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Date Interpretation Info Chart Questions Quiz for IBPS PO Pre, SBI PO Pre, IBPS Clerk Mains, RRB Scale I Pre, IBPS SO Pre, Canara Bank, Syndicate Bank and SBI Clerk Mains Exams.

DI Info Chart Quiz 20

Directions: Study the given information carefully to answer the questions.

A father divided his property between two sons A and B and one daughter C. The person has Rs. 80000 in cash, Rs. 5 lakhs as land and Rs. 6 lakhs as gold. He gave half of the gold to his daughter and remaining gold divided between sons in equal proportion. He gave only 20% of total land to his daughter and divided the remaining land between sons A and B in the ratio of 3 : 1 respectively on the condition that the child who received highest share of land will give Rs. 2500 per month to his father. He gave 75% of the total cash amount to his daughter and remaining cash amount was divided between sons in equal proportion.

1. How much total property (in cash, land and Gold together) did C get?

A. Rs. 4.9 lakhs B. Rs. 4.6 lakhs C. Rs. 4.7 lakhs D. Rs. 4.8 lakhs E. None of these

2. The share of son A in total property was how much more than that of son B in total property?

A. Rs. 2 lakhs B. Rs. 2.1 lakhs C. Rs. 1.9 lakhs D. Rs. 2.2 lakhs E. None of these

3. After dividing the property, the father had lived for another 10 years, then the son who had received the highest share of land was left with how much total property after 10 years ?

A. Rs. 2.6 lakhs B. Rs. 1.4 lakhs C. Rs. 1.65 lakhs D. Rs. 1.6 lakhs E. None of these

4. The share of land received by Son A was how much percentage more than that by daughter C?

A. 300% B. 200% C. 150% D. 100% E. None of these

5. What was the respective ratio of the total property received by son A and that by son B?

A. 21 : 11 B. 2 : 1 C. 25 : 13 D. 23 : 13 E. None of these

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Correct Answers:

1	2	3	4	5
B	A	D	B	D

COMMON EXPLANATION :

The total share of daughter = half of gold + 20% of land + 75% of cash amount

$= \frac{6 \text{ lakhs}}{2}$ + 20% of 5 lakhs + 75% of 80 thousand

= 3 lakhs + 1 lakhs + 60 thousand = 4 lakhs 60 thousand

Remaining Gold = 6 lakhs – 3 lakhs = 3 lakhs

Remaining Land = 5 lakhs – 1 lakhs = 4 lakhs

Remaining Cash = 80000 – 60000 = 20000

The share of son A = (1/2) of remaining gold + (3/4) of remaining land + (1/2) of remaining cash

= 1.5 lakhs + 3 lakhs + 10 thousand = 4.6 lakhs

The share of son B = (1/2) of remaining gold + (1/4) of remaining land + (1/2) of remaining cash

= 1.5 lakhs + 1 lakhs + 10 thousand = 2.6 lakhs

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Explanations:

1. Following common explanation, we get

Total property (In cash, land and Gold together) Daughter C got = 4 lakhs 60 thousand = Rs. 4.6 lakhs

Hence, option B is correct.

2. Following common explanation, we get

The share of son A in total property = 4.6 lakhs

The share of son B in total property = 2.6 lakhs

The required difference = 4.6 – 2.6 = 2 lakhs

Hence, option A is correct.

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3. Following common explanation, we get

In 10 years 10 × 12 = 120 months

The person A had received highest share

He will pay to his father in 120 months = 120 × 2500 = 3 lakhs

The share of property he was left with = 4.6 – 3 = 1.6 lakhs

Hence, option D is correct.

4. Following common explanation, we get

The share of son A in land = 3 lakhs

The share of daughter C in land = 1 lakhs

The reqd. % = $\frac{(3-1)\times 100}{1}$ = 200%

Hence, option B is correct.

5. Following common explanation, we get

The share of son A in total property = 4.6 lakhs

The share of son B in total property = 2.6 lakhs

The required ratio = 4.6 : 2.6 = 23 : 13

Hence, option D is correct.

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