



SHIKSHA CLASSES

Sub. : Maths

Question Paper

Marks : 20

Std. : VIIIth - S.B.

9. Discount and Commission

Time : 45 min.

Q.1 : A) Select the most appropriate Alternative. 02

1) On which price the discount on an article offered ?

- a) Purchase price b) Printed price
c) Selling price d) Cost price

2) A shopkeeper sold a TV set for ₹ 11,500 after allowing 8% discount. What is the marked price of TV set ?

- a) ₹ 12,000 b) ₹ 12,500 c) ₹ 10,500 d) ₹ 13,000

: B) Solve the following. 01

1) Find the value of 92% of 600.

Q.2 : A) Solve any one of the following. (Activity) 02

1) John sold books worth rupees 4500 for a publisher. For this he received 15 % commission. Complete the following activity to find the total commission John obtained.

Selling price of books = , Rate of commission =

Commission obtained = $\frac{\text{}{\text{}} \times \text{$, Commission = rupees.

2) Use the given information and fill in the boxes with suitable numbers. Smt. Deepanjali purchased a house for ₹ 7,50,000 from Smt. Leelaben through an agent. Agent has charged 2 % brokerage from both of them.

1) Smt. Deepanjali paid $\times \frac{\text{}{\text{}}$ = ₹ as brokerage for purchasing the house.

2) Smt. Leelaben paid brokerage of ₹ .

3) Total brokerage received by the agent is ₹ .

4) The cost of house Smt. Deepanjali paid is ₹ .

5) The selling price of house for Smt. Leelaben is ₹ .

: B) Solve any one of the following.

02

- 1) If marked price = ₹ 990 and percentage of discount is 10, then find the selling price.
- 2) A farmer sold foodgrains for 9200 rupees through an agent. The rate of commission was 2%. How much amount did the agent get?

Q.3 : A) Solve any one of the following.(Activity)

03

- 1) After offering a discount of 10% on marked price, a customer gets total discount of ₹ 17. To find the cost price for the customer, fill in the following boxes with appropriate numbers and complete the activity.

Suppose, marked price of the item = 100 rupees

Therefore, for customer that item costs - = 90 rupees

Hence, when the discount is then the selling price is rupees.

Suppose when the discount is rupees, the selling price is x rupees.

$$\therefore \frac{x}{\text{input}} = \frac{\text{input}}{\text{input}}$$

$$\therefore x = \frac{\text{input} \times \text{input}}{\text{input}} = \text{input}$$

\therefore the customer will get the item for 153 rupees.

- 2) A shirt was sold for ₹ 425 after allowing 15% discount on marked price. Find the marked price of the shirt. Complete the activity by filling the boxes with suitable numbers.

S.P. of the shirt = ₹

Rate of discount =

Let the M.P. of the shirt be ₹ 100.

\therefore discount = ₹

S.P. = M.P. - = ₹ = ₹ 85

When S.P. is , M.P. is ₹ 100.

When S.P. is ₹ , M.P. is x.

$$\therefore \frac{85}{\text{input}} = \frac{100}{\text{input}}$$

$$\therefore x = \boxed{}$$

The marked price of the shirt is ₹ 500.

: B) Solve any one of the following.

03

1) Umatai purchased following items from a Khadi - Bhandar.

- i) 3 sarees for 560 rupees each.
- ii) 6 bottles of honey for 90 rupees each.

On the purchase, she received a rebate of 12%. How much total amount did Umatai pay ?

2) Rajabhau sold his flat to Vasantao for ₹ 88,00,000 through an agent. The agent charged 2% commission for both of them. Find how much commission the agent got.

Q.4 : Solve any one of the following.

04

1) A shopkeeper offers his customers 10% discount and still makes a profit to 26%. What is the actual cost to him of an article marked Rs. 280 ?

2) A cycle merchant allows 25% commission on his advertised price and still makes a profit of 20%. If he gains ₹ 60 over the sale of one cycle. Find his advertised price.

Q.5 : Solve any one of the following.

03

1) If the cost price of 18 mangoes is the same as the selling price of 16 mangoes. Find the gain percent.

2) The marked price of a T. V. Set is ₹ 50000. The shop keeper sold it at 15% discount. Find the price of it for the customer.

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