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Puzzle Test Questions for IBPS PO Pre, RRB Scale I Pre, SBI PO Pre, Syndicate Bank PO, Canara Bank PO, IBPS SO Pre, IBPS Clerk Mains and SBI Clerk Mains Exams.

Set No 150

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

Eight persons Pratheep, Qadir, Rakesh, Sahana, Tanvir, Udyam, Vanita and Wahab were born in different years 1987, 1989, 1991, 1992, 1993, 1994, 1997 and 1999 but not necessarily in the same order. The present ages can be calculated based on the year 2018.

Sahana is 5year old in 1998. There is a difference of one year between the ages of Sahana and Tanvir. Rakesh is three years elder to Tanvir. There is a difference of eight years between the ages of Rakesh and Udyam. Udyam is two years elder to Wahab. Pratheep's age is neither divisible by 2 nor 3. Vanita is younger to Qadir.

1. What is age of Sahana in the year 2016?

- A. 23 years B. 24 years C. 26 years D. 25 years E. None of these

2. Who among the following is/are elder to Qadir?

- I. Only Pratheep
II. One who was born in 1989
III. One who was born in 1993

- A. Only I B. Only I and III C. Only I and II D. Only I, II and III E. None of these

3. How many persons are younger than Vanita?

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

4. What is the age difference between Udyam and Qadir?

- A. 8 B. 7 C. 6 D. 10 E. None of these.

5. Which of the following persons born in leap year?

- A. Pratheep B. Tanvir C. Vanita D. Wahab E. None of these.

Correct Answers:

1	2	3	4	5
A	C	B	C	A

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COMMON EXPLANATION:

References:


Eight persons Pratheep, Qadir, Rakesh, Sahana, Tanvir, Udyam, Vanita and Wahab were born in different years 1987, 1989, 1991, 1992, 1993, 1994, 1997 and 1999 but not necessarily in the same order.

The present ages can be calculated based on the year 2018.

Inferences:

From above statements,

The present ages can be calculated based on the year 2018 as shown in table.



Born Year	Present age [2018]	Person
1987	31	
1989	29	
1991	27	
1992	26	
1993	25	
1994	24	
1997	21	
1999	19	

References:

Sahana is 5year old in 1998.

There is a difference of one year between the ages of Sahana and Tanvir.

Rakesh is three years elder to Tanvir.

There is a difference of eight years between the ages of Rakesh and Udyam.

Udyam is two years elder to Wahab.

Inferences:

From above statements,

Sahana is 5year old in 1998.

Then Sahana age is 25 in 2018 i.e. She was born in 1993.

There is a difference of one year between the ages of Sahana and Tanvir.

Tanvir was born either in 1992 or 1994, to make difference one between Sahana and Tanvir. By this we get two possibilities.

Rakesh is three years elder to Tanvir.

Case 1: Rakesh was born in 1989 [Tanvir = 26 years & Rakesh = 29 years]

Case 2: Rakesh was born in 1991 [Tanvir = 24 years & Rakesh = 27 years]

There is a difference of eight years between the ages of Rakesh and Udyam.

Case 1: Udyam was born in 1997 [Rakesh = 29 years & Udyam = 21 years]

Case 1: Udyam was born in 1999 [Rakesh = 27 years & Udyam = 19 years]

Udyam is two years elder to Wahab.

Case 1: Wahab was born in 1999 [Udyam = 21 years & Wahab = 19 years]

Case 2: Among given years, Udyam is youngest person. Therefore as per above statement, this case becomes invalid and it can be eliminated.



Case: 1 [If Tanvir born in 1992]		
Born Year	Present age [2018]	Person
1987	31	
1989	29	Rakesh
1991	27	
1992	26	Tanvir
1993	25	Sahana
1994	24	
1997	21	Udyam
1999	19	Wahab

Case: 2 [If Tanvir born in 1994] [Eliminated]		
Born Year	Present age [2018]	Person
1987	31	
1989	29	
1991	27	Rakesh
1992	26	
1993	25	Sahana
1994	24	Tanvir
1997	21	
1999	19	Udyam

References:

Pratheep's age is neither divisible by 2 nor 3.

Vanita is younger to Qadir.

Inferences:

From above statements,

Pratheep's age is neither divisible by 2 nor 3.

Pratheep was born neither born in 1991 (age 27) nor in 1994 (age 24). Therefore he was born in 1987 and his age is 31

Vanita is younger to Qadir.

Finally, Vanita was born in 1994 and Qadir was 1991.

Thus we get the completed table,

Case: 1 [If Tanvir born in 1992]		
Born Year	Present age [2018]	Person
1987	31	Pratheep
1989	29	Rakesh
1991	27	Qadir
1992	26	Tanvir
1993	25	Sahana
1994	24	Vanita
1997	21	Udyam
1999	19	Wahab

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Answers :

1. The following common explanation, we get "**Sahana age is 23 in the year 2016**".

Her Present age is 25 in the year 2018.

Hence, option A is correct.

2. The following common explanation, we get "**Only I and II**".

Pratheep (1987) & Rakesh (1989) are elder to Qadir (1991).

Hence, option C is correct.

3. The following common explanation, we get "**Two persons**".

Vanita was born in 1994.

Hence, option b is correct.

4. The following common explanation, we get the age difference between Udyam and Qadir = $27 - 21 = 6$ years.

Hence, option C is correct.

5. The following common explanation, we get Tanvir born in (1992) leap year.

Hence, option B is correct.

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