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Date Interpretation Table Chart Questions for Bank PO Exams.

DI Table Chart Quiz 40

Direction: Study the following table carefully and answer the questions based on it.

The price details of 4 products are given below and some of them are missing. Take the data of the first row for the first question and the second row for the second question and so on.

Product	MP	CP	SP	Profit%	Loss%	Profit/loss
Mobile	–	5600	–	5%	5%	–
Investment	–	–	–	–	20%	–
2 Tables	–	–	–	25%	25%	–
Computer	50%	30000	–	–	–	–

1. Rahul purchased a mobile and sold it for a loss (loss % given in the table). From that money, he purchased another mobile and sold it for a gain of (Profit % given in the table). What is the overall gain or loss?

- A. Profit of Rs. 11 B. Profit of Rs. 14 C. Loss of Rs. 11 D. Loss of Rs. 14 E. None of these

2. A, B and C invests rupees 8000, 12000 and 10000 respectively in a business. At the end of the year the balance sheet shows a loss of(% given in the table) initial investment. Find the share of loss of B.

- A. 2000 B. 2500 C. 2400 D. 3000 E. None of these

3. A Shop Keeper sells two tables for Rs. 300 each. On one, he gets % profit (as per the table) and on the other he gets % loss (as per the table). His profit or loss in the entire transaction was?

- A. $6\frac{2}{3}$ % Gain B. 10% Gain C. 10% Loss D. $6\frac{2}{3}$ % Loss E. None of these

4. The price of computer was marked up by %(as per the table).It was sold at a discount of 20% on the marked price. What was the profit percent of the cost price?

- A. 2% B. 25% C. 10% D. 20% E. None of these

Correct Answers:

1	2	3	4
D	C	D	D

Explanations:

1. CP = Rs. 5600, Loss% = 5%

$$\Rightarrow SP = \frac{95}{100} \times 5600 = 5320$$

Now, CP = 5320

$$SP = \frac{105}{100} \times 5320 = 5586$$

\Rightarrow Difference = 5600 – 5586 = Rs. 14 (Loss)

Hence, option (D) is correct.

2. Total investment = 8000 + 12000 + 10000 = Rs. 30000

Loss% = 20%

\Rightarrow Total loss of investment = 20% of 30000 = Rs. 6000

Ratio of share of loss of A:B:C = 8 : 12 : 10

$$\text{Share of loss of B} = \frac{12}{30} \times 6000$$

= Rs. 2400

Hence, option (C) is correct.

3. 1st table,

Profit = 25%, SP = Rs. 300

$$\Rightarrow CP = \frac{100}{125} \times 300 = \text{Rs. } 240$$

2nd table,

Loss = 25%, SP = Rs. 300

$$\Rightarrow CP = \frac{100}{75} \times 300 = \text{Rs. } 400$$

So, total CP = 240 + 400 = 640

Total SP = 300 + 300 = 600

Hence Net loss

$$= \frac{640 - 600}{600} \times 100$$

$$= 6\frac{2}{3}\%$$

Therefore, option (D) is correct.

4. CP = Rs. 30000,

As MP is 50% above CP

$$\Rightarrow MP = \frac{150}{100} \times 30000 = \text{Rs.}45000$$

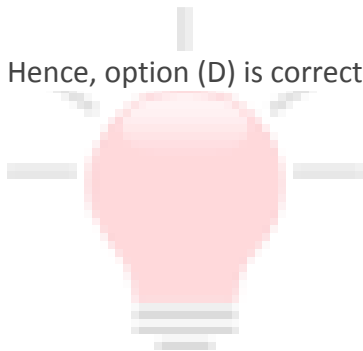
Now, Discount = 20%

Therefore,

$$\begin{aligned} SP &= \frac{100 - D\%}{100} \times MP \\ &= \frac{80}{100} \times 45000 = \text{Rs.}36000 \end{aligned}$$

$$\text{So, Profit \%} = \frac{36000 - 30000}{30000} \times 100 = 20\%$$

Hence, option (D) is correct.



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