answer.

SOLUTION 2

1. Start: 24 possible rankings of 4 people.
2. Clue 2 — "Karan is 2nd from the top." ⇒ Karan → rank 2 (2nd from top) (6 possibilities left). Board (rank 1 → 4): _ · Karan · _ · _
3. Clue 3 — "Kiran is 3rd from the top." ⇒ Kiran → rank 3 (3rd from top) (2 possibilities left). Board (rank 1 → 4): _ · Karan · Kiran · _
4. Clue 1 — "Exactly 1 person is ranked between Karan and Sanjay." ⇒ Sanjay → rank 4 (bottom), Imran → rank 1 (top) (1 possibility left). Board (rank 1 → 4): Imran · Karan · Kiran · Sanjay
5. Exactly one ranking survives every clue — that is the answer.

SOLUTION 3

1. Start: 120 possible rankings of 5 people.
2. Clue 1 — "Anjali is 5th from the top." ⇒ Anjali → rank 5 (bottom) (24 possibilities left). Board (rank 1 → 5): _ · _ · _ · _ · Anjali
3. Clue 3 — "Jaya is 4th from the top." ⇒ Jaya → rank 4 (4th from top) (6 possibilities left). Board (rank 1 → 5): _ · _ · _ · Jaya · Anjali
4. Clue 4 — "Exactly 2 people are ranked between Zoya and Jaya." ⇒ Zoya → rank 1 (top) (2 possibilities left). Board (rank 1 → 5): Zoya · _ · _ · Jaya · Anjali
5. Clue 2 — "Varun is ranked higher than Rohan." ⇒ Varun → rank 2 (2nd from top), Rohan → rank 3 (3rd from top) (1 possibility left). Board (rank 1 → 5): Zoya · Varun · Rohan · Jaya · Anjali
6. Exactly one ranking survives every clue — that is the answer.

SOLUTION 4

1. Start: 120 possible rankings of 5 people.
2. Clue 4 — "Harsh is ranked immediately below Bhavna." narrows it to 24 possibilities. Board (rank 1 → 5): _ · _ · _ · _ · _
3. Clue 3 — "Exactly 1 person is ranked between Gauri and Neha." narrows it to 4 possibilities. Board (rank 1 → 5): _ · _ · _ · _ · _
4. Clue 1 — "Neha is ranked higher than Gauri." narrows it to 2 possibilities. Board (rank 1 → 5): _ · _ · _ · _ · _
5. Clue 2 — "Arjun is ranked higher than Harsh." ⇒ Gauri → rank 3 (3rd from top), Arjun → rank 2 (2nd from top), Neha → rank 1 (top), Bhavna → rank 4 (4th from top), Harsh → rank 5 (bottom) (1 possibility left). Board (rank 1 → 5): Neha · Arjun · Gauri · Bhavna · Harsh
6. Exactly one ranking survives every clue — that is the answer.

SOLUTION 5

1. Start: 120 possible rankings of 5 people.
2. Clue 1 — "Manish is 5th from the top." ⇒ Manish → rank 5 (bottom) (24 possibilities left). Board (rank 1 → 5): _ · _ · _ · _ · Manish
3. Clue 3 — "Zoya is ranked immediately above Uma." narrows it to 6 possibilities. Board (rank 1 → 5): _ · _ · _ · _ · Manish
4. Clue 4 — "Exactly 1 person is ranked between Geeta and Uma." narrows it to 3 possibilities. Board (rank 1 → 5): _ · _ · _ · _ · Manish
5. Clue 2 — "Zoya is ranked lower than Farhan." ⇒ Geeta → rank 2 (2nd from top), Uma → rank 4 (4th from top), Zoya → rank 3 (3rd from top), Farhan → rank 1 (top) (1 possibility left). Board (rank 1 → 5): Farhan · Geeta · Zoya · Uma · Manish
6. Exactly one ranking survives every clue — that is the answer.

SOLUTION 6

1. Start: 720 possible rankings of 6 people.
2. Clue 3 — "Exactly 1 person is ranked between Karan and Lata." narrows it to 192 possibilities. Board (rank 1 → 6): _ · _ · _ · _ · _ · _
3. Clue 4 — "Exactly 3 people are ranked between Esha and Karan." narrows it to 24 possibilities. Board (rank 1 → 6): _ · _ · _ · _ · _ · _
4. Clue 5 — "Exactly 2 people are ranked between Esha and Gauri." narrows it to 8 possibilities. Board (rank 1 → 6): _ · _ · _ · _ · _ · _
5. Clue 2 — "Meera is ranked higher than Esha." narrows it to 4 possibilities. Board (rank 1 → 6): _ · _ · _ · _ · _ · _
6. Clue 6 — "Gauri is ranked higher than Arjun." narrows it to 2 possibilities. Board (rank 1 → 6): _ · _ · _ · _ · _ · _
7. Clue 1 — "Esha and Meera are NOT ranked next to each other." ⇒ Esha → rank 6 (bottom), Meera → rank 1 (top), Arjun → rank 5 (5th from top), Karan → rank 2 (2nd from top), Lata → rank 4 (4th from top), Gauri → rank 3 (3rd from top) (1 possibility left). Board (rank 1 → 6): Meera · Karan · Gauri · Lata · Arjun · Esha
8. Exactly one ranking survives every clue — that is the answer.

SOLUTION 7

1. Start: 24 possible rankings of 4 people.
2. Clue 1 — "Lata is ranked immediately above Uma." narrows it to 6 possibilities. Board (rank 1 → 4): _ · _ · _ · _
3. Clue 2 — "Imran is ranked immediately above Lata." narrows it to 2 possibilities. Board (rank 1 → 4): _ · _ · _ · _
4. Clue 3 — "Uma is ranked higher than Rohan." ⇒ Uma → rank 3 (3rd from top), Lata → rank 2 (2nd from top), Imran → rank 1 (top), Rohan → rank 4 (bottom) (1 possibility left). Board (rank 1 → 4): Imran · Lata · Uma · Rohan
5. Exactly one ranking survives every clue — that is the answer.

SOLUTION 8

1. Start: 24 possible rankings of 4 people.
2. Clue 2 — "Omkar is ranked LAST (lowest)." ⇒ Omkar → rank 4 (bottom) (6 possibilities left). Board (rank 1 → 4): _ · _ · _ · Omkar
3. Clue 3 — "Omkar is ranked immediately below Zoya." ⇒ Zoya → rank 3 (3rd from top) (2 possibilities left). Board (rank 1 → 4): _ · _ · Zoya · Omkar
4. Clue 1 — "Farhan is ranked higher than Sneha." ⇒ Sneha → rank 2 (2nd from top), Farhan → rank 1 (top) (1 possibility left). Board (rank 1 → 4): Farhan · Sneha · Zoya · Omkar
5. Exactly one ranking survives every clue — that is the answer.

SOLUTION 9

1. Start: 120 possible rankings of 5 people.
2. Clue 1 — "Yash is 4th from the bottom." ⇒ Yash → rank 2 (2nd from top) (24 possibilities left). Board (rank 1 → 5): _ · Yash · _ · _ · _
3. Clue 4 — "Lata is 2nd from the bottom." ⇒ Lata → rank 4 (4th from top) (6 possibilities left). Board (rank 1 → 5): _ · Yash · _ · Lata · _
4. Clue 2 — "Neha is ranked higher than Karan." narrows it to 3 possibilities. Board (rank 1 → 5): _ · Yash · _ · Lata · _
5. Clue 3 — "Lata is ranked higher than Tarun." ⇒ Neha → rank 1 (top), Tarun → rank 5 (bottom), Karan → rank 3 (3rd from top) (1 possibility left). Board (rank 1 → 5): Neha · Yash · Karan · Lata · Tarun
6. Exactly one ranking survives every clue — that is the answer.

SOLUTION 10

1. Start: 120 possible rankings of 5 people.
2. Clue 2 — "Aditi is 2nd from the top." ⇒ Aditi → rank 2 (2nd from top) (24 possibilities left). Board (rank 1 → 5): _ · Aditi · _ · _ · _
3. Clue 1 — "Anjali is ranked immediately above Nikhil." narrows it to 4 possibilities. Board (rank 1 → 5): _ · Aditi · _ · _ · _
4. Clue 3 — "Zoya is ranked immediately below Nikhil." ⇒ Divya → rank 1 (top), Zoya → rank 5 (bottom), Anjali → rank 3 (3rd from top), Nikhil → rank 4 (4th from top) (1 possibility left). Board (rank 1 → 5): Divya · Aditi · Anjali · Nikhil · Zoya
5. Exactly one ranking survives every clue — that is the answer.

SOLUTION 11

1. Start: 120 possible rankings of 5 people.
2. Clue 1 — "Karan is 2nd from the top." ⇒ Karan → rank 2 (2nd from top) (24 possibilities left). Board (rank 1 → 5): _ · Karan · _ · _ · _
3. Clue 3 — "Exactly 1 person is ranked between Rohan and Karan." ⇒ Rohan → rank 4 (4th from top) (6 possibilities left). Board (rank 1 → 5): _ · Karan · _ · Rohan · _
4. Clue 2 — "Esha is ranked higher than Rohan." narrows it to 4 possibilities. Board (rank 1 → 5): _ · Karan · _ · Rohan · _
5. Clue 4 — "Karan is ranked lower than Omkar." ⇒ Farhan → rank 5 (bottom), Omkar → rank 1 (top), Esha → rank 3 (3rd from top) (1 possibility left). Board (rank 1 → 5): Omkar · Karan · Esha · Rohan · Farhan
6. Exactly one ranking survives every clue — that is the answer.

SOLUTION 12

1. Start: 720 possible rankings of 6 people.
2. Clue 2 — "Kiran is ranked immediately below Divya." narrows it to 120 possibilities. Board (rank 1 → 6): _ · _ · _ · _ · _ · _
3. Clue 4 — "Exactly 3 people are ranked between Deepak and Kiran." narrows it to 18 possibilities. Board (rank 1 → 6): _ · _ · _ · _ · _ · _
4. Clue 3 — "Neha is ranked lower than Sanjay." narrows it to 9 possibilities. Board (rank 1 → 6): _ · _ · _ · _ · _ · _
5. Clue 5 — "Kiran is ranked higher than Sanjay." ⇒ Deepak → rank 6 (bottom), Divya → rank 1 (top), Kiran → rank 2 (2nd from top) (3 possibilities left). Board (rank 1 → 6): Divya · Kiran · _ · _ · _ · Deepak
6. Clue 1 — "Deepak and Neha are NOT ranked next to each other." ⇒ Neha → rank 4 (4th from top), Omkar → rank 5 (5th from top), Sanjay → rank 3 (3rd from top) (1 possibility left). Board (rank 1 → 6): Divya · Kiran · Sanjay · Neha · Omkar · Deepak
7. Exactly one ranking survives every clue — that is the answer.

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