TOPIC –Profit, Loss& Discount

Subject : Mathematics   Class-9   F. M. 15

WORKSHEET NO. - 11   First term   Date: 20.02.2021

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

i) There is a discount of 15% if the electric bill is paid in time. Shyam paid electric bill in time and got discount of ₹ 54. The amount if his electric bill was
    a) ₹300   b) ₹ 360   c) ₹ 320   d) ₹ 400

ii) A fruit seller purchased banana at ₹ 30 per dozen and sold each pair at ₹ 7. What is the percentage profit or loss at this?
    a) 20% profit   b) 20% loss   c) 40% profit   d) 40% loss

iii) A man purchased a bag at ₹ 255 after getting 15% discount on marked price. The marked price of the bag is
    a)₹ 280   b)₹ 275   c) ₹ 300   d)₹ 325

iv)Two successive discounts of 10% is equivalent to a discount of
a) 20%   b) 19%   c)15%   d) 12%

v) The marked price of a thing is ₹ 80. If the discount on marked price is 10%, then the selling price will be
    a)₹ 88   b)₹ 72   c) ₹ 90 d) ₹ 70

vi) The selling price of 20 pens is equal to cost price of 30 pens. Then the profit percentage is _____
a) 22%   b)18%   c)24%   d)50%

vii) If the profit on cost price is 20%, then the profit percentage on the selling price is _____
a)$15\frac{2}{3}$%   b) $16\frac{1}{3}$%   c) $16\frac{2}{3}$%   d)16%

viii)By selling a shirt at ₹ 360, the loss is 10%. The cost price of the shirt is _____
    a) ₹200   b) ₹ 630   c)₹400d) ₹100

ix) By giving a discount of 20% the selling price of a geometry box is ₹ 48. The marked price of the box is
    a)₹ 60   b) ₹ 50   c) ₹ 40   d)₹ 80

x) Rahim sold a cycle at ₹ 6000 by giving a loss of 25%. The cost price of cycle is _____
a)₹800   b)₹ 4400   c)₹ 4800   d)₹ 8000

xi) If the cost price : selling price = 5 : 6, then the profit percentage will be _____
a)25%   b)50%   c) 20%   d)none of these

xii)Selling price is twice the cost price. Then the profit percentage is _____
    a)25%   b) 20%   c) $33\frac{1}{2}$%   d) 100%

xiii) The ratio of selling price and cost price is 8 : 9. Then the loss is _____
    a)10%   b) $11\frac{1}{9}$%   c) 30%   d) 15%

xiv) By selling a thing if the profit is $6\frac{1}{4}$ %, then the ratio of profit and selling price is
    a)1:17   b) 1:16   c) 17:1   d)16:1

xv) A retailer bought a medicine at a discount of 20% on the market price and sold it to the customer at the marked price. The profit percentage of the retailer is _____
    a)25%   b) 30%   c) 15%   d) 10%

-ChaitaliRoy