EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Profit, Loss and Discount

Grade : ICSE Grade IX

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1. If S.P = ₹1710.00 and discount % = 64.23%, then discount =

   (i) ₹3310.00 (ii) ₹3230.00 (iii) ₹3050.00 (iv) ₹3070.00 (v) ₹2850.00

2. If S.P = ₹4070.00 and discount = ₹260.00, then discount % =

   (i) 7.00% (ii) 5.00% (iii) 8.00% (iv) 4.00% (v) 6.00%

3. If C.P = ₹1140.00 and profit = ₹2360.00, then profit % =

   (i) 222.02% (ii) 180.02% (iii) 205.02% (iv) 233.02% (v) 207.02%

4. Find gain percentage formula.

   (i) $[\frac{C.P - S.P}{S.P} \times 100]\%$ (ii) $[\frac{S.P - C.P}{C.P} \times 100]\%$ (iii) $[\frac{S.P - C.P}{S.P} \times 100]\%$ (iv) $[\frac{C.P - S.P}{C.P} \times 100]\%$

5. Two articles of the same cost price are sold. If one article incurs a gain of x% and other a loss of x%, then overall %loss is

   (i) $\frac{x}{2}$ (ii) 2x (iii) 0 (iv) 1

6. If C.P = ₹2260.00 and S.P = ₹1740.00, then loss =

   (i) ₹517.00 (ii) ₹520.00 (iii) ₹506.00 (iv) ₹534.00 (v) ₹548.00

7. If M.P = ₹3680.00 and discount = ₹1330.00, then discount % =

   (i) 41.14% (ii) 31.14% (iii) 39.14% (iv) 33.14% (v) 36.14%

8. If C.P = ₹2910.00 and S.P = ₹4350.00, then profit % =

   (i) 49.48% (ii) 52.48% (iii) 54.48% (iv) 46.48% (v) 44.48%

9. If C.P = ₹1560.00 and S.P = ₹1130.00, then loss % =

   (i) 27.56% (ii) 24.56% (iii) 22.56% (iv) 30.56% (v) 32.56%

10. If C.P = ₹2230.00 and loss % = 9.42%, then S.P =

    (i) ₹2000.00 (ii) ₹2020.00 (iii) ₹2050.00 (iv) ₹1760.00 (v) ₹2180.00

11. If S.P = ₹1500.00 and profit = ₹30.00, then profit % =

    (i) 1.04% (ii) 4.04% (iii) 3.04% (iv) 2.04% (v) 0.04%

12. If S.P = ₹4320.00 and loss % = 3.57%, then loss =

    (i) ₹160.00 (ii) ₹156.00 (iii) ₹144.00 (iv) ₹178.00 (v) ₹177.00

13. If S.P = ₹1830.00 and loss = ₹170.00, then loss % =

    (i) 8.50% (ii) 9.50% (iii) 6.50% (iv) 10.50% (v) 7.50%

14. If M.P = ₹4840.00 and discount % = 69.01%, then S.P =

(i) ₹1470.00 (ii) ₹1730.00 (iii) ₹1220.00 (iv) ₹1500.00 (v) ₹1620.00

15. If S.P = ₹2360.00 and discount = ₹1550.00, then M.P =

(i) ₹4150.00 (ii) ₹3740.00 (iii) ₹4030.00 (iv) ₹3910.00

16. Find selling price formula.

(i) $\frac{100}{100 + \text{gain\%}} \times \text{C.P}$ (ii) $\frac{100 + \text{loss\%}}{100} \times \text{C.P}$ (iii) $\frac{100 + \text{gain\%}}{100} \times \text{C.P}$ (iv) $\frac{100}{100 + \text{loss\%}} \times \text{C.P}$

17. If C.P = ₹1510.00 and loss = ₹160.00, then S.P =

(i) ₹1280.00 (ii) ₹1380.00 (iii) ₹1200.00 (iv) ₹1350.00 (v) ₹1510.00

18. If C.P = ₹1080.00 and S.P = ₹1100.00, then profit =

(i) ₹20.00 (ii) ₹23.00 (iii) ₹17.00 (iv) ₹25.00 (v) ₹15.00

19. If S.P = ₹4420.00 and profit % = 34.76%, then profit =

(i) ₹1140.00 (ii) ₹970.00 (iii) ₹900.00 (iv) ₹1190.00 (v) ₹1360.00

20. If S.P = ₹2590.00 and M.P = ₹2910.00, then discount =

(i) ₹325.00 (ii) ₹320.00 (iii) ₹348.00 (iv) ₹303.00

21. Find loss percentage formula.

(i) $[\frac{\text{S.P} - \text{C.P}}{\text{C.P}} \times 100]\%$ (ii) $[\frac{\text{C.P} - \text{S.P}}{\text{C.P}} \times 100]\%$ (iii) $[\frac{\text{S.P} - \text{C.P}}{\text{S.P}} \times 100]\%$ (iv) $[\frac{\text{C.P} - \text{S.P}}{\text{S.P}} \times 100]\%$

22. Find loss formula.

(i) C.P − S.P (ii) S.P − C.P (iii) S.P − M.P (iv) M.P − C.P

23. If S.P = ₹1870.00 and profit = ₹250.00, then C.P =

(i) ₹1760.00 (ii) ₹1620.00 (iii) ₹1880.00 (iv) ₹1470.00 (v) ₹1440.00

24. If S.P = ₹1230.00 and discount % = 68.05%, then M.P =

(i) ₹3790.00 (ii) ₹3930.00 (iii) ₹3580.00 (iv) ₹3990.00 (v) ₹3850.00

25. If C.P = ₹3490.00 and loss = ₹1940.00, then loss % =

(i) 58.59% (ii) 60.59% (iii) 52.59% (iv) 55.59% (v) 50.59%

Assignment Key

1) (iv)	2) (v)	3) (v)	4) (ii)	5) (iii)	6) (ii)
7) (v)	8) (i)	9) (i)	10) (ii)	11) (iv)	12) (i)
13) (i)	14) (iv)	15) (iv)	16) (iii)	17) (iv)	18) (i)
19) (i)	20) (ii)	21) (ii)	22) (i)	23) (ii)	24) (v)
25) (iv)					