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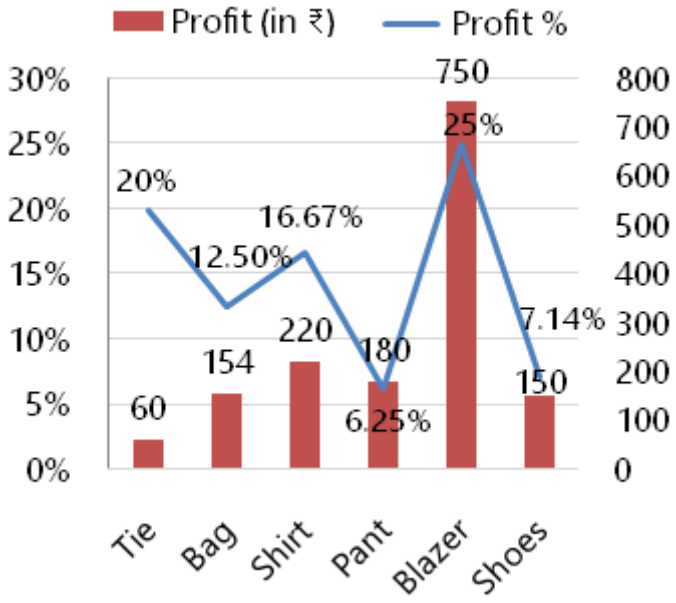
Bar Chart Questions for IBPS RRB Office Asst. Pre Exams – Bar Chart Quiz at Smartkeeda.

Bar Chart Quiz 84

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

The chart given below shows the percentage profit and the amount of profit on six different products.



1. The cost price of Tie is what percent of the cost price of Shoes?

A. 21% B. 12.5% C. 16.67% D. 15% E. 14.28%

2. What is the difference between the selling price of Pant and Blazer?

A. Rs. 690 B. Rs. 710 C. Rs. 740 D. Rs. 650 E. Rs. 675

3. What is the total percentage profit on Shirt and Pant?

A. 8.83% B. 9.45% C. 8.75% D. 9.52% E. 9.15%

4. What is the marked price (in Rs.) of Bag if it is sold after a discount of 14.28%?

A. 1663.2 B. 1625 C. 1617 D. 1648 E. 1627

5. What is the average selling price (in Rs.) of Shirt and Blazer?

A. 3020 B. 2645 C. 2585 D. 2635 E. 2640

6. If Shoes and Pants are sold at a discount of 16.67% and 33.33% respectively, what is the ratio of their marked price?

A. 21 : 43 B. 2 : 5 C. 10 : 17 D. 5 : 11 E. 12 : 19

Correct Answers:

1	2	3	4	5	6
E	A	D	C	B	C

Common Explanations:

For Tie,

Profit = Rs. 60 and Percentage profit = 20%

$\frac{P}{CP} = \frac{20}{100}$

So, CP = $\frac{100}{20} \times 60$ = Rs. 300

SP = CP + Profit = 300 + 60 = Rs. 360

Similarly, calculating for each product we get:

Product	CP	SP
Tie	300	360
Bag	1232	1386
Shirt	1320	1540
Pant	2880	3060
Blazer	3000	3750
Shoes	2100	2250

1.

From common explanation, we have

Reqd. % = $\frac{300}{2100} \times 100 = 14.28\%$

Hence, option E is correct

2.

From common explanation, we have

Reqd. Difference = 3750 – 3060 = Rs. 690

Hence, option A is correct .

3.

From common explanation, we have

Total profit on Shirt and Pant = 220 + 180 = 400

Total CP of Shirt and Pant = 1320 + 2880 = 4200

$$\text{Reqd. \%} = \frac{400}{4200} \times 100 = 9.52\%$$

Hence, option D is correct.

4.

From common explanation, we have

Discount = 14.28% ($\frac{1}{7}$)

$$SP = \frac{6}{7} \times MP$$

$$MP = \frac{7}{6} \times SP$$

$$MP = \frac{7}{6} \times 1386 = \text{Rs. } 1617$$

Hence, option C is correct.

5.

From common explanation, we have

$$\text{Reqd. Average} = \frac{1540 + 3750}{2} = \text{Rs. } 2645$$

Hence, option B is correct.

6.

From common explanation, we have

Discount on Shoes = 16.67%

$SP = \frac{5}{6} \times MP$

$MP = \frac{6}{5} SP = \frac{6}{5} \times 2250 = 2700$

Discount on Pant = 33.33%

$SP = \frac{2}{3} \times MP$

$MP = \frac{3}{2} \times SP = \frac{3}{2} \times 3060 = 4590$

Required ratio = 2700 : 4590 = 10 : 17

Hence, option C is correct.