



1. If S.P = ₹2750.00 and M.P = ₹4580.00, then discount % =
(i) 39.96% (ii) 34.96% (iii) 44.96% (iv) 42.96% (v) 36.96%
2. If C.P = ₹1170.00 and profit = ₹360.00, then profit % =
(i) 25.77% (ii) 30.77% (iii) 35.77% (iv) 27.77% (v) 33.77%
3. If M.P = ₹3550.00 and discount % = 2.82%, then S.P =
(i) ₹3210.00 (ii) ₹3570.00 (iii) ₹3270.00 (iv) ₹3450.00 (v) ₹3680.00
4. 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
5. If C.P = ₹4540.00 and loss % = 70.26%, then loss =
(i) ₹3310.00 (ii) ₹2920.00 (iii) ₹3340.00 (iv) ₹3190.00 (v) ₹3060.00
6. If S.P = ₹1560.00 and loss % = 48.17%, then loss =
(i) ₹1720.00 (ii) ₹1310.00 (iii) ₹1320.00 (iv) ₹1590.00 (v) ₹1450.00
7. If C.P = ₹2570.00 and profit = ₹260.00, then S.P =
(i) ₹2830.00 (ii) ₹2770.00 (iii) ₹2700.00 (iv) ₹2980.00 (v) ₹2910.00
8. Find cost price formula.
(i) $\frac{100}{100 + \text{gain}\%} \times \text{S.P}$ (ii) $\frac{100 + \text{loss}\%}{100} \times \text{S.P}$ (iii) $\frac{100}{100 + \text{loss}\%} \times \text{S.P}$ (iv) $\frac{100 + \text{gain}\%}{100} \times \text{S.P}$
9. Find selling price formula.
(i) $\frac{100 + \text{gain}\%}{100} \times \text{C.P}$ (ii) $\frac{100 + \text{loss}\%}{100} \times \text{C.P}$ (iii) $\frac{100}{100 + \text{gain}\%} \times \text{C.P}$ (iv) $\frac{100}{100 + \text{loss}\%} \times \text{C.P}$
10. If S.P = ₹3420.00 and loss % = 0.58%, then C.P =
(i) ₹3590.00 (ii) ₹3220.00 (iii) ₹3500.00 (iv) ₹3440.00 (v) ₹3260.00
11. Find gain percentage formula.
(i) $\left[\frac{\text{S.P} - \text{C.P}}{\text{C.P}} \times 100 \right] \%$ (ii) $\left[\frac{\text{C.P} - \text{S.P}}{\text{S.P}} \times 100 \right] \%$ (iii) $\left[\frac{\text{S.P} - \text{C.P}}{\text{S.P}} \times 100 \right] \%$ (iv) $\left[\frac{\text{C.P} - \text{S.P}}{\text{C.P}} \times 100 \right] \%$
12. If M.P = ₹4310.00 and discount = ₹1790.00, then discount % =
(i) 36.53% (ii) 46.53% (iii) 38.53% (iv) 41.53% (v) 44.53%

13. If S.P = ₹1830.00 and profit % = 52.50%, then C.P =

- (i) ₹1240.00 (ii) ₹1080.00 (iii) ₹1200.00 (iv) ₹1470.00

14. Find loss formula.

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

15. Find loss percentage formula.

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

16. If S.P = ₹1720.00 and discount % = 64.17%, then M.P =

- (i) ₹4800.00 (ii) ₹4570.00 (iii) ₹4830.00 (iv) ₹4960.00 (v) ₹4720.00

17. If S.P = ₹3680.00 and profit = ₹1780.00, then profit % =

- (i) 93.68% (ii) 90.68% (iii) 98.68% (iv) 88.68% (v) 96.68%

18. If M.P = ₹4580.00 and discount = ₹2680.00, then S.P =

- (i) ₹2120.00 (ii) ₹1900.00 (iii) ₹2060.00 (iv) ₹1740.00 (v) ₹1750.00

19. If S.P = ₹2450.00 and discount = ₹440.00, then M.P =

- (i) ₹3070.00 (ii) ₹3110.00 (iii) ₹2760.00 (iv) ₹2890.00 (v) ₹2620.00

20. If M.P = ₹4880.00 and discount % = 5.33%, then discount =

- (i) ₹244.00 (ii) ₹263.00 (iii) ₹277.00 (iv) ₹255.00 (v) ₹260.00

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

22. If S.P = ₹2580.00 and loss = ₹310.00, then C.P =

- (i) ₹2890.00 (ii) ₹3020.00 (iii) ₹3050.00 (iv) ₹2610.00 (v) ₹2810.00

23. If C.P = ₹1720.00 and S.P = ₹2340.00, then profit =

- (i) ₹638.00 (ii) ₹592.00 (iii) ₹620.00 (iv) ₹636.00 (v) ₹605.00

24. If C.P = ₹2870.00 and S.P = ₹3720.00, then profit % =

- (i) 26.62% (ii) 34.62% (iii) 32.62% (iv) 29.62% (v) 24.62%

25. If S.P = ₹1440.00 and discount % = 67.12%, then discount =

- (i) ₹3170.00 (ii) ₹2940.00 (iii) ₹2680.00 (iv) ₹2880.00 (v) ₹3110.00

Assignment Key

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