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## Puzzle test for IBPS PO Pre, SBI PO Pre, IBPS Clerk Mains and SBI Clerk Mains and Exams.

### PT Set No 185

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

A batting coach made an observation on the basis of the ranks of seven batsmen – Virat, Rahul, Shikhar, Rohit, Dhoni, Rishabh and Raidu in the previous practice matches.

The observations are:

No two batsmen get same rank.

Raidu always performs better than Virat.

Virat always performs better than Rahul.

Each time either Shikhar tops the practice match and Dhoni gets the last rank, or Rohit tops the practice match and either Rishabh or Rahul gets the last rank.

**1. If Shikhar tops the match and Rohit performs better than Raidu and Rishabh, then which of the following is Rohit's rank?**

- A. 3                      B. 2                      C. 4                      D. Either 2 or 3                      E. None of these

**2. If Rohit tops the match and Rishabh performs better than Raidu, then which of the following ranks cannot be the possible rank of Rishabh?**

- A. 3                      B. 4                      C. 5                      D. 2                      E. All of these

**3. If Shikhar tops the match and Rishabh performs better than Raidu then which of the following statements isn't definitely true?**

- A. Dhoni performs worse than Virat.                      B. Rohit performs better than Rishabh.  
C. Raidu performs better than Dhoni.                      D. Rishabh performs better than Virat.                      E. All are false

**4. If Shikhar tops the practice match and Rahul's rank is fourth then which of the following batsmen performed worse than them?**

- A. Rishabh                      B. Rohit                      C. Raidu                      D. Both A and B                      E. All of these

**5. If Rahul gets the last rank, then which of the following ranks could not be possessed by Raidu?**

- A. 4                      B. 5                      C. 6                      D. 2                      E. 3

**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
B	C	B	D	C



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## Common explanations :

### Reference:

No two batsmen get same rank.  
Raidu always performs better than Virat.  
Virat always performs better than Rahul.

### Inference:

Thus we can say that in any case, Raidu performs better than Virat, who performs better than Rahul.

Raidu > Virat > Rahul

### Reference:

Each time either Shikhar tops the practice match and Dhoni gets the last rank, or Rohit tops the practice match and either Rishabh or Rahul gets the last rank.

### Inference:

Possibility 1: If Shikhar tops the practice match

Rank	Batsmen	Batsmen	Batsmen
1	Shikhar	Shikhar	Shikhar
2	Raidu	Rishabh/Rohit	Rishabh/Rohit
3	Rishabh/Rohit/Virat	Raidu	Rishabh/Rohit
4	Rishabh/Rohit/Virat/Rahul	Rishabh/Rohit/Virat	Raidu
5	Rishabh/Rohit/Virat/Rahul	Rishabh/Rohit/Virat/Rahul	Virat
6	Rishabh/Rohit/Rahul	Rishabh/Rohit/Rahul	Rahul
7	Dhoni	Dhoni	Dhoni

Possibility 2: If Rohit tops the practice match and Rishabh gets last rank

Rank	Batsmen	Batsmen	Batsmen
1	Rohit	Rohit	Rohit
2	Raidu	Dhoni/Shikhar	Dhoni/Shikhar
3	Dhoni/Shikhar/Virat	Raidu	Dhoni/Shikhar
4	Dhoni/Shikhar/Virat/Rahul	Virat/Dhoni/Shikhar	Raidu
5	Dhoni/Shikhar/Virat/Rahul	Dhoni/Shikhar/Virat/Rahul	Virat
6	Dhoni/Shikhar/Rahul	Dhoni/Shikhar/Rahul	Rahul
7	Rishabh	Rishabh	Rishabh

Possibility 2A: If Rohit tops the practice match and Rahul gets last rank

Rank	Batsmen	Batsmen	Batsmen	Batsmen
1	Rohit	Rohit	Rohit	Rohit
2	Raidu	Dhoni/Shikhar/ Rishabh	Dhoni/Shikhar/ Rishabh	Dhoni/Shikhar/ Rishabh
3	Dhoni/Shikhar/Virat/Rishabh	Raidu	Dhoni/Shikhar/ Rishabh	Dhoni/Shikhar/Rishabh
4	Dhoni/Shikhar/Virat/Rishabh	Virat/Dhoni/ Shikhar/Rishabh	Raidu	Dhoni/Shikhar/Rishabh
5	Dhoni/Shikhar/Virat/Rishabh	Dhoni/Shikhar/ Virat/Rishabh	Virat/ Dhoni/Shikhar/ Rishabh	Raidu
6	Dhoni/Shikhar/ Rishabh/Virat	Dhoni/Shikhar/ Virat/Rishabh	Virat/ Dhoni/Shikhar/ Rishabh	Virat
7	Rahul	Rahul	Rahul	Rahul



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## Answers :

1. Following the common explanation, we have

If Shikhar tops the match and Rohit performs better than Raidu and Rishabh, then Rohit's rank is 2.

Hence option B is correct.

2. Following the common explanation, we have

If Rohit tops the match and Rishabh performs better than Raidu, then Rishabh's rank could be 2,3 or 4, but cannot be 5 or 6.

Hence option C is correct.

3. Following the common explanation, we have

If Shikhar tops the match and Rishabh performs better than Raidu then Rohit performs better than Rishabh is not a definitely true statement.

Hence option B is correct.

4. Following the common explanation, we have

If Shikhar tops the match and Rahul's rank is fourth then Rishabh and Rohit performed worse than Rahul.

Hence option D is correct.

5. Following the common explanation, we have

If Rahul gets the last rank, then rank number 6 cannot be of Raidu.

Hence option C is correct.





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