

EduSahara™ Learning Center Assignment

Grade : Class VIII, ICSE
Chapter : Profit and Loss
Name : Profit and Loss
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1. If C.P = ₹1530.00 and S.P = ₹2480.00, then profit =
(i) ₹974.00 (ii) ₹950.00 (iii) ₹967.00 (iv) ₹945.00 (v) ₹927.00

2. If C.P = ₹3980.00 and S.P = ₹1790.00, then loss =
(i) ₹2240.00 (ii) ₹2310.00 (iii) ₹2020.00 (iv) ₹1960.00 (v) ₹2190.00

3. If C.P = ₹1420.00 and S.P = ₹2120.00, then profit % =
(i) 52.30% (ii) 49.30% (iii) 54.30% (iv) 46.30% (v) 44.30%

4. If C.P = ₹2410.00 and S.P = ₹2340.00, then loss % =
(i) 1.90% (ii) 0.90% (iii) 2.90% (iv) 4.90% (v) 3.90%

5. If C.P = ₹1520.00 and profit = ₹1450.00, then S.P =
(i) ₹3140.00 (ii) ₹2970.00 (iii) ₹2910.00 (iv) ₹2990.00 (v) ₹2830.00

6. If C.P = ₹1080.00 and profit = ₹1700.00, then profit % =
(i) 174.41% (ii) 182.41% (iii) 157.41% (iv) 143.41% (v) 155.41%

7. If C.P = ₹3060.00 and profit % = 14.05%, then S.P =
(i) ₹3340.00 (ii) ₹3720.00 (iii) ₹3490.00 (iv) ₹3460.00 (v) ₹3650.00

8. If C.P = ₹2510.00 and profit % = 27.89%, then profit =
(i) ₹718.00 (ii) ₹695.00 (iii) ₹700.00 (iv) ₹677.00 (v) ₹702.00

9. If C.P = ₹2510.00 and loss = ₹450.00, then S.P =
(i) ₹2130.00 (ii) ₹2030.00 (iii) ₹1900.00 (iv) ₹2060.00 (v) ₹2200.00

10. If C.P = ₹1540.00 and loss = ₹530.00, then loss % =

(i) 31.42% (ii) 37.42% (iii) 34.42% (iv) 29.42% (v) 39.42%

11. If C.P = ₹1930.00 and loss % = 20.73%, then S.P =

(i) ₹1360.00 (ii) ₹1390.00 (iii) ₹1530.00 (iv) ₹1550.00 (v) ₹1760.00

12. If C.P = ₹2690.00 and loss % = 60.97%, then loss =

(i) ₹1640.00 (ii) ₹1910.00 (iii) ₹1570.00 (iv) ₹1800.00 (v) ₹1400.00

13. If S.P = ₹3550.00 and profit = ₹1090.00, then C.P =

(i) ₹2300.00 (ii) ₹2730.00 (iii) ₹2240.00 (iv) ₹2480.00 (v) ₹2460.00

14. If S.P = ₹2890.00 and profit = ₹720.00, then profit % =

(i) 28.18% (ii) 36.18% (iii) 33.18% (iv) 30.18% (v) 38.18%

15. If S.P = ₹3480.00 and profit % = 40.32%, then C.P =

(i) ₹2650.00 (ii) ₹2480.00 (iii) ₹2700.00 (iv) ₹2360.00 (v) ₹2340.00

16. If S.P = ₹3070.00 and profit % = 137.98%, then profit =

(i) ₹1600.00 (ii) ₹1810.00 (iii) ₹1780.00 (iv) ₹2040.00 (v) ₹1610.00

17. If S.P = ₹2200.00 and loss = ₹1740.00, then C.P =

(i) ₹4080.00 (ii) ₹3800.00 (iii) ₹3960.00 (iv) ₹3720.00 (v) ₹3940.00

18. If S.P = ₹2700.00 and loss = ₹1680.00, then loss % =

(i) 33.36% (ii) 43.36% (iii) 38.36% (iv) 41.36% (v) 35.36%

19. If S.P = ₹1030.00 and loss % = 52.97%, then C.P =

(i) ₹2270.00 (ii) ₹2190.00 (iii) ₹2330.00 (iv) ₹2170.00 (v) ₹2030.00

20. If S.P = ₹1720.00 and loss % = 32.02%, then loss =

(i) ₹822.00 (ii) ₹810.00 (iii) ₹797.00 (iv) ₹827.00 (v) ₹806.00

21. Find gain formula

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

22. Find loss formula

- (i) $M.P - C.P$ (ii) $C.P - S.P$ (iii) $S.P - M.P$ (iv) $S.P - C.P$
-

23. Find gain percentage formula

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

24. Find loss percentage formula

- (i) $\left[\frac{S.P - C.P}{C.P} \times 100 \right] \%$ (ii) $\left[\frac{C.P - S.P}{S.P} \times 100 \right] \%$
 (iii) $\left[\frac{S.P - C.P}{S.P} \times 100 \right] \%$ (iv) $\left[\frac{C.P - S.P}{C.P} \times 100 \right] \%$
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25. Find selling price formula

- (i) $\frac{100}{100 + \text{loss}\%} \times C.P$ (ii) $\frac{100}{100 + \text{gain}\%} \times C.P$
 (iii) $\frac{100 + \text{gain}\%}{100} \times C.P$ (iv) $\frac{100 + \text{loss}\%}{100} \times C.P$
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26. Find cost price formula

- (i) $\frac{100}{100 + \text{gain}\%} \times S.P$ (ii) $\frac{100 + \text{gain}\%}{100} \times S.P$
 (iii) $\frac{100}{100 + \text{loss}\%} \times S.P$ (iv) $\frac{100 + \text{loss}\%}{100} \times S.P$
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27. 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) 0 (iv) $2x$
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28. 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

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

Assignment Key

- 1) (ii)
- 2) (v)
- 3) (ii)
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- 7) (iii)
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- 17) (v)
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- 22) (ii)
- 23) (i)
- 24) (iv)
- 25) (iii)
- 26) (i)
- 27) (iii)
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