ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

SUBJECT : Arithmetic**Work sheet22**

Marks:15 Profit & Loss

Date:15.5.2021

Answer all thefollowing questions(1×15=15)

1.A man buys an article for Rs 80 and marks it at Rs120. He then allows a discount of 40%. What is theloss or gain% ?

(a)12% gain(b)12% loss(c)10% gain(d)10% loss

2.Ramesh bought a calculator with 20% discount onthe tag-price. He obtained 10% profit by selling itfor Rs 440. What was the tag-price ?

(a)Rs 500(b)Rs 400   (c)Rs 480(d)Rs 360

3.A dealer allows 25% discount on the marked priceof articles and earns a profit of 20% on them. Whatis the marked price of the article on which he gainsRs 800?

(a)Rs 6000(b)Rs 6400(c)Rs 7200(d)Rs 7000

4.Shekhar has purchased a cordless phone for Rs 3520after getting 12% discount on the printed price. Ifhe sold it to get 8% profit on the printed price, atwhat price did he sell the cordless phone ?

(a)Rs 3801.60(b)Rs 4224(c)Rs 4320(d)Rs 3942.40

5.An article listed at Rs 800 is sold at successivediscounts of 25% and 15%. The buyer desires tosell it off at a profit of 20% after allowing a 10%discount. What would be his list price ?

(a)Rs 620(b)Rs 600(c)Rs 640(d)Rs 680

6.By selling an umbrella for Rs 300, a shopkeepergains 20%. During a clearance sale, the shopkeeperallows a discount of 10% on the marked price. Findhis gain per cent during the sale season

.(a)10%(b)8%(c)12%(d)9%

7.What is more favourable for a buyer — A discountseries of 20%, 15% and 10% or a discount series of25%, 12% and 8% ?

(a)First(b)Second(c)Both first and second(d)None

8.A dealer marks his goods 25% above the cost priceand allows 10% discount to his customers. What ishis gain per cent ?

(a)12.5(b)35(c)15(d)17.5

9.By selling an article at 80% of the marked price,there is a loss of 10%. If the article is sold at themarked price, the profit per cent will be

(a)18.4(b)20(c)12.5(d)15

10.The marked price of an electric iron is Rs 300. Theshopkeeper allows a discount of 12% and still gains10%. If no discount is allowed his gain percentagewould have been

 (a)20(b)25(c)27(d)30

11.A sells a scooter priced Rs 36000. He gives adiscount of 8% on the first Rs 20000 and 5% on thenext Rs 10000. How much discount can he affordon the remaining Rs 6000, if he is to get as much aswhen 7% discount is allowed on the total ?

(a)5%(b)6%(c)7%(d)8%

12.If 10% discount is allowed on the marked price ofan article, the profit of a dealer is 20%. If he allowsa discount of 20% his profit will be

(a)413%(b)5%(c)623%(d)8%

13.A fan is listed at Rs 1500 and a discount of 20% isoffered on the list price. What additional discountmust be offered to the customer to bring the net priceto Rs 1104.

(a)8%(b)10%(c)12%(d)15%

14.At what per cent above the cost price must ashopkeeper mark his goods so that he gains 20%even after giving a discount of 10% on the markedprice

.(a)25%(b)30%(c)331/3%(d)371/2%

15.A shopkeeper sells a badminton racket whosemarked price is Rs 30 at a discount of 15% and givesa shuttle cock costing Rs 1.50 free with each racket.Even then he makes a profit of 20%. His cost priceper racket is

(a)Rs 21(b)Rs 21.25(c)Rs 20(d)Rs 19.75
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