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Inequalities Questions for IBPS PO Pre, IBPS RRB Scale I Pre, SBI PO Pre, IBPS SO Pre, Syndicate Bank, Canara Bank, IBPS Clerk Mains and SBI Clerk Mains Exams.

Inequalities Quiz 21

Directions: Read the given information carefully and answer the questions given beside.

Six female models viz. Alisha, Carol, Niharika, Karisma, Jessica and Gargi were instructed to walk on the ramp in order of their heights. The one who was the shortest walked the ramp first and the one who was the tallest walked the ramp in the last. Neither Karisma nor Alisha was the first one to walk the ramp. Niharika is not taller than Jessica. Niharika's height was 164 cm and she was the fifth model to walk the ramp. Karisma was not shorter than Carol. Gargi walked not earlier than Alisha, who walked just after Carol. The difference between Jessica's height and Niharika's height was 25 cm. Karisma walked just after Alisha but not immediately before Niharika.

1. Gargi walked the ramp at which of the following positions?

- A. Second B. Third C. Fourth D. Fifth E. None of these

2. What could be the possible height of Karisma?

- A. 166 cm B. 153 cm C. 173 cm D. 165 cm E. Can't be determined

3. Who among the following is the second shortest model?

- A. Carol B. Karisma C. Gargi D. Alisha E. None of these

4. Which of the following statements is true?

- I. Karisma was the fourth one to walk the ramp.
- II. Alisha was the third tallest model.
- III. Carol was the second one to walk the ramp.

- A. Only I B. Only III C. Only II and III D. All are true E. None is true

5. Which of the following statements is definitely true?

- A. The one who walked the ramp at third position was 158 cm tall.
- B. The height of the tallest model was 189 cm.
- C. Jessica was shorter than Gargi.
- D. Carol was the last one to walk the ramp.
- E. Either A or B

Correct Answers:

1	2	3	4	5
C	B	D	E	B

Common Explanation:

Reference:

The one who was the shortest walked the ramp first and the one who is the tallest walked the ramp in the last.

Inference:

We will keep this hint in our mind while considering other information also.

Reference:

Niharika is not taller than Jessica.

Niharika's height was 164 cm and she was the fifth model to walk the ramp.

The difference between Jessica's height and Niharika's height was 25 cm.

Inference:

Models (In order of appearance)					Niharika	Jessica
Height (in cm)					164	189

Reference:

Gargi walked not earlier than Alisha, who walked just after Carol.

Karisma was not shorter than Carol.

Karisma walked just after Alisha but not immediately before Niharika.

Neither Karisma nor Alisha was the first one to walk the ramp.

Inference:

Alisha walked just after Carol means that Alisha was taller than Carol.

As Gargi didn't walk earlier than Alisha, this clearly means that she is taller than Alisha.

Karisma walked immediately after Alisha but didn't walk immediately before Niharika and Gargi walked after Alisha, thus Gargi walked immediately before Niharika.

Models (In order of appearance)	Carol	Alisha	Karisma	Gargi	Niharika	Jessica
Height (in cm)					164	189

ANSWERS :

1. From the following explanation it is clear that Gargi walked at 4th position.

Hence option C is correct.

2. From the following explanation it is clear that the possible height of Karisma could be 153 cm.

Hence option B is correct.

3. From the following explanation it is clear that Alisha is the second shortest model.

Hence option D is correct.

4. From the following explanation it is clear that none of the given statements is true.

Hence option E is correct.

5. From the following explanation it is clear that "The height of the tallest model was 189 cm." is the statement which is definitely true.

The statement in option A is a possibility and rest of the statements are false.

Hence option B is correct.

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