EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Profit and Loss

Grade : ICSE Grade VIII

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1. Find loss percentage formula.

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

2. If S.P = ₹1840.00 and loss % = 24.28%, then C.P =

   (i) ₹2260.00 (ii) ₹2430.00 (iii) ₹2410.00 (iv) ₹2580.00 (v) ₹2670.00

3. If C.P = ₹1850.00 and loss = ₹20.00, then S.P =

   (i) ₹1970.00 (ii) ₹1830.00 (iii) ₹1950.00 (iv) ₹1570.00 (v) ₹1680.00

4. If S.P = ₹3190.00 and profit = ₹570.00, then profit % =

   (i) 24.76% (ii) 16.76% (iii) 18.76% (iv) 26.76% (v) 21.76%

5. If C.P = ₹4100.00 and S.P = ₹4150.00, then profit % =

   (i) 9.22% (ii) 1.22% (iii) 0.22% (iv) 2.22% (v) 3.22%

6. Find cost price formula.

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

7. If C.P = ₹2900.00 and S.P = ₹3510.00, then profit =

   (i) ₹627.00 (ii) ₹598.00 (iii) ₹636.00 (iv) ₹605.00 (v) ₹610.00

8. If C.P = ₹1140.00 and profit = ₹3670.00, then profit % =

   (i) 308.93% (ii) 337.93% (iii) 321.93% (iv) 319.93% (v) 333.93%

9. Find gain percentage formula.

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

10. If M.P = ₹3700.00 and discount = ₹2200.00, then discount % =

    (i) 64.46% (ii) 54.46% (iii) 56.46% (iv) 62.46% (v) 59.46%

11. If M.P = ₹2830.00 and discount % = 2.12%, then S.P =

    (i) ₹2900.00 (ii) ₹2770.00 (iii) ₹3030.00 (iv) ₹2620.00 (v) ₹2590.00

12. If S.P = ₹3370.00 and M.P = ₹3500.00, then discount =

    (i) ₹114.00 (ii) ₹122.00 (iii) ₹130.00 (iv) ₹147.00

13. If S.P = ₹3750.00 and profit % = 33.93%, then C.P =

    (i) ₹2870.00 (ii) ₹2580.00 (iii) ₹2800.00 (iv) ₹3060.00 (v) ₹2620.00

14. If S.P = ₹3110.00 and M.P = ₹3650.00, then discount % =

(i) 11.79% (ii) 17.79% (iii) 9.79% (iv) 14.79% (v) 19.79%

15. If C.P = ₹2270.00 and loss % = 36.12%, then S.P =

(i) ₹1700.00 (ii) ₹1450.00 (iii) ₹1210.00 (iv) ₹1280.00 (v) ₹1610.00

16. If C.P = ₹3340.00 and loss = ₹110.00, then loss % =

(i) 1.29% (ii) 5.29% (iii) 3.29% (iv) 2.29% (v) 4.29%

17. Find selling price formula.

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

18. 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) 1 (iii) 2x (iv) 0

19. Find loss formula.

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

20. If S.P = ₹1850.00 and loss = ₹860.00, then loss % =

(i) 36.73% (ii) 26.73% (iii) 31.73% (iv) 28.73% (v) 34.73%

21. If S.P = ₹2400.00 and discount % = 26.61%, then discount =

(i) ₹852.00 (ii) ₹864.00 (iii) ₹870.00 (iv) ₹874.00 (v) ₹893.00

22. If C.P = ₹4140.00 and S.P = ₹2950.00, then loss =

(i) ₹1190.00 (ii) ₹1370.00 (iii) ₹1040.00 (iv) ₹960.00

23. If C.P = ₹2090.00 and profit % = 38.28%, then S.P =

(i) ₹2890.00 (ii) ₹2940.00 (iii) ₹3020.00 (iv) ₹2730.00 (v) ₹2670.00

24. If S.P = ₹2730.00 and loss % = 25.00%, then loss =

(i) ₹927.00 (ii) ₹906.00 (iii) ₹886.00 (iv) ₹910.00 (v) ₹928.00

25. If C.P = ₹2080.00 and profit % = 46.15%, then profit =

(i) ₹960.00 (ii) ₹963.00 (iii) ₹953.00 (iv) ₹944.00 (v) ₹974.00

Assignment Key

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

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