ST. LAWRENCE HIGH SCHOOL

TOPIC –Profit, Loss& Discount

Subject : Mathematics   Class-9   First TermF. M. 15

WORKSHEET NO. - 12   Solutions   Date: 22.02.2021

Q.1)   Choose the correct option: **(1x15=15)**

i) A thing is sold at ₹ 480 at a loss of 20% on selling price. The cost price of the thing will be _____
  a)   ₹ 600

  ii) By buying a car at ₹ 625 and sold it at 12% profit, the selling price will be _____
  b)₹700

iii) If the ratio of loss and selling price is 2 : 7, then the ratio of cost price and selling price will be _____
  c)9:7

iv)A thing is bought at 20% profit. Then _____ % of half of cost price is equal to ¾ % of selling price.
a) $1\frac{4}{5}$ %

v)If a thing is sold at 10% loss, then the ratio of cost price and selling price is _____
  d) 10:9

vi) If the ratio of cost price and selling price is 20: 21, then the profitpercent is _____
    c)5%

vii)A radio seller bought a radio at ₹ 450. What will be his selling price if he sold it at $33\frac{1}{3}$ % profit..
  b) ₹ 600

viii)By selling a thing at ₹ 300, a shopkeeper makes a profit of 25%. Then the cost price of the thing is ₹ ____
  d) ₹240

ix) If the profit of a thing is p% on the selling price, then the rate of profit on cost price is
  a)$\frac{100p}{100-p}$ %

x) If the profit of thing is p %on the cost price, then the rate of profit on selling price is
  b)$\frac{100p}{100+p}$ %

  xi) The equivalent discount on two consecutive discount of x% and y% is
    c) (x + y - $\frac{xy}{100}$) %

  xii)On selling an article for ₹ 150, Renu gains ₹ 30. Her gain percentage is
    c) 25%

xiii) Marked price of an article is ₹ 675. If it is sold at a discount of 20%, then the S.P is
  a)   ₹ 540

  xiv) A jacket is marked at ₹ 2590. If the S.P of the jacket is ₹ 2331, then discount is
    b) 10%

  xv) Marked price of a showpiece is ₹ 950. S.P of the showpiece after two successive discounts of 10% and 10% is
    a)   ₹ 769.50

-ChaitaliRoy