Puzzle Test Exercise for IBPS PO Pre, IBPS Clerk, SBI PO Pre and SBI Clerk

Puzzle test set no 130

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

Seven persons – Tina, Pari, Antu, Reta, Menu, Usha and Asha took a test on different days of a week starting Monday to Sunday but not necessarily in the same order. Each of them scored different marks.

Antu took the test on Wednesday and the marks scored by him is an odd number. The one who took the test on Friday scored four marks. Only twenty four marks in total were scored before Thursday. The marks scored by each of the persons who take the test on the first four days of the week are multiple of three. Only six marks were scored on Tuesday. Reta took the test on Saturday and she scored two marks less than Usha. Asha took the test before Tina. Maximum marks were scored on Monday. Usha took the test on Thursday. Pari scored twice the marks scored by Menu. The marks scored by Menu are one less than the marks scored by Antu. The marks scored by Usha were an even number.

1. Who among the following scored highest marks?

A. Asha   B. Tina   C. Pari

D. Menu   E. None of these

2. How many marks were scored by the person who took the test two days before Usha?

A. 16   B. 12   C. 9

D. 10   E. None of these

3. Who among the following was the last person to take the test?

A. Tina
B. Menu
C. Pari

D. Reta
E. None of these

4. What was the difference between the total marks scored before Thursday and the total marks scored after Thursday?

A. 10
B. 11
C. 7

D. 8
E. None of these

5. What is the sum of the marks of Tina and Pari?

A. 9
B. 6
C. 10

D. 11
E. 7

Correct answers:

1	2	3	4	5
A	E	B	D	C

Common explanation:

Reference:

Seven persons – Tina, Pari, Antu, Reta, Menu, Usha and Asha took a test on different days of a week starting Monday to Sunday but not necessarily in the same order. Each of them scored different marks.

Inference:

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

Reference:

Usha took the test on Thursday.

Only six marks were scored on Tuesday.

The one who took the test on Friday scored four marks.

Inference:

We can use the given easily to construct a following table.

Day	Person	Marks
Monday		
Tuesday		6
Wednesday		
Thursday	Usha	
Friday		4
Saturday		
Sunday		

Reference:

Only twenty four marks in total were scored before Thursday.

Maximum number of marks were scored on Monday.

The marks scored by each of the persons who take the test on the first four days of the week are multiple of three.

Inference:

Here, we already figured out that 6 were scored on Tuesday.

So, the sum marks scored on Monday and Wednesday will be 24 – 6 = 18.

Now, the possible combinations of marks scored Monday and Wednesday given that the marks scored on Monday and Wednesday were the multiple of three.

Combination 1:

15 + 3 = 18

To make the combination valid 15 marks must be scored on Monday as it is given that the marks scored on Monday were maximum.

Day	Person	Marks
Monday		15
Tuesday		6
Wednesday		3
Thursday	Usha	
Friday		4
Saturday		
Sunday		

Combination 2:

9 + 9 = 18

Here, 9 marks cannot be scored twice as we know that each of the person scored different marks.

So, we can say that **combination 2 is invalid.**

Combination 3:

12 + 6 = 18

Here, 6 marks cannot be scored on Monday or Wednesday as we know that each of the person scored different marks and 6 marks are already scored on Tuesday.

So, we can say that **combination 3 is invalid.**

Here, we will make a mental note of information that the marks scored on Tuesday were in multiple of three.

Reference:

Antu took the test on Wednesday and marks scored by him is an odd number.

Reta took the test on Saturday and he scored two marks less than Usha.

The marks scored by Usha were in even number.

Inference:

Here, the only possible scenario for the marks is Usha is when Usha score twelve marks as this is the only multiple of three which is less than 15 apart from 6 and 0 which are not possible in this case.

Now, we have figured out that Usha got 12 marks then the marks Reta must be 12 – 2 = 10.

Day	Person	Marks
Monday		15
Tuesday		6
Wednesday	Antu	3
Thursday	Usha	12
Friday		4
Saturday	Reta	10
Sunday		

Reference:

The marks scored by Menu is one less than the marks scored by Antu.

Inference:

As we have already figured out that Antu scored 3 marks so the number of marks scored by Menu is 3 − 1 = 2.

Now, Menu must have Taken the test on Sunday as this is the only possible scenario for Menu to score 12 marks.

Day	Person	Marks
Monday		15
Tuesday		6
Wednesday	Antu	3
Thursday	Usha	12
Friday		4
Saturday	Reta	10
Sunday	Menu	2

Reference:

Asha took the test before Tina.

Pari scored twice marks scored by Menu.

Inference:

Using the given hints we can figure the day of test and the number of the marks of Asha, Tina and Pari.

Day	Person	Marks
Monday	Asha	15
Tuesday	Tina	6
Wednesday	Antu	3
Thursday	Usha	12
Friday	Pari	4
Saturday	Reta	10
Sunday	Menu	2

Explanations:

1). Following the final solution we can say that Asha scored the highest marks.

Hence, the correct answer is option A.

2). Following the final solution we can say that 6 marks were scored by the person who took the test two days before Usha.

Hence, the correct answer is option E.

3). Following the final solution we can say that Menu was the last person to take the test.

Hence, the correct answer is option B.

4). Following the final solution we can say that the total marks scored before Thursday were 24 and the total marks scored after Thursday were 4 + 10 + 2 = 16.

Required Difference = 24 – 16 = 8

Hence, the correct answer is option D.

5). Following the final solution we can say that the marks of Tina and Pari were 6 and 4 respectively.

Required Sum = 6 + 4 = 10

Hence, the correct answer is option C.