CHAPTER - 8

Comparing Quantities

Questions carrying 1 Mark each :-

Q.1   Find the ratio of 1 dozen oranges to 28 oranges.

Q.2   Write the formula to find C.P. when S.P. and gain% are given.

Q.3   An item marked at Rs. 750 is sold for Rs. 525. Find the discount.

Q.4   Compound Interest= _____ - _____.

Questions carrying 2 marks each:-

Q.5   Amit bought a stereo for Rs. 4500 and sold it for Rs. 4230. Find his gain or loss percent.

Q.6   The marked price of a sofa set is Rs. 3000. It is sold for Rs. 2500. Find the rate of discount.

Q.7   If 10% VAT is included in the prices, find the original price of a TV bought for Rs. 22000.

Questions carrying 3 marks each:-

Q.8   Find the compound interest of Rs. 5000 for 2 years at the rate of 8 % per annum, when the interest is compounded annually.

17

Q.9   A TV set was sold for Rs. 9000 after giving successive discount of 20% and 10% respectively. Find the marked price.

Q.10   If the selling price of 10 articles is equal to the cost price of 11 articles, find gian percent.

Q.11   40% of a number is 360. what is 25% of the number?

Questions carrying 6 marks each:-

Q.12   After allowing 20% discount to the customer, a dealer still gains 20% . Find the marked price of the electric fan which costs him Rs. 1600.

Q.13   A certain sum invested at 10% per annum compounded semi-annually amounts to Rs. 8820 at the end of one-year. Find the sum.

Q.14   The population of a town is 32000. The growth rate of population is 5 % What will be the population of town after 3 years?

Questions choice Questions carrying 1 mark each:-

Q.15   When interest is compounded quarterly, we divide the rate by

(a)   4   (b)   2   (c)   1   (d)   3

Q.16   4 years 6 months equivalent to how many years?

(a) $\frac{3}{2}$ years   (b) $\frac{3}{2}$ years

(c)   54 years   (d)   none of these.

18