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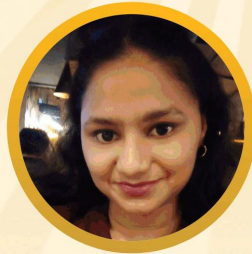
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# Puzzle Test Questions for SBI PO Pre, IBPS PO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

## Set No 78

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

Eight persons – Mali, Lala, Babu, Rajat, Gaur, Vinod, Plash and Joya were born in the years 1940, 1945, 1957, 1958, 1974, 1983, 1987 and 1991, but not necessarily in the same order. They were born on the same day i.e. on 1 January and assume all the age calculations were made as on 1 January 2008.

Vinod is not the youngest.

At least one person was born between Rajat and Vinod.

Gaur was born just after Lala.

Mali was thrice as old as Plash.

Plash and Joya were born at a gap of 2 persons.

Babu was twice as old as Lala.

**1. Who among the following was the eldest?**

- A. Rajat                      B. Mala                      C. Vinod                      D. Babu                      E. None of these

**2. Gaur was born in which of the following years?**

- A. 1987                      B. 1983                      C. 1958                      D. 1957                      E. 1991

**3. How many person(s) were born between Gaur and Mala?**

- A. One                      B. Two                      C. Three                      D. None                      E. More than three

**4. What is the sum of the ages of Lala and Rajat?**

- A. 70 Years                      B. 75 Years                      C. 55 Years                      D. 56 Years                      E. 51 Years

**5. Find the odd one out.**

- A. Babu - 63                      B. Rajat - 17                      C. Lata - 34                      D. Joya - 50                      E. Plash - 21

**Correct Answers:**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
D	B	C	E	

## Common explanation:

### Reference:

Eight persons – Mali, Lala, Babu, Rajat, Gaur, Vinod, Plash and Joya were born in the years 1940, 1945, 1957, 1958, 1974, 1983, 1987 and 1991, but not necessarily in the same order. They were born on the same day i.e. on 1 January and assume all the age calculations were made as on 1 January 2008.

### Inference:

Age of the persons born in the given years as on 1 January 2008 will be:

Year	Age
1940	68
1945	63
1957	51
1958	50
1974	34
1983	25
1987	21
1991	17

### Reference:

Mali was thrice as old as Plash.

Plash and Joya were born at a gap of 2 persons.

### Inference:

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

#### Case 1:

Age of Plash is 17 years, then age of Mala will be  $17 \times 3 = 51$  years

Year	Age	Person
1940	68	
1945	63	
1957	51	Mala
1958	50	
1974	34	Joya
1983	25	
1987	21	
1991	17	Plash

**Case 2:**

Age of Plash is 21 years, then age of Mala will be  $21 \times 3 = 63$  years

Year	Age	Person
1940	68	
1945	63	Mala
1957	51	
1958	50	Joya
1974	34	
1983	25	
1987	21	Plash
1991	17	

**Reference:**

Babu was twice as old as Lala.

Gaur was born just after Lala.

**Inference:**

After using the above hints, we have:

**Case 1:**

Year	Age	Person
1940	68	
1945	63	
1957	51	Mala
1958	50	Babu
1974	34	Joya
1983	25	Lala
1987	21	Gaur
1991	17	Plash

**Case 2:**

Year	Age	Person
1940	68	Babu
1945	63	Mala
1957	51	
1958	50	Joya
1974	34	Lala
1983	25	Gaur
1987	21	Plash
1991	17	

**Reference:**

At least one person was born between Rajat and Vinod.

Vinod was not the youngest.

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**Inference:**

At this point, we cannot fix the position of Rajat and Vinod in case 1 according to the given hints so we can say that **Case 1 is an invalid case.**

**Case 2:**

Year	Age	Person
1940	68	Babu
1945	63	Mala
1957	51	Vinod
1958	50	Joya
1974	34	Lala
1983	25	Gaur
1987	21	Plash
1991	17	Rajat

**Answers :**

1. Following the final solution, we can say that Babu was the eldest.

Hence, the correct answer is option **D**.

2. Following the final solution, we can say that Gaur was born in the year 1983.

Hence, the correct answer is option **B**.

3. Following the final solution, we can say that three persons were born between Gaur and Mala.

Hence, the correct answer is option **C**.

4. Following the final solution, we can say that the ages of Lala and Rajat are 34 years and 17 years.

**Required Sum =  $34 + 17 = 51$  years**

Hence, the correct answer is option **E**.

5. It is clearly shown in the table that the Babu's actual age is 68.

Hence, the option A is correct.



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