ST. LAWRENCE HIGH SCHOOL

TOPIC –Profit & Loss

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

WORKSHEET NO. - 9   **Solutions**   **Date: 13.02.2021**

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

i)   The ratio of cost price and selling price is 10 : 11, the profit percentage is
   d) 10

ii)   Buying a book at ₹ 40 and selling it at ₹ 60, the profit percentage will be
   a) 50

iii)   A shirt is sold at ₹ 360 and there is a loss of 10%. The cost price of the shirt is
       b)₹ 400

iv)   After 20% discount, the selling price of a geometry box becomes ₹ 48. The market price of the box is
a) ₹ 60

v) A retailer buys medicine at 20% discount on market price and sells to buyer at market price . The retailer makes a profit percentage
b) 25

vi) If at the cost price of 4 oranges, 5 oranges are sold then what will be the profit % or loss % of the seller?
b)20% loss

vii) There is a profit of 25% if a pen is sold at ₹ 12.50. The cost price of the pen is
b) ₹ 10

viii)There is a loss of 11% if an article is sold at ₹178. At what price should it be sold to make a profit of 11%?
       c) ₹ 222

ix) If a dozen of oranges is purchased at ₹ 75 and each pair is sold at ₹ 10, then what will be the profit or loss of the seller?
d)20% loss

x) If the rate of loss is 20%, then the ratio of cost price and the selling price is
c)5 : 4

 xi) If an article is sold at ₹ 90, then profit of the seller is 20%. If the article is sold at ₹ 80, his profit is
       b)₹ 5

 xii) If profit on cost price is 25%, then rate of profit on selling price is
c) 20%

xiii) Two successive discounts of 20% and 10% is equivalent to a discount of
       c) 28%

xiv) If there is a loss of 25% on selling price then the percentage loss on cost price is.
b) 20

xv) A retailer getting a discount of 20% on the marked price sells an article at the marked price. Percentage of profit of the retailer is
c) 25

-Chaitali Roy