EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Profit, Loss and Discount

Grade : ICSE Grade IX

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1. Find selling price formula.

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

2. If C.P = ₹2750.00 and loss = ₹1490.00, then S.P =

   (i) ₹1300.00 (ii) ₹1240.00 (iii) ₹1030.00 (iv) ₹1390.00 (v) ₹1260.00

3. If S.P = ₹1310.00 and loss = ₹1170.00, then loss % =

   (i) 44.18% (ii) 52.18% (iii) 47.18% (iv) 50.18% (v) 42.18%

4. If S.P = ₹3970.00 and profit = ₹2310.00, then C.P =

   (i) ₹1780.00 (ii) ₹1810.00 (iii) ₹1660.00 (iv) ₹1400.00 (v) ₹1520.00

5. Find loss percentage formula.

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

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

   (i) $\frac{x^2}{100}$ (ii) $\frac{100}{x}$ (iii) $\frac{x}{100}$ (iv) $\frac{100}{x^2}$

7. Find gain formula.

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

8. If C.P = ₹2820.00 and S.P = ₹3780.00, then profit =

   (i) ₹956.00 (ii) ₹960.00 (iii) ₹937.00 (iv) ₹975.00 (v) ₹982.00

9. If C.P = ₹3400.00 and profit % = 15.59%, then S.P =

   (i) ₹3870.00 (ii) ₹3710.00 (iii) ₹4060.00 (iv) ₹3930.00 (v) ₹4080.00

10. If S.P = ₹2800.00 and profit % = 49.73%, then C.P =

    (i) ₹1870.00 (ii) ₹1690.00 (iii) ₹2100.00 (iv) ₹2010.00 (v) ₹1650.00

11. If S.P = ₹3970.00 and profit = ₹880.00, then profit % =

    (i) 31.48% (ii) 25.48% (iii) 23.48% (iv) 33.48% (v) 28.48%

12. If M.P = ₹3650.00 and discount = ₹1000.00, then discount % =

    (i) 32.40% (ii) 30.40% (iii) 27.40% (iv) 24.40% (v) 22.40%

13. If M.P = ₹4630.00 and discount = ₹110.00, then S.P =

(i) ₹4460.00 (ii) ₹4560.00 (iii) ₹4340.00 (iv) ₹4650.00 (v) ₹4520.00

14. If S.P = ₹4290.00 and discount % = 12.27%, then M.P =

(i) ₹4610.00 (ii) ₹4930.00 (iii) ₹4760.00 (iv) ₹4890.00 (v) ₹5050.00

15. If S.P = ₹2820.00 and loss % = 19.20%, then loss =

(i) ₹696.00 (ii) ₹670.00 (iii) ₹663.00 (iv) ₹657.00 (v) ₹684.00

16. If C.P = ₹1990.00 and loss % = 41.71%, then S.P =

(i) ₹1410.00 (ii) ₹1280.00 (iii) ₹1090.00 (iv) ₹1160.00 (v) ₹900.00

17. Find gain percentage formula.

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

18. If S.P = ₹2740.00 and M.P = ₹2840.00, then discount =

(i) ₹128.00 (ii) ₹97.00 (iii) ₹86.00 (iv) ₹100.00 (v) ₹115.00

19. If C.P = ₹2320.00 and S.P = ₹1750.00, then loss =

(i) ₹594.00 (ii) ₹557.00 (iii) ₹588.00 (iv) ₹552.00 (v) ₹570.00

20. If S.P = ₹2750.00 and discount = ₹260.00, then discount % =

(i) 10.64% (ii) 9.64% (iii) 8.64% (iv) 7.64% (v) 6.64%

21. 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) 2x (ii) 1 (iii) $\frac{x}{2}$ (iv) 0

22. Find cost price formula.

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

23. If S.P = ₹3990.00 and discount = ₹940.00, then M.P =

(i) ₹4930.00 (ii) ₹4790.00 (iii) ₹5210.00 (iv) ₹5050.00 (v) ₹4800.00

24. If C.P = ₹1030.00 and profit % = 134.95%, then profit =

(i) ₹1260.00 (ii) ₹1390.00 (iii) ₹1530.00 (iv) ₹1270.00 (v) ₹1410.00

25. If M.P = ₹4500.00 and discount % = 26.22%, then S.P =

(i) ₹3350.00 (ii) ₹3300.00 (iii) ₹3490.00 (iv) ₹3180.00 (v) ₹3320.00

Assignment Key

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

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