ST. LAWRENCE HIGH SCHOOL

TOPIC –Profit, Loss& Discount

Subject : Mathematics   **Class-9**   **F. M. 15**

WORKSHEET NO. - 12   **First term**   **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   b) ₹ 360   c) ₹620   d) ₹630

ii) By buying a car at ₹ 625 and sold it at 12% profit, the selling price will be _____
  a))₹600   b)₹700   c)₹725   d) ₹752

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

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

v)If a thing is sold at 10% loss, then the ratio of cost price and selling price is _____
     a)2:5   b)5:3   c) 9:10 d) 10:9

vi) If the ratio of cost price and selling price is 20: 21, then the profitpercent is _____
a) 2%   b)8%   c)5%   d)4%

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..
a) ₹200b) ₹ 600   c)₹ 400   d) ₹100

viii)By selling a thing at ₹ 300, a shopkeeper makes a profit of 25%. Then the cost price of the thing is ₹ ____
     a) ₹200   b) ₹420   c)₹400d) ₹240

ix) If the profit of a thing is p% on the selling price, then the rate of profit on cost price is
  a)$\frac{100p}{100-p}$ %   b) $\frac{100-p}{100p}$ %   c) (1 + $\frac{p}{100}$) %   d)None of these

x) If the profit of thing is p %on the cost price, then the rate of profit on selling price is
a)$\frac{100+p}{100p}$ %   b)$\frac{100p}{100+p}$ %   c)$\frac{100-p}{100+p}$ %   d)(1 + $\frac{p}{100}$) %

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

xii)On selling an article for ₹ 150, Renu gains ₹ 30. Her gain percentage is
    a)15%   b) 20%   c) 25%   d) 30%

xiii) Marked price of an article is ₹ 675. If it is sold at a discount of 20%, then the S.P is
    a) ₹ 540   b) ₹ 525   c)₹ 510   d)₹ 500

xiv) A jacket is marked at ₹ 2590. If the S.P of the jacket is ₹ 2331, then discount is
a)5%   b) 10%   c) 15%   d) 20%

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   b) ₹ 760   c) ₹ 855   d) None of these

-ChaitaliRoy