



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

CLASS 8

Work sheet 23

SUBJECT :Arithmetic

Marks:15

Revision – Profit & Loss continued

Date:2.5.2020

Answer all the following 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 the loss or gain% ?

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

2.Ramesh bought a calculator with 20% discount on the tag-price. He obtained 10% profit by selling it for 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 price of articles and earns a profit of 20% on them. What is the marked price of the article on which he gains Rs 800?

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

4.Shekhar has purchased a cordless phone for Rs 3520 after getting 12% discount on the printed price. If he sold it to get 8% profit on the printed price, at what 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 successive discounts of 25% and 15%. The buyer desires to sell 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 shopkeeper gains 20%. During a clearance sale, the shopkeeper allows a discount of 10% on the marked price. Find his gain per cent during the sale season

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

7.What is more favourable for a buyer — A discount series of 20%, 15% and 10% or a discount series of 25%, 12% and 8% ?

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

8.A dealer marks his goods 25% above the cost price and allows 10% discount to his customers. What is his 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 the marked 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. The shopkeeper allows a discount of 12% and still gains10%. If no discount is allowed his gain percentage would have been

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

11.A sells a scooter priced Rs 36000. He gives a discount of 8% on the first Rs 20000 and 5% on the next Rs 10000. How much discount can he afford on the remaining Rs 6000, if he is to get as much as when 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 of an article, the profit of a dealer is 20%. If he allows a 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% is offered on the list price. What additional discount must be offered to the customer to bring the net price to Rs 1104.

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

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

(a)25% (b)30% (c)33 1/3% (d)37 1/2%

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

(a) Rs 21

(b) Rs 21.25

(c) Rs 20

(d) Rs 19.75

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