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Date Interpretation Table Chart Questions for Bank Clerk Exams.

DI Table Chart Quiz 43

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

The table shows the items sold by a shopkeeper and their prices and profit.

Items	Cost Price	Profit %	Discount
Lipstick	225	12%	48
Kajal	320	20%	96
Eye liner	196	25%	35
Perfume	480	10%	72
Bracelet	140	15%	14

1. Sanjana purchased 1 kajal, 2 lipstick and 1 perfume and shopkeeper gave 5% additional discount on the marked price, find the total profit of the shopkeeper.

A. Rs 87   B. Rs 166   C. Rs 106   D. Rs 82   E. None of these

2. Marked price of Eye liner is approximately how much percent more than the marked price of Bracelet?

A. 80%   B. 50%   C. 90%   D. 75%   E. 60%

3. If the cost price of the Ring is 30% more than the cost price of Kajal, the shopkeeper wants to earn 25% after giving 35% discount so what will be the marked price?

A. Rs. 800   B. Rs. 700   C. Rs. 850   D. Rs. 650   E. None of these

4. The shopkeeper sold 2 kajal, 3 Eye liner, 2 perfume and 1 bracelet to a customer. What is his average profit?

A. Rs. 37.5   B. Rs. 49   C. Rs. 52.3   D. Rs. 50   E. None of these

5. What is the ratio of the discount percent of the Eye liner and Bracelet sold by shopkeeper?

A. 5 : 4   B. 11 : 15   C. 16 : 25   D. 4 : 9   E. None of these

Correct Answers:

1	2	3	4	5
D	E	A	B	E

Explanation :

1. Marked price of kajal = 320 × 120% + 48 = 384 + 96 = Rs 480
Marked price of Lipstick = 225 × 112% + 48 = 252 + 48 = Rs 300
Marked price of Perfume = 480 × 110% + 72 = 528 + 72 = Rs 600
Profit = 320 × 20% + 225 × 12% × 2 + 480 × 10% = 64 + 54 + 48 = Rs 166
Addition Discount = (480 + 600 + 600) × 5% = 84
Total profit = 166 − 84 = Rs 82
Hence, option D is correct.

2.   Marked price of Eye liner = 196 × 125% + 35 = Rs.280

Marked price of Bracelet = 140 × 115% + 14 = Rs.175

% more = $\dfrac{280 - 175}{175}$ × 100 = 60%

Hence, option E is correct.

3.   Cost price of ring = 320 × 130% = Rs.416
Marked price = 416 × 125% ÷ 65% = Rs.800
Hence, option A is correct.

4. Profit of 2 kajal = 320 × 20% × 2 = 128
Profit of 3 Eye liner = 196 × 25% × 3 = 147
Profit of 2 perfume = 480 × 10% × 2 = 96
Profit of 1 bracelet = 140 × 15% = 21

Average profit = $\dfrac{128 + 147 + 96 + 21}{8}$

= $\dfrac{392}{8}$

= Rs.49

Hence, option B is correct.

5.   Marked price of Eye liner = 196 × 125% + 35 = Rs. 280

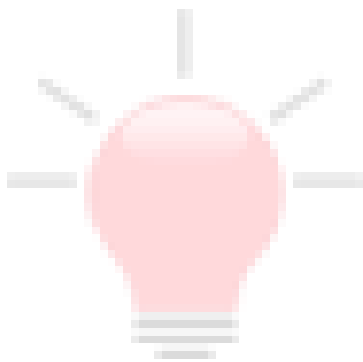Discount % = $\dfrac{35}{280}$ × 100 = 12.5%

Marked price of Bracelet = 140 × 115% + 14 = Rs. 175

Discount % = $\dfrac{14}{175}$ × 100 = 8%

Ratio = 12.5 : 8 = 25 : 16

Hence, option E is correct.