EduSahara™ Learning Center Assignment

Grade : Class IX, ICSE
Chapter : Profit, Loss and Discount
Name : Profit and Loss

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1. If C.P = ₹2530.00 and S.P = ₹2560.00, then profit =

   (i) ₹33.00 (ii) ₹35.00 (iii) ₹27.00 (iv) ₹30.00 (v) ₹25.00

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2. If C.P = ₹4090.00 and S.P = ₹3850.00, then loss =

   (i) ₹240.00 (ii) ₹223.00 (iii) ₹265.00 (iv) ₹252.00 (v) ₹228.00

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3. If C.P = ₹2280.00 and S.P = ₹2300.00, then profit % =

   (i) 7.88% (ii) 2.88% (iii) 8.88% (iv) 0.88% (v) 1.88%

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4. If C.P = ₹4020.00 and S.P = ₹1130.00, then loss % =

   (i) 74.89% (ii) 76.89% (iii) 68.89% (iv) 66.89% (v) 71.89%

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5. If C.P = ₹2430.00 and profit = ₹2300.00, then S.P =

   (i) ₹4650.00 (ii) ₹4750.00 (iii) ₹4960.00 (iv) ₹4730.00 (v) ₹4570.00

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6. If C.P = ₹1050.00 and profit = ₹2210.00, then profit % =

   (i) 185.48% (ii) 234.48% (iii) 210.48% (iv) 226.48% (v) 208.48%

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7. If C.P = ₹2010.00 and profit % = 124.38%, then S.P =

   (i) ₹4480.00 (ii) ₹4690.00 (iii) ₹4270.00 (iv) ₹4660.00 (v) ₹4510.00

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8. If C.P = ₹2100.00 and profit % = 63.33%, then profit =

   (i) ₹1480.00 (ii) ₹1210.00 (iii) ₹1470.00 (iv) ₹1330.00

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9. If C.P = ₹1660.00 and loss = ₹200.00, then S.P =

   (i) ₹1460.00 (ii) ₹1290.00 (iii) ₹1400.00 (iv) ₹1740.00 (v) ₹1620.00

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10. If C.P = ₹2050.00 and loss = ₹340.00, then loss % =

    (i) 21.59% (ii) 16.59% (iii) 19.59% (iv) 11.59% (v) 13.59%

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11. If C.P = ₹3260.00 and loss % = 46.01%, then S.P =

    (i) ₹1940.00 (ii) ₹1900.00 (iii) ₹1760.00 (iv) ₹1630.00 (v) ₹1580.00

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12. If C.P = ₹2780.00 and loss % = 46.04%, then loss =

(i) ₹1500.00 (ii) ₹1130.00 (iii) ₹1050.00 (iv) ₹1280.00 (v) ₹1460.00

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13. If S.P = ₹4380.00 and profit = ₹1200.00, then C.P =

    (i) ₹2920.00 (ii) ₹3250.00 (iii) ₹3180.00 (iv) ₹3310.00 (v) ₹3060.00

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14. If S.P = ₹4030.00 and profit = ₹960.00, then profit % =

    (i) 31.27% (ii) 26.27% (iii) 28.27% (iv) 34.27% (v) 36.27%

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15. If S.P = ₹3160.00 and profit % = 31.67%, then C.P =

    (i) ₹2530.00 (ii) ₹2340.00 (iii) ₹2580.00 (iv) ₹2400.00 (v) ₹2150.00

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16. If S.P = ₹3150.00 and profit % = 64.92%, then profit =

    (i) ₹1090.00 (ii) ₹1240.00 (iii) ₹1100.00 (iv) ₹1460.00 (v) ₹1380.00

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17. If S.P = ₹2790.00 and loss = ₹60.00, then C.P =

    (i) ₹3070.00 (ii) ₹2850.00 (iii) ₹3010.00 (iv) ₹2720.00

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18. If S.P = ₹1470.00 and loss = ₹1790.00, then loss % =

    (i) 59.91% (ii) 49.91% (iii) 51.91% (iv) 57.91% (v) 54.91%

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19. If S.P = ₹2010.00 and loss % = 38.91%, then C.P =

    (i) ₹3290.00 (ii) ₹3450.00 (iii) ₹3460.00 (iv) ₹3210.00 (v) ₹3140.00

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20. If S.P = ₹1330.00 and loss % = 6.34%, then loss =

    (i) ₹85.00 (ii) ₹95.00 (iii) ₹90.00 (iv) ₹87.00 (v) ₹93.00

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21. Find gain formula

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

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22. Find loss formula

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

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23. Find gain percentage formula

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

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

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24. Find loss percentage formula

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

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

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25. 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) $\frac{100}{100 + gain\%} \times C.P$

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26. Find cost price formula

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

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

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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) 2x (iv) 0

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

Assignment Key

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