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Puzzle Test Questions for IBPS Clerk Pre, IBPS, RRB, LIC Assistant, RBI Assistant, SBI Clerk Pre

Set No 157

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

Few persons were seated in several rows of a theatre facing towards the screen which was in North direction. The information about only few of them was known. Only one person was seated in one row. The seats were numbered in the ascending order such that the bottom most seat was 1, the seat just above that was numbered 2 and so on.

The total number of seats was thrice as that of Anu's seat number. Era was to the immediately above Dia. Dia's seat number was six times as that of Bani's seat number. Chang was seated on seat number 10. Fiza was seated on a prime numbered seat somewhere above Era and was not neighbouring Chang. Not more than 15 persons were seated in the theatre.

1. How many rows are vacant?

- A. 7 B. 5 C. 9 D. 8 E. None of these

2. Fiza was in which of the following rows?

- A. Row number 5 B. Row number 13 C. Row number 7
D. Row number 11 E. Cannot be determined

3. Which of the following statements is/are incorrect?

I. Row number 1 is vacant.

II. Anu is in a prime numbered row.

III. Dia is seated in between Era and Anu.

- A. Only I and III B. Only II and III C. Only I and II D. Only I E. All I, II and III

4. How many rows are occupied between Anu and Chang?

- A. None B. 2 C. 1 D. 3 E. Can't be determined

5. Four of the following five are alike in a certain way and thus form a group. Which of the following does not belong to the group?

- A. Row number 1 B. Row number 6 C. Row number 7
D. Row number 10 E. Row number 11

Correct Answers:

1	2	3	4	5
C	B	D	B	E

Common Explanations:

Reference:

The total number of rows was thrice as that of Anu's row number.
Not more than 15 persons were seated in the theatre.
Chang was seated in row number 10.

Inference:

With the second hint it is clear that there were maximum of 15 persons or say 15 rows in the theatre, because one person sits in one row.
With the third hint it is clear that Anu's row number was more than 3, because one of the persons Chang was in row number 10.

Case 1: When Anu's seat number is 5

Row number	Person
15	
14	
13	
12	
11	
10	Chang
9	
8	
7	
6	
5	Anu
4	
3	
2	
1	

Case 2: When Anu's seat number is 4

Row number	Person
12	
11	
10	Chang
9	
8	
7	
6	
5	
4	Anu
3	
2	
1	

Reference:

Era was immediately above Dia.
Dia's row number was six times as that of Bani's row number.

Inference:

Case 1 breaks into one more case i.e. Case 1A

Case 1A:

Row number	Case 1	Case 1A
	Person	Person
15		
14		
13		Era
12		Dia
11		
10	Chang	Chang
9		
8		
7	Era	
6	Dia	
5	Anu	Anu
4		
3		
2		Bani
1	Bani	

Case 2:

Row number	Person
12	
11	
10	Chang
9	
8	
7	Era
6	Dia
5	
4	Anu
3	
2	
1	Bani

Reference:

Fiza was seated in a prime numbered row somewhere above Era and was not neighbouring Chang.

Inference:

Case 2 fails, as the only prime numbered row above Era is 11, which is neighbouring Chang.

Case 1A fails, as there is no prime numbered row above Era.

Row number	Case 1
	Person
15	
14	
13	Fiza
12	
11	
10	Chang
9	
8	
7	Era
6	Dia
5	Anu
4	
3	
2	
1	Bani

Answers :

1. From Common Explanation we have

9 rows are vacant.

Hence option C is correct.

2. From Common Explanation we have

Fiza was in row number 13.

Hence option B is correct.

3. From Common Explanation we have

Row number 1 is vacant is the wrong statement.

Hence option D is correct.

4. From Common Explanation we have

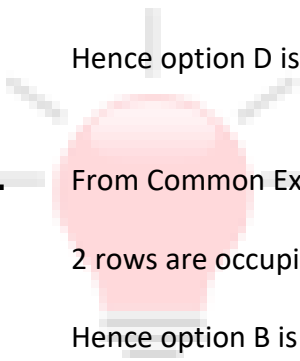
2 rows are occupied between Anu and Chang.

Hence option B is correct.

5. From Common Explanation we have

Row number 11 is vacant whereas other rows are occupied.

Hence option E is correct.



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