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Puzzle test exercise for IBPS PO Pre, IBPS SO pre, IBPS clerk, SBI PO pre and SBI Clerk exams

PUZZLE TEST SET NO. 90

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

Five candidates – Suraj, Dillip, Bholu, Punet and Rashi participated in SBI Clerk 2018. The exam was conducted in two parts – Prelims and Mains. Each candidate scored different marks at the exams and each candidate got a rank according to his score. The rank- 1 candidate scored maximum marks in the exam and the rank-5 candidate scored least marks in the exam. Each candidate got top five ranks in these two exams in any order. We have the following additional information:

No candidate got the same rank in both exams.

No two candidates got the same rank in any exam.

Suraj scored more marks than Bholu in that exam in which Punet scored better than Rashi.

Dillip's rank in the Prelims exam was better than his rank in the Mains exam but he was not ranked least in any of the exams.

Rashi scored more marks in the Mains exam than Punet.

Sum of ranks of Bholu was 4 and the sum of ranks of any other candidate was not 4.

The rank of Dillip in one of the exams is same as the rank of Bholu in other exam.

The number of candidates who scored less marks than Punet in Prelims exam was same as the number of candidates who scored less marks in Mains exam than Rashi.

1. Who among the following got top rank in Prelims exam?

A. Bholu   B. Rashi   C. Suraj

D. Punet   E. Dillip

2. What was the rank of Bholu in Mains exam?

A. 1   B. 2   C. 3

D. 4   E. 5

3. Who among the following has minimum sum of ranks in both the exams?

A. Bholu   B. Dillip   C. Punet

D. Rashi   E. Suraj

4. Find the odd one out.

A. Suraj - Prelims – 1   B. Rashi - Mains – 4   C. Punet - Prelims - 5

D. Dilip - Mains – 3   E. None of these

5. How many persons got the rank after Bholu in Prelims exam?

A. None   B. One   C. Two

D. Three   E. None of these.

Correct answers:

1	2	3	4	5
C	A	E	C	A

Common Explanation:

Reference:

Each candidate scored different marks at the exams and each candidate got a rank according to his score. The rank- 1 candidate scored maximum marks in the exam and the rank-5 candidate scored least marks in the exam. No candidate got the same rank in both exams.
No two candidates got the same rank in any exam.

Inference:

We will keep this information in mind while solving the puzzle.

Reference:

Sum of ranks of Bholu was 4 and the sum of ranks of any other candidate was not 4.

Inference:

Here we have two possible scenarios in which sum of ranks of Bholu in both exams can be 4 and has different ranks in both exams.

Case 1:

Rank	Prelims	Mains
1	Bholu	
2		
3		Bholu
4		
5		

Case 2:

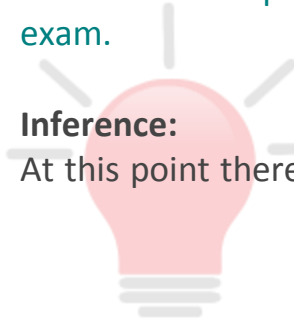| Rank	Prelims	Mains
1		Bholu
2		
3	Bholu	
4		
5		

Reference:

Dillip's rank in the Prelims exam was better than his rank in the Mains exam but he was not ranked least in any of the exams.
The rank of Dillip in one of the exams is same as the rank of Bholu in other exam.

Inference:
At this point there are three possible scenarios in above hints can be used.

Case 1:

Rank	Prelims	Mains
1	Bholu	
2		
3	Dillip	Bholu
4		Dillip
5		

Case 2-A:

Rank	Prelims	Mains
1		Bholu
2	Dillip	
3	Bholu	Dillip
4		
5		

Case 2-B:

Rank	Prelims	Mains
1	Dillip	Bholu
2		
3	Bholu	
4		Dillip
5		

Reference:

The number of candidates who scored less marks than Punet in Prelims exam was same as the number of candidates who scored less marks in Mains exam than Rashi.

Rashi scored more marks in the Mains exam than Punet.

Suraj scored more marks than Bholu in that exam in which Punet scored better than Rashi.

Inference:

Here, we cannot place Suraj, Punet and Rashi according to the given conditions in case 1 and case 2-B so we can say that **case 1 and case 2-B are invalid cases.**

After using the above hints case 2-A can be redrawn as:

Case 2-A:

Rank	Prelims	Mains
1	Suraj	Bholu
2	Dillip	Suraj
3	Bholu	Dillip
4	Punet	Rashi
5	Rashi	Punet

Explanations:

1.

Following the final solution we can say that Suraj got top rank in Prelims exam.

Hence, the correct answer is option C.

2.

Following the final solution we can say that Bholu got 1st rank in Mains exam.

Hence, the correct answer is option A.

3.

Following the final solution we can say that Suraj has minimum sum of ranks in both the exams.

Hence, the correct answer is option E.

4.

Following the final solution we can say that Punet got 4th rank in Prelims exam.

Hence, the correct answer is option C.

5.

Following the final solution we can say that only two person got the rank after Bholu in Prelims exam.

Hence, the correct answer is option A.