



# ST. LAWRENCE HIGH SCHOOL



## TOPIC – Profit & Loss

Subject : Mathematics

Class-9

F. M. 15

WORKSHEET NO. - 10

First term

Date: 15.02.2021

### Q.1) Choose the correct option:

(1x15=15)

- i) If 5 oranges are sold at the cost price of 6 oranges then what will be the profit% or loss%?  
a) 25%profit      b) 20%profit      c) 25%loss      d) 20%loss
- ii) There is 5% loss if an article is sold at ₹ 22.80. The cost price of the article is  
a) ₹ 20      b) ₹ 24      c) ₹ 26      d) ₹ 28
- iii) If the ratio of the cost price and the selling price is 25:24 then rate of profit or loss percent is  
a) 5%profit      b) 4%profit      c) 5%loss      d) 4%loss
- iv) If one dozen banana is purchased at ₹ 24 and each pair is sold at ₹ 5 then what percentage will be the profit or loss of the seller?  
a) 20% profit      b) 25% profit      c) 20% loss      d) 25% loss
- v) Madan incurred 10% loss by selling lemon at ₹ 18 per dozen. At what price should he sell each dozen of lemon to make a profit of 10%?  
a) ₹20      b) ₹24      c) ₹22      d) ₹30
- vi) If there is 20% profit on selling price then the rate of profit on cost price is  
a) 22%      b) 18%      c) 24%      d) 25%
- vii) There is 20% loss if an article is sold at ₹ 480. At what price should it be sold so that there is neither profit nor loss?  
a) ₹600      b) ₹550      c) ₹500      d) ₹650
- viii) There is 25% profit if an article is sold at ₹ 150. At what percent should the selling price be increased so that there will be 30% profit?  
a) 2.5      b) 4      c) 5      d) 10
- ix) If a thing is sold at ₹ 510, the loss is 15%. The cost price of the thing is  
a) ₹300      b) ₹500      c) ₹ 400      d) ₹600
- x) A shopkeeper sold a thing at ₹ 440 and makes a profit of 10%. If he wants to make a profit of 20%, then the selling price of the thing will be  
a) 400      b) ₹ 440      c) ₹ 480      d) ₹ 500
- xi) A shopkeeper bought 3 pens ₹ 10 and sold 5 pens at ₹ 20. If he wants to make profit of ₹ 100, how many pens should be sold?  
a) 100      b) 50      c) 200      d) none of these
- xii) If the ratio of cost price to selling price be 4 : 5, then the profit percentage is 10%  
a) 25%      b) 20%      c)  $33\frac{1}{2}\%$       d) 10%
- xiii) The cost price of 16 books is equal to selling price of 20 books. Then the loss percent is  
a) 10%      b) 20%      c) 30%      d) 15%
- xiv) The ratio of selling price and loss of a thing is 4 : 1. Then the loss percentage is  
a) 20%      b) 22%      c) 25%      d) 5%
- xv) If the profit on selling price is 20% then the profit percentage on cost price is \_\_\_\_\_  
a) 25%      b) 30%      c) 15%      d) 10%