

- Friends! We Used Smartkeeda and cracked Bank Exams बैंक परीक्षाओं के लिए निहिचत रूप से

सर्वश्रेष्ठ मॉक टेस्ट सीरीज



AKSHIT ARORA IBPS RRB PO 2023



AAKASH PATHANIA



DHRUBAJYOTI DEB IBPS RRB PO 2023



AKARSHAN TIWARI IBPS RRB PO 2023



MRINAL BANERJEE IBPS RRB PO 2023



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



PUJA KUMARI IBPS RRB PO & OA 2023 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 37

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

Eight persons Ashu, Anshu, Amir, Arush, Anuj, Ankur, Ayush and Amar appeared in an examination and scored some marks (out of 100) 10, 24, 26, 36, 40, 50, 90 and 100 not necessarily in the same order.

Marks of Anuj were more than Amar. Marks of Ashu and Anshu together were equal to Ankur. Amir got less marks than Arush. Marks of Amir and Arush together were equal to the marks of Anshu. Not more than 3 persons got less marks than Arush. Marks of Anshu, Amir and Arush together were equal to Ayush.

1. Who among the following got highest marks?

A. Anshu	B. Ayush	C. Ankur			D. Anuj	E. None of these	
2. Who among the following got lowest marks?							
A. Ami <mark>r</mark>	B. Ashu	- 3	C. Am	nar		D. Anuj	E. None of these
3 What is t	the differ	anco hot	woon t	ho mar	ks of A	wich and A	schu 2
J. Wildt is	une uniere	ence bei	ween	ne mar	KS UI A	iyush ahu A	Silu :
A. 10	B. 24		C. 40			D. 60	E. None of these
4. What is	the sum o	f the ma	arks of	Anui an	id Ama	ır?	
				, ,			
A. 140	B. 62		C. 50			D. 34	E. None of these
5. What is the average of the sum of the marks of Ankur, Anshu and Ashu?							
A. 60	B. 25		C. 50			D. 20	E. None of these
Correct Answers:							
	1	2	3	4	5		
	<u>–</u> В	C	D	E	A	-	
	L			1	<u>I</u>		

Common explanation:

Reference:

Not more than 3 persons got less marks than Arush.

Inference:

Here, there are there possible scenarios in which we can use the above information accordingly.

Case 1:

No one got less marks than Arush.

Marks	Person
100	
90	
50	
40	
36	
26	
24	
10	Arush

Case 2:

Only one person got less marks than Arush.

Marks	Person	
100		
90		
50		
40		
36		
26		
24	Arush	
10		

The Question Bank

Case 3:

Two persons got less marks than Arush.

Marks	Person
100	
90	
50	
40	
36	
26	Arush
24	
10	

Case 4:

Three persons got less marks than Arush.

Marks	Person
100	
90	
50	
40	
36	Arush
26	
24	
10	

Reference:

Amir got less marks than Arush. Marks of Amir and Arush together were equal to the marks of Anshu.

Inference:

Using the above information we can say that our **Case 1 fails** because in case 1 it is clear that no one got less marks than Arush which is contradicting with the given hints so we can say that this is an invalid case.

In our case 2 we can fix the position of Amir and can confirm that Amir got 10 marks. But when we move on to the next hint we will see that the total marks of Amir and Arush is 34 and after this we cannot place Anshu in the table under these conditions because no one got 34 marks in the exam. So, we can say that **Case 2 fails**.

In our case 3 the possible marks for Amir are 24 and 10.

If Amir got 24 marks then the total score of Amir and Arush is 50. After that we can say that Anshu got 50 marks.

Case 3:

Marks	Person
100	
90	
50	Anshu
40	
36	
26	Arush
24	Amir
10	

If Amir got 10 marks then the total score of Amir and Arush is 36. After that we can say that Anshu got 36 marks.

Case 3-A:

Marks	Person
100	
90	
50	
40	
36	Anshu
26	Arush
24	
10	Amir

Similarly, in case 4 the possible marks of Amir are 26, 24 and 10.

If Amir got 26 marks then the total score of Amir and Arush is 62. After that we can say that Anshu got 62 marks which is not possible under the given conditions as no one got 62 marks.

If Amir got 24 marks then the total score of Amir and Arush is 60. After that we can say that Anshu got 60 marks which is also not possible under the given conditions as no one got 60 marks.

If Amir got 10 marks then the total score of Amir and Arush is 46. After that we can say that Anshu got 46 marks which is again not possible under the given conditions as no one got 46 marks.

So, we can say that **Case 4 fails**.

Reference:

Marks of Anshu, Amir and Arush together were equal to Ayush.

Inference:

Using the given hint in Case 3 we can say that Ayush got 100 marks and 72 marks in case 3-A.

Here, 72 marks is not possible for Arush as no one got 72 marks. So, we can say that Case 3-A fails.

Case 3:

Marks	Person
100	Ayush
90	
50	Anshu
40	
36	
26	Arush
24	Amir
10	

Reference:

Marks of Ashu and Anshu together were equal to Ankur.

Inference:

Here the only possible scenario in which we can use the above information under the given conditions is when the marks of Ashu were 40 and Ankur was 90 as shown in the table below:

Case 3:

Marks	Person
100	Ayush
90	Ankur
50	Anshu
40	Ashu
36	
26	Arush
24	Amir
10	

Reference:

Marks of Anuj were more than Amar.

Inference:

We can use the above information easily and figure out the marks of all of them.

Case 3:

Marks	Person
100	Ayush
90	Ankur
50	Anshu
40	Ashu
36	Anuj
26	Arush
24	Amir
10	Amar

Answers :

- **1.** Following the final solution, we can say that Ayush got highest marks. Hence, the correct answer is option B.
- **2.** Following the final solution, we can say that Amar got lowest marks. Hence, the correct answer is option C.
- Following the final solution, we can say that the marks of Ayush and Ashu were 100 and 40 respectively.
 Required Difference = 100 40 = 60 Hence, the correct answer is option D.
- Following the final solution, we can say that the marks of Anuj and Amar were 36 and 10 respectively.
 Required Sum = 36 + 10 = 46
 Hence, the correct answer is option E
- 5. Following the final solution, we can say that the marks of Ankur, Ashu and Anshu were 90, 50 and 40 respectively. Required Average = $(90 + 50 + 40) \div 3 = 60$

Hence, the correct answer is option A.

Smartkeeda The Question Bank

Presents

Testzone India's Leading Test Series Platform

All Banks Exams 2024-25 12 Months Plan QJust

^{Rs.} 764

To get 10% Off use code FEST24

✓ Brilliant Test Analysis
 ✓ Excellent Content
 ✓ Unmatched Explanation

Buy Now