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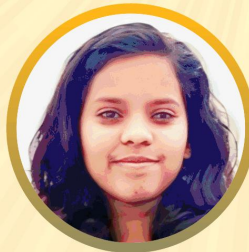
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Puzzle test exercise for IBPS PO Pre, IBPS SO pre, IBPS clerk and SBI PO pre exams

PUZZLE TEST SET NO. 95

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

There are six friends namely Arnav, Ayaan, Reyansh, Dhruv, Krishna and Ishaan. Each of them are working in different MNC's like TCS, Google, Infosys, CTS, HCL and Microsoft but not necessarily in the same order. Each of them is having different years of work experience among 3, 4, 6, 8, 11 and 12 but not necessarily in the same order.

Reyansh, who works in Microsoft, has 4 years experience more than that of Ayaan.

Dhruv, who works in Google, has 1 year experience more than that of Arnav.

The difference between the number of years in experience of the person who works in HCL and Ishaan, who works in CTS, is 2.

Krishna works in Infosys Company.

The person who works in TCS has experience of at most 10 years.

Questions:

1. How many years of experience does the one has who works in TCS?

A. 3 years

B. 4 years

C. 6 years

D. 8 years

E. None of the above

2. Who has the maximum years of experience?

- A. Arnav B. Ayaan C. Reyansh
D. Dhruv E. Krishna

3. What is the sum of the years of experience of both Ayaan and Arnav?

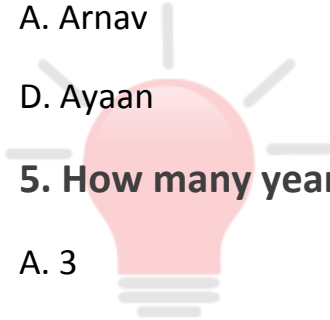
- A. 12 years B. 15 years C. 11 years
D. 16 years E. None of these

4. Which of the following persons works in HCL?

- A. Arnav B. Reyansh C. Krishna
D. Ayaan E. None of these.

5. How many years of experience does Krishna have?

- A. 3 B. 6 C. 11
D. 12 E. 8



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The Question Bank

Correct answers:

1	2	3	4	5
A	C	C	D	C

Common Explanation

References:

There are six friends namely Arnav, Ayaan, Reyansh, Dhruv, Krishna and Ishaan.

Each of them is having different years of work experience among 3, 4, 6, 8, 11 and 12 but not necessarily in the same order.

Reyansh, who works in Microsoft, has 4 years experience more than that of Ayaan.

Dhruv, who works in Google, has 1 year experience more than that of Arnav.

Inferences:

From above statements,

- **Reyansh's experience = Ayaan's experience + 4 years**
- Among given numbers there are two possibilities i.e. (4, 8) or (8, 12)
- Reyansh's experience = 8 years and Ayaan's experience = 4 years **[OR]** Reyansh's experience = 12 years and Ayaan's experience = 8 years.
- Reyansh works in Microsoft and Dhruv works in Google.
- **Dhruv's experience = Arnav's experience + 1 years**

- Case: 1, Dhruv's experience = 12 years and Arnav's experience = 11 years (Only possibility)
- Case: 2, Dhruv's experience = 4 years and Arnav's experience = 3 years (Only possibility)

By using above information, we get the initial table as follows,

Case: 1			Case: 2		
Person	MNC	Experience	Person	MNC	Experience
Arnav		11	Arnav		3
Ayaan		4	Ayaan		8
Reyansh	Microsoft	8	Reyansh	Microsoft	12
Dhruv	Google	12	Dhruv	Google	4
Krishna			Krishna		
Ishaan			Ishaan		

References:

The difference between the number of years in experience of the person who works in HCL and Ishaan, who works in CTS, is 2.

Krishna works in Infosys Company.

The person who works in TCS has experience of at most 10 years.

Inferences

From above statements,

- Ishaan works in CTS and Krishna works in Infosys.
- Given condition,

Difference = [Person who works in HCL – Ishaan] or [Ishaan- Person who works in HCL] = 2

- Case: 1 Remaining years left for case-1 is 3 and 6 years. So as per case-1 table, Ayaan works in HCL with 4 years experience and Ishaan works in CTS with 6 years experience. By this given condition satisfied. Also, Krishna has 3 years experience in Infosys. Finally, Arnav should work in CTS with 11 years experience which is not possible. Hence case-1 can be eliminated as shown in table.

Note: The person who works in TCS has experience of maximum 10 years (not exceed 10 years).

- Case: 2 Remaining years left for case-2 is 6 and 11 years. So as per case-2 table, Ayaan works in HCL with 8 years experience and Ishaan works in CTS with 6 years experience. By this given condition satisfied [**Difference = {Ayaan (HCL)} – {Ishaan (CTS)} = 8 – 6 = 2years**].
- Now as per condition, Arnav work in TCS with 3 years experience (Maximum 10, but it can be below 10 years)
- Finally, Krishna works in Infosys with 11 years experience. Thus we get the completed case as shown in table.

Case: 1 [Eliminated]			Case: 2		
Arnav/TCS-Maximum 10 years					
Person	MNC	Experience	Person	MNC	Experience
Arnav	TCS	11	Arnav	TCS	3
Ayaan	HCL	4	Ayaan	HCL	8
Reyansh	Microsoft	8	Reyansh	Microsoft	12
Dhruv	Google	12	Dhruv	Google	4
Krishna	Infosys	3	Krishna	Infosys	11
Ishaan	CTS	6	Ishaan	CTS	6

Explanations:

1.

The following common explanation, we get "Arnav-TCS-3 years".

Hence, option A is correct.

2.

The following common explanation, we get "Reyansh-Microsoft-12 years".

Hence, option C is correct.

3.

The following common explanation, we get "Ayaan-8 & Arnav-3", Sum = $8 + 3 = 11$ years.

Hence, option C is correct.

4.

In the following explanation it is clear that Ayaan works in HCL.

Hence, option D is correct.

5.

In the following common explanation it is clear that Krishna has 11 years of experience.

Hence, option C is correct.



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