



Friends!

We Used **Smartkeeda** and cracked Bank Exams

बैंक परीक्षाओं के लिए निश्चित रूप से

सर्वश्रेष्ठ मॉक टेस्ट सीरीज



AKSHIT ARORA
IBPS RRB PO 2023



DHRUBAJYOTI DEB
IBPS RRB PO 2023



AKARSHAN TIWARI
IBPS RRB PO 2023



MRINAL BANERJEE
IBPS RRB PO 2023



AAKASH PATHANIA
IBPS RRB PO 2023



ARUNITA MAITRA
IBPS RRB PO & OA 2023



ANJUSHREE GHOSH
IBPS RRB PO 2023



SUMAN KUMAR
IBPS RRB PO 2023



ARNAB BOSE
IBPS RRB PO & OA 2023



PUJA KUMARI
IBPS RRB PO & OA 2023



DHAIRYA GAUR
IBPS RRB PO 2023



LALIT YADAV
IBPS RRB PO 2023

It's Your Turn Now
Take A Free Mock Test

USE CODE

FEST24 for 10% OFF

Puzzle Test Questions for IBPS PO PRE, SBI PO PRE, SBI CLERK MAINS & IBPS CLERK MAINS

Set No 34

Direction: Read the given information carefully and answer the questions given beside:

Eight runners – Aditya, Chunnu, Golu, Mamu, Anuj, Ankit, Amit and Bholu from different cities – Ranchi, Agra, Jaipur, Mumbai, Pune, Kota, Delhi and Goa not necessarily in the same order participated in a race. The ranks of these players were different from 1 – 8 not necessarily in the same order.

The sum of the ranks of runners Mamu and Ankit together is equal to the rank of the runner from Kota.

The rank of the runner from Mumbai and Golu together was equal to rank of Anuj.

Chunnu's rank was twice the rank of Golu.

The runner from Ranchi was 3 ranks lower than the runner from Mumbai.

Anuj's rank was thrice the rank of Ankit.

Aditya's rank was more than the rank of Golu.

Bholu was from Goa and the runner from Kota did not have 3rd rank.

The rank of the runner from Jaipur was twice the rank of the runner from Delhi.

The rank of the runners from Agra and Delhi together was equal to the rank of the runners from Goa and Pune.

1. What is the rank of the runner from Pune?

- A. 1st B. 3rd C. 4th D. 6th E. None of these

2. How many persons finished after the runner from Pune?

- A. 1 B. 2 C. 3 D. 4 E. None of these

3. Who among the following was from Kota?

- A. Anuj B. Ankit C. Amit D. Chunnu E. None of these

4. Who among the following scored first rank?

- A. Bholu B. Aditya C. Ankit D. Mamu E. None of these

5. What is the difference of the ranks of the runner from Jaipur and Bholu?

- A. 1 B. 2 C. 3 D. 5 E. None of these

Correct Answers:

1	2	3	4	5
D	B	C	A	E

Common explanation:**Reference:**

Anuj's rank was thrice the rank of Ankit.

Inference:

Here, we have two possible scenarios in which can use the above hint accordingly

Case 1:

Rank	Runner	City
1	Ankit	
2		
3	Anuj	
4		
5		
6		
7		
8		

Case 2:

Rank	Runner	City
1		
2	Ankit	
3		
4		
5		
6	Anuj	
7		
8		

Reference:

The rank of the runner from Mumbai and Golu together was equal to rank of Anuj.
The runner from Ranchi was 3 ranks lower than the runner from Mumbai.

Inference:

At this point we can use the above hint easily in our case 1 but there are three possible scenarios in which we can use the above hints accordingly.

Case 1:

Rank	Runner	City
1	Ankit	Mumbai
2	Golu	
3	Anuj	
4		Ranchi
5		
6		
7		
8		

Case 2:

Rank	Runner	City
1	Golu	
2	Ankit	
3		
4		
5		Mumbai
6	Anuj	
7		
8		Ranchi

Case 2-A:

Rank	Runner	City
1		Mumbai
2	Ankit	
3		
4		Ranchi
5	Golu	
6	Anuj	
7		
8		

Case 2-B:

Rank	Runner	City
1		
2	Ankit	Mumbai
3		
4	Golu	
5		Ranchi
6	Anuj	
7		
8		

SmartKeeda
The Question Bank

Reference:

Chunnu's rank was twice the rank of Golu.
Aditya's rank was more than the rank of Golu.

Inference:

Using the above hint we can say that our **Case 1 and Case 2 fails** because we cannot Aditya in these cases without contradicting the hint that Aditya's rank was more than the rank of Golu.

Case 2-A fails because we cannot place Chunnu in this case without contradicting the hint that Chunnu's rank was twice the rank of Golu.

Now, only case 2-B remains and here we can use the above hints in case 2-B in two different ways as shown below:

Case 2-B:

Rank	Runner	City
1	Aditya	
2	Ankit	Mumbai
3		
4	Golu	
5		Ranchi
6	Anuj	
7		
8	Chunnu	

Case 2-C:

Rank	Runner	City
1		
2	Ankit	Mumbai
3	Aditya	
4	Golu	
5		Ranchi
6	Anuj	
7		
8	Chunnu	

Reference:

The sum of the ranks of runners Mamu and Ankit together is equal to the rank of the runner from Kota.
Bholu was from Goa and the runner from Kota did not have 3rd rank.

Inference:

After using the above information both of our cases can be redrawn as:

Case 2-B:

Rank	Runner	City
1	Aditya	
2	Ankit	Mumbai
3	Bholu	Goa
4	Golu	
5	Mamu	Ranchi
6	Anuj	
7		Kota
8	Chunnu	

Case 2-C:

Rank	Runner	City
1	Bholu	Goa
2	Ankit	Mumbai
3	Aditya	
4	Golu	
5	Mamu	Ranchi
6	Anuj	
7		Kota
8	Chunnu	

Reference:

The rank of the runner from Jaipur was twice the rank of the runner from Delhi.

Inference:

Here, we have four possible combinations in which the runner from Jaipur can achieve twice the rank of the runner from Delhi.

Combination 1: Runner from Delhi = 1 Runner from Jaipur = 2

Combination 2: Runner from Delhi = 2 Runner from Jaipur = 4

Combination 3: Runner from Delhi = 3 Runner from Jaipur = 6

Combination 4: Runner from Delhi = 4 Runner from Jaipur = 8

At this point, we can use combination 4 in our case 2-B, and combination 3 and 4 in our case 2-C. As shown below:

Case 2-B:

Rank	Runner	City
1	Aditya	
2	Ankit	Mumbai
3	Bholu	Goa
4	Golu	Delhi
5	Mamu	Ranchi
6	Anuj	
7		Kota
8	Chunnu	Jaipur

Case 2-C:

Rank	Runner	City
1	Bholu	Goa
2	Ankit	Mumbai
3	Aditya	Delhi
4	Golu	
5	Mamu	Ranchi
6	Anuj	Jaipur
7		Kota
8	Chunnu	

Case 2-D:

Rank	Runner	City
1	Bholu	Goa
2	Ankit	Mumbai
3	Aditya	
4	Golu	Delhi
5	Mamu	Ranchi
6	Anuj	
7		Kota
8	Chunnu	Jaipur

Reference:

The rank of the runner from Agra and Delhi together was equal to the rank of the runners from Goa and Pune.

Inference:

Here, we cannot fix the position of Delhi and Agra in our case 2-B and case 2-C according to the given hints. So, we can say that these cases are invalid.

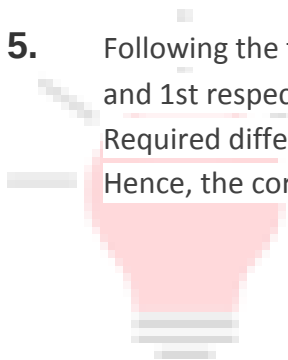
And after that we can fix the position of Delhi and Agra in our case 2-D and can place Amit at 7th position.

Case 2-D:

Rank	Runner	City
1	Bholu	Goa
2	Ankit	Mumbai
3	Aditya	Agra
4	Golu	Delhi
5	Mamu	Ranchi
6	Anuj	Pune
7	Amit	Kota
8	Chunnu	Jaipur

Answers :

1. Following the final solution we can say that the rank of the runner from Pune was 6th.
Hence, the correct answer is option D.
2. Following the final solution we can say that 2 persons finished after the runner from Pune.
Hence, the correct answer is option B.
3. Following the final solution we can say that Amit was from Kota.
Hence, the correct answer is option C.
4. Following the final solution we can say that Bholu scored first rank.
Hence, the correct answer is option A.
5. Following the final solution we can say that the ranks of the runner from Jaipur and Bholu were 8th and 1st respectively.
Required difference = $8 - 1 = 7$
Hence, the correct answer is option E.



SmartKeeda
The Question Bank



Smartkeeda

The Question Bank

Presents

Testzone

India's Leading Test Series Platform

**All Banks Exams
2024-25**

12 Months Plan

@Just

Rs. 764

To get 10% Off use code **FEST24**

- ✓ **Brilliant Test Analysis**
- ✓ **Excellent Content**
- ✓ **Unmatched Explanation**

Buy Now

