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

### Set No 101

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

Eight friends Pratheep, Rahim, Tushar, Uday, Ximon, Yadav, Wafiq and Zaheer have their birthday on either 17th or 28th of four different months among May, June, July and September but not necessarily in the same order. Ximon has birthday on 17th of a month of 31 days. Only one person has birthday before Rahim. Number of persons having birthday between Rahim and Uday is one more than the number of persons having birthday between Rahim and Ximon. Yadav and Zaheer have their birthdays in the same month having 30 days but not in the month of June. Wafiq's birthday is after Pratheep's birthday. Only three persons have birthday between Rahim and Tushar. Yadav don't have birthday before Zaheer.

**1. Who has birthday on 28th September?**

- A. Tushar      B. Zaheer      C. Uday      D. Yadav      E. None of these

**2. Who among the following have birthdays between 28th June and 17th September?**

- A. Only Wafiq      B. Only Tushar      C. Both Wafiq and Tushar      D. Both Tushar and Yadav  
E. None of these

**3. How many persons have their birthdays between Pratheep and Zaheer?**

- A. One      B. One      C. Three      D. Four      E. None of these

**4. On which of the following dates Uday has his birthday?**

- A. 28<sup>th</sup> September      B. 28<sup>th</sup> June      C. 17<sup>th</sup> September      D. 17<sup>th</sup> May      E. None of these

**5. Which of the following statements is correct?**

- I. Two persons have their birthdays between the birthday of Rahim and Uday.  
II. Wafiq's birthday is after Tushar's birthday.  
III. Ximon and Yadav have their birthdays in the beginning and end respectively.

- A. Only I and II      B. Only II      C. Only III      D. Only II and III      E. All of these

**Correct Answers:**

1	2	3	4	5
D	C	C	B	C

## Common explanation:

### References:

Only one person has birthday before Rahim.

Only three persons have birthday between Rahim and Tushar.

Ximon has birthday on 17<sup>th</sup> of a month of 31 days.

Number of persons having birthday between Rahim and Uday is one more than the number of persons having birthday between Rahim and Ximon.

Yadav and Zaheer have their birthdays in the same month having 30 days but not in the month of June. Yadav don't have birthday before Zaheer.

Wafiq's birthday is after Pratheep's birthday.

### Inferences:

From above statements,

Only one person has birthday before Rahim. Only three persons have birthday between Rahim and Tushar.

Here, Rahim has birthday on 28<sup>th</sup> of May month. Tushar has birthday on 28<sup>th</sup> of July month i.e. 3 persons have birthday between Rahim and Tushar's birthday.

Ximon has birthday on 17<sup>th</sup> of a month of 31 days.

Ximon has birthday on 17<sup>th</sup> of either May or July [May & July has 31 days]. Thus we get two possibilities.

Number of persons having birthday between Rahim and Uday is one more than the number of persons having birthday between Rahim and Ximon.

Case 1: Number of persons having birthday between Rahim and Ximon is zero (no has birthday in between) and then number of persons having birthday between Rahim and Uday is 1 i.e. Uday has birthday on 28<sup>th</sup> of June.

Case 2: Number of persons having birthday between Rahim and Ximon is 2 (two people has birthday in between) and then number of persons having birthday between Rahim and Uday is 3 i.e. Uday has birthday on 28<sup>th</sup> of July which is not possible [Tushar's birthday is on 28<sup>th</sup> July]. Hence this case can be eliminated.

Yadav and Zaheer have their birthdays in the same month having 30 days but not in the month of June. Yadav don't have birthday before Zaheer.

Zaheer and Yadav have their birthdays on 17<sup>th</sup> and 28<sup>th</sup> of September respectively [30 days month other than June]

Wafiq's birthday is after Pratheep's birthday.

Finally, Pratheep's birthday is on 17<sup>th</sup> of June and Wafiq's birthday is on 17<sup>th</sup> of July. Thus we get the completed table.

Case: 1			
Days	Month	Date	Person
31	May	17	Ximon
		28	Rahim
30	June	17	Pratheep
		28	Uday
31	July	17	Wafiq
		28	Tushar
30	Sep	17	Zaheer
		28	Yadav

Case: 2 [Eliminated] No place for Uday			
Days	Month	Date	Person
31	May	17	
		28	Rahim
30	June	17	
		28	
31	July	17	Ximon
		28	Tushar
30	Sep	17	
		28	

## Answers :

1. The following common explanation, we get "**Yadav-28th September**".

Hence, option D is correct.

2. The following common explanation, we get "**Both Wafiq and Tushar**".

Wafiq-17th July & Tushar-28th July

Hence, option C is correct.

3. The following common explanation, we get "**Three**".

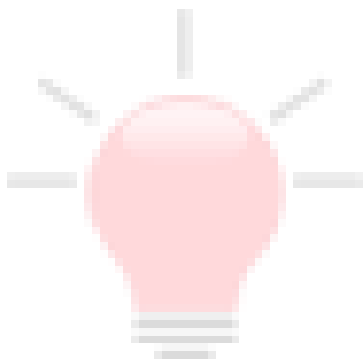
Hence, option C is correct.

**4.** From the following explanation we get “Uday – 28<sup>th</sup> June”.

Hence option B is correct.

**5.** From the following explanation, we get “Ximon and Yadav have their birthdays in the beginning and end respectively” is the true statement.

Hence option C is correct.



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