EduSahara™ Worksheet

Name : Chapter Based Worksheet

Chapter : Profit and Loss

Grade : ICSE Grade VIII

1. Find loss percentage formula.

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

2. If S.P = ₹4040.00 and discount % = 16.53%, then discount =

   (i) ₹807.00 (ii) ₹800.00 (iii) ₹795.00 (iv) ₹786.00 (v) ₹812.00

3. If C.P = ₹1770.00 and S.P = ₹2670.00, then profit =

   (i) ₹894.00 (ii) ₹887.00 (iii) ₹922.00 (iv) ₹905.00 (v) ₹900.00

4. If S.P = ₹2450.00 and profit % = 13.95%, then profit =

   (i) ₹300.00 (ii) ₹324.00 (iii) ₹292.00 (iv) ₹303.00 (v) ₹283.00

5. Find gain formula.

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

6. If S.P = ₹3800.00 and discount % = 20.17%, then M.P =

   (i) ₹4920.00 (ii) ₹4530.00 (iii) ₹4760.00 (iv) ₹4610.00 (v) ₹4890.00

7. If M.P = ₹4940.00 and discount % = 42.11%, then S.P =

   (i) ₹2890.00 (ii) ₹2860.00 (iii) ₹3030.00 (iv) ₹2800.00 (v) ₹2720.00

8. Find cost price formula.

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

9. If C.P = ₹2230.00 and S.P = ₹3910.00, then profit % =

   (i) 72.34% (ii) 75.34% (iii) 70.34% (iv) 80.34% (v) 78.34%

10. If S.P = ₹2850.00 and profit = ₹140.00, then profit % =

    (i) 5.17% (ii) 4.17% (iii) 3.17% (iv) 6.17% (v) 7.17%

11. If C.P = ₹4520.00 and loss % = 0.88%, then S.P =

    (i) ₹4460.00 (ii) ₹4480.00 (iii) ₹4630.00 (iv) ₹4650.00 (v) ₹4300.00

12. If C.P = ₹1130.00 and profit = ₹860.00, then profit % =

    (i) 79.11% (ii) 73.11% (iii) 76.11% (iv) 81.11% (v) 71.11%

13. If M.P = ₹4900.00 and discount = ₹2430.00, then S.P =

    (i) ₹2710.00 (ii) ₹2490.00 (iii) ₹2470.00 (iv) ₹2250.00 (v) ₹2440.00

14. If S.P = ₹2200.00 and profit = ₹260.00, then C.P =

(i) ₹1820.00 (ii) ₹1690.00 (iii) ₹2110.00 (iv) ₹2100.00 (v) ₹1940.00

15. If C.P = ₹1300.00 and profit = ₹1370.00, then S.P =

(i) ₹2790.00 (ii) ₹2670.00 (iii) ₹2530.00 (iv) ₹2600.00 (v) ₹2700.00

16. 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) 1 (ii) $\frac{x}{2}$ (iii) 0 (iv) 2x

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

18. If S.P = ₹2240.00 and discount = ₹480.00, then M.P =

(i) ₹2550.00 (ii) ₹2900.00 (iii) ₹2780.00 (iv) ₹2570.00 (v) ₹2720.00

19. If C.P = ₹3800.00 and S.P = ₹2650.00, then loss =

(i) ₹1330.00 (ii) ₹1150.00 (iii) ₹890.00 (iv) ₹980.00 (v) ₹1380.00

20. Find loss formula.

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

21. If S.P = ₹2070.00 and loss = ₹30.00, then loss % =

(i) 9.43% (ii) 2.43% (iii) 1.43% (iv) 0.43% (v) 3.43%

22. If S.P = ₹2510.00 and M.P = ₹3080.00, then discount =

(i) ₹546.00 (ii) ₹570.00 (iii) ₹598.00 (iv) ₹577.00 (v) ₹566.00

23. If C.P = ₹2070.00 and S.P = ₹1980.00, then loss % =

(i) 6.35% (ii) 4.35% (iii) 5.35% (iv) 2.35% (v) 3.35%

24. If S.P = ₹4540.00 and profit % = 152.22%, then C.P =

(i) ₹1620.00 (ii) ₹1800.00 (iii) ₹1650.00 (iv) ₹2030.00 (v) ₹1820.00

25. If S.P = ₹3590.00 and loss = ₹60.00, then C.P =

(i) ₹3910.00 (ii) ₹3700.00 (iii) ₹3530.00 (iv) ₹3650.00 (v) ₹3420.00

Assignment Key

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