

Subject: - Mathematics

PRACTICE PAPER

CBSE-8th

Topic: - Profit & Loss

Q.1. If the C.P. of 25 chairs is equal to the S.P. of 30 chairs, Find the loss%.

Ans. $16\frac{2}{3}\%$

Q.2. A man buys a plot of agricultural land for ₹3,00,000. He sells one – third at a loss of 20% and two – fifths at a gain of 25%. At what price must he sell the remaining land so as to make an overall profit of 10%.

Ans. ₹1,00,000

Q.3. A man bought two T.V. sets for ₹42500. He sold one at a loss of 10% and other at a profit of 10%. If the S.P. of each T.V. set is same, determine the C.P. of each set?

Ans. 19125

Q.4. A man bought an article and sold it at a gain of 10%. If he had bought it at 20% less and sold it for ₹10 more, he would have made a profit of 40%. Find the C.P. of the article?

Ans. ₹500

Q.5. A dealer buys 50 chairs for ₹50,000 but 20 of them are damaged. He decides to sell each damaged one at three - fourths the price of the normal one. What should this price be in order that he may make a profit pf 35% on the whole transaction?

Ans. S.P. ₹1125

Q.6. Three items are purchased at ₹450 each. One of them is sold at a loss of 10%. At what price should the other two be sold so as to gain 20 % on the whole transaction? What is the gain% on these two items?

Ans. 35%

Q.7. By reducing the selling price of an article by ₹50, a gain of 5% turns into a loss of 5%. Find the original selling price of an article?

Ans. ₹525

Q.8. A shopkeeper marks his goods at such a price that after allowing a discount of 12.5% for cash payment, he still makes a profit of 10%. Find the marked price of an article which costs him ₹245.

Ans. ₹308

Q.9. A dealer buys an article for ₹380. At what price must be mark it so that after allowing a discount of 5%, he still makes a profit of 25%? **Ans. ₹500**

Q.10. Articles are marked at a price which gives a profit of 25%. After allowing a certain discount, the profit reduces to $12\frac{1}{2}\%$. Find the discount percent. **Ans. 10%**

Q.11. How much % more that the C.P. should a manufacturer mark his goods so that after allowing a discount of 20% on the M.P., he gains 10%? **Ans. ₹137.50**

Q.12. A trader buys certain items at 32% off the list price and he wants to make a profit of 25% after allowing a discount of 20%. At what % above the list price should he mark the items? **Ans. 6.25%**

Q.13. A dealer of scientist instruments allows 20% discount on the M.P. of the instruments and still makes a profit of 25%. If his gain over the sale of an instrument is ₹150. Find the marked price of the instrument? **Ans. ₹937.50**

Q.14. Hamida visits a departmental store and purchases the following articles: -
(i) One pair of shoes for ₹460, VAT @ 9% (ii) One rain coat for ₹300, VAT @ 10%
(iii) Food articles for ₹450 @ 5%. (iv) Clothes for ₹800, VAT @ 10%
Calculate the total amount of the bill. **Ans. ₹808**

Q.15. Nisha goes to a shop to buy a box costing ₹981. The rate of the VAT is 9%. She tells the shopkeeper to allow the discount on the price of the box to such an extent that she pays ₹981 inclusive of VAT. Find the discount in the price of the box? **Ans. ₹81**