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Date Interpretation Mixed Chart Questions Quiz for SBI PO Pre, IBPS PO Pre, SBI Clerk Mains and IBPS Clerk Mains Exams.

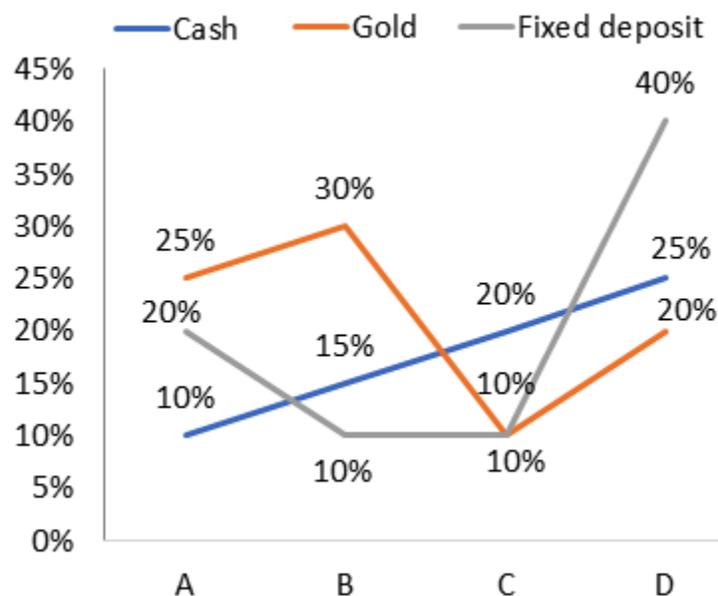
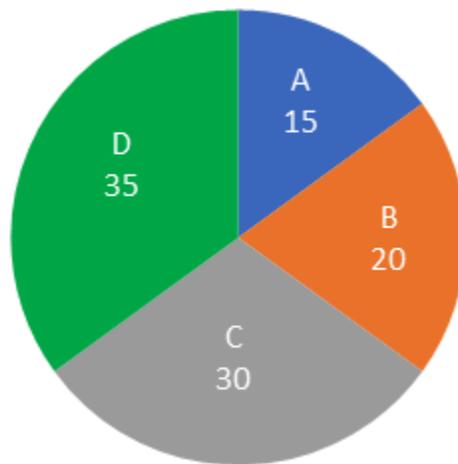
DI Mixed Chart Quiz 35

Directions : Study the following pie and line chart carefully and answer the questions given beside.

The following pie chart gives the information about the percentage breakup of the total assets of the family among four members of family. The line graph given below gives the information about the percentage distribution of assets in three forms, Cash, Gold, and Fixed deposit of each member.

The total assets of each member = Cash + Gold + Fixed deposit + Others

The total assets of the family = Rs. 75 lakhs



1. What are the total assets of the members C and B together in the form of Gold?

- A. 7.25 lakhs B. 7.75 lakhs C. 6.75 lakhs D. 6.25 lakhs E. None of these

2. The total assets of the members B and D together in the form of gold is how much more that of the members A and C together in the form of fixed deposit?

- A. Rs. 5.50 lakhs B. Rs. 5.75 lakhs C. Rs. 6.25 lakhs D. Rs. 5.25 lakhs E. None of these

3. What is the ratio of the total assets of the member B in the form of Cash to the total assets of the member D in the form of Gold?

- A. 4 : 7 B. 3 : 7 C. 1 : 2 D. 2 : 3 E. None of these

4. What is the difference between the total assets of the member A to the total assets of the member D in the form of others?

- A. Rs. 1.125 lakhs B. Rs. 1.75 lakhs C. Rs. 2.25 lakhs D. Rs. 2.75 lakhs E. None of these

5. Which of the following member have highest assets in the form of Gold?

- A. B B. C C. A D. D E. None of these

Correct Answers:

1	2	3	4	5
C	D	B	A	D

Explanations:

1. The total assets of member A = 15% of 75 = 11.25 lakhs

The total assets of member B = 20% of 75 = 15 lakhs

The total assets of member C = 30% of 75 = 22.5 lakhs

The total assets of member D = 35% of 75 = 26.25 lakhs

The total assets of the members C and B together in the form of Gold = 10% OF 22.5 LAKHS + 30% of 15 lakhs = 2.25 + 4.5 = 6.75 lakhs

Hence, option C is correct.

2. The total assets of member B = 20% of 75 = 15 lakhs

The total assets of member D = 35% of 75 = 26.25 lakhs

The total assets of the members B and D together in the form of gold = 30% of 15 lakhs + 20% of 26.25 lakhs = 4.5 lakhs + 5.25 lakhs = 9.75 lakhs

The total assets of member A = 15% of 75 = 11.25 lakhs

The total assets of member C = 30% of 75 = 22.5 lakhs

The total assets of the members A and C together in the form of fixed deposit = 20% of 11.25 lakhs + 10% of 22.5 lakhs = 2.25 + 2.25 = 4.5 lakhs

The required difference = 9.75 – 4.5 = 5.25 lakhs

Hence, option D is correct.

3. The total assets of member B in the form of cash = 15% of 15 lakhs = 2.25 lakhs

The total assets of member D in the form of gold = 20% of 26.25 lakhs = 5.25 lakhs

The required ratio = 2.25 : 5.25 = 3 : 7

Hence, option B is correct.

4. The total assets of member A = 15% of 75 = 11.25 lakhs

total assets of the member A in the forms of others = (100 – 10 – 20 – 25)% of 11.25

45% of 11.25 = 5.0625 lakhs

The total assets of member D = 35% of 75 = 26.25 lakhs

total assets of the member D in the forms of others = (100 – 20 – 25 – 40)% of 26.25 = 15% of 26.25 = 3.9375 lakhs

The required difference = 5.0625 – 3.9375 = 1.125 lakhs

Hence, option A is correct.

5. The total assets of member A = 15% of 75 = 11.25 lakhs

In the form of gold = 25% of 11.25 = 2.8125 lakhs

The total assets of member B = 20% of 75 = 15 lakhs

In the form of gold = 30% of 15 = 4.5 lakhs

The total assets of member C = 30% of 75 = 22.5 lakhs

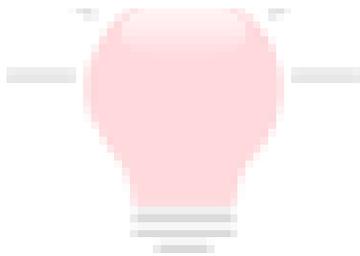
In the form of gold = 10% of 22.5 = 2.25 lakhs

The total assets of member D = 35% of 75 = 26.25 lakhs

In the form of gold = 20% of 26.25 lakhs = 5.25 lakhs

It is clear that the member D have highest assets in the form of gold

Hence, option D is correct.



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