Profit and Loss

- -

1. A person buys a pen from a wholesaler at Rs. 10 for 20 pens. He sells those pens at Rs. 10 for 15 pens. Find his profit or loss percent.

   A) 33.33% profit

   B) 25% profit

   C) 20% loss

   D) 15% loss

   Answer: A) 33.33% profit

2. A dealer incurs a loss of 5% if he sells an article for Rs. 1805. What price must he sell the article so as to gain 5% on that article?

   A) Rs. 1980.25

   B) Rs. 1890

   C) Rs. 1900

   D) Rs. 1850

   Answer: A) Rs. 1980.25

3. The profit earned on selling an article for Rs. 450 is 20%. What is the cost price?

   A) Rs. 375

   B) Rs. 380

   C) Rs. 400

   D) Rs. 350

   Answer: A) Rs. 375

4. A man sells an article at 20% profit for Rs. 720. What is the cost price?

   A) Rs. 600
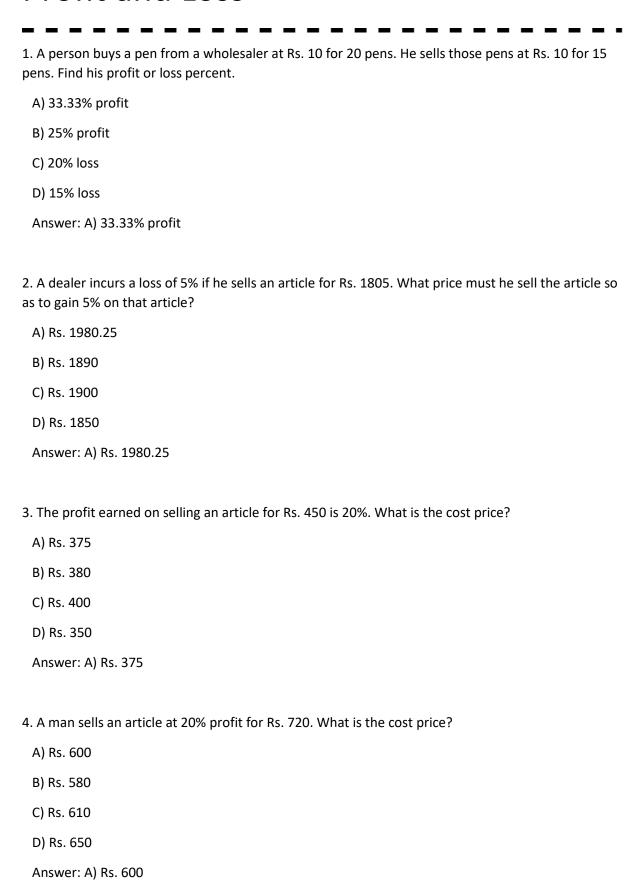
   B) Rs. 580

   C) Rs. 610

   D) Rs. 650

   Answer: A) Rs. 600

5. A shopkeeper sells an article at a loss of 15%. If the selling price is Rs. 850, calculate the cost price.

A) Rs. 1000

B) Rs. 1050

C) Rs. 950

D) Rs. 900

Answer: A) Rs. 1000

6. A man bought 30 apples for Rs. 240 and sold them at 30 apples for Rs. 270. Find the profit or loss percentage.

A) 12.5% profit

B) 10% profit

C) 15% loss

D) 10% loss

Answer: A) 12.5% profit

7. A trader sells an article for Rs. 315 and gains 5%. What is the cost price?

A) Rs. 300

B) Rs. 310

C) Rs. 305

D) Rs. 320

Answer: A) Rs. 300

8. A man sells an article for Rs. 1040 after giving a discount of 20% on the marked price. If he gains 30%, find the cost price.

A) Rs. 800

B) Rs. 850

C) Rs. 900

D) Rs. 950

Answer: A) Rs. 800

9. An article is marked 20% above the cost price and sold at 10% discount on the marked price. Find the gain or loss percentage.

A) 8% gain

B) 12% gain

C) 5% loss

D) 2% loss

Answer: A) 8% gain

10. A man gains 12.5% by selling an article for Rs. 57. What is the cost price?

A) Rs. 50.65

B) Rs. 50.75

C) Rs. 51

D) Rs. 51.5

Answer: A) Rs. 50.65

11. A man bought an article for Rs. 800 and sold it at a loss of 12.5%. What is the selling price?

A) Rs. 700

B) Rs. 710

C) Rs. 720

D) Rs. 730

Answer: A) Rs. 700

12. A shopkeeper sells an article for Rs. 480 with a profit of 20%. Find the cost price.

A) Rs. 400

B) Rs. 390

C) Rs. 380

D) Rs. 370

Answer: A) Rs. 400

13. A watch is sold at a profit of 20%. If the cost price is Rs. 500, find the selling price.

A) Rs. 600

B) Rs. 620

C) Rs. 610

D) Rs. 590

Answer: A) Rs. 600

14. A shopkeeper marks his goods at 25% above the cost price and allows a discount of 10%. Find his gain percentage.

A) 12.5%

B) 15%

C) 10%

D) 8%

Answer: A) 12.5%

15. A retailer purchases 240 pens at Rs. 5 each and sells them at Rs. 6 per pen. Find the profit percentage.

A) 20%

B) 24%

C) 18%

D) 16%

Answer: A) 20%

16. An article costing Rs. 600 is sold for Rs. 720. Calculate the profit percentage.

A) 20%

B) 18%

C) 16%

D) 25%

Answer: A) 20%

17. A shopkeeper allows 12% discount on the marked price and still gains 15%. Marked price is 50% above the cost price. What is the discount percentage on cost price?

A) 21.5%

B) 22%

C) 20%

D) 23%

Answer: A) 21.5%

18. A man gets 20% profit by selling an article for Rs. 180. Find the cost price.

A) Rs. 150

B) Rs. 140

C) Rs. 160

D) Rs. 170

Answer: A) Rs. 150

19. An article is sold at a loss of 6%. If the selling price is Rs. 282, find the cost price.

A) Rs. 300

B) Rs. 290

C) Rs. 295

D) Rs. 310

Answer: A) Rs. 300

20. A man sells an article for Rs. 850 at 15% loss. What is the cost price?

A) Rs. 1000

B) Rs. 1100

C) Rs. 1150

D) Rs. 1050

Answer: A) Rs. 1000

21. A trader sold an article for Rs. 1680 and gained 20%. Find the cost price.

A) Rs. 1400

B) Rs. 1450

C) Rs. 1500

D) Rs. 1350

Answer: A) Rs. 1400

22. A retailer marks his goods 60% above the cost price and sells them at 25% discount. Calculate his profit or loss percent.

   A) 5% profit

   B) 10% profit

   C) 7% loss

   D) 5% loss

   Answer: A) 5% profit

23. A man sells an article at a profit of 10%. He gives a discount of 10%. Find the gain or loss percentage.

   A) No profit no loss

   B) 1% loss

   C) 1% profit

   D) 5% loss

   Answer: A) No profit no loss

24. A man purchased a radio for Rs. 960 and sold it at 10% profit. What was the selling price?

   A) Rs. 1,056

   B) Rs. 1,060

   C) Rs. 1,065

   D) Rs. 1,050

   Answer: A) Rs. 1,056

25. A retailer purchased 480 tins of biscuits at Rs. 0.80 each and sold them at Rs. 1.2 each. Find the profit percent.

   A) 50%

   B) 40%

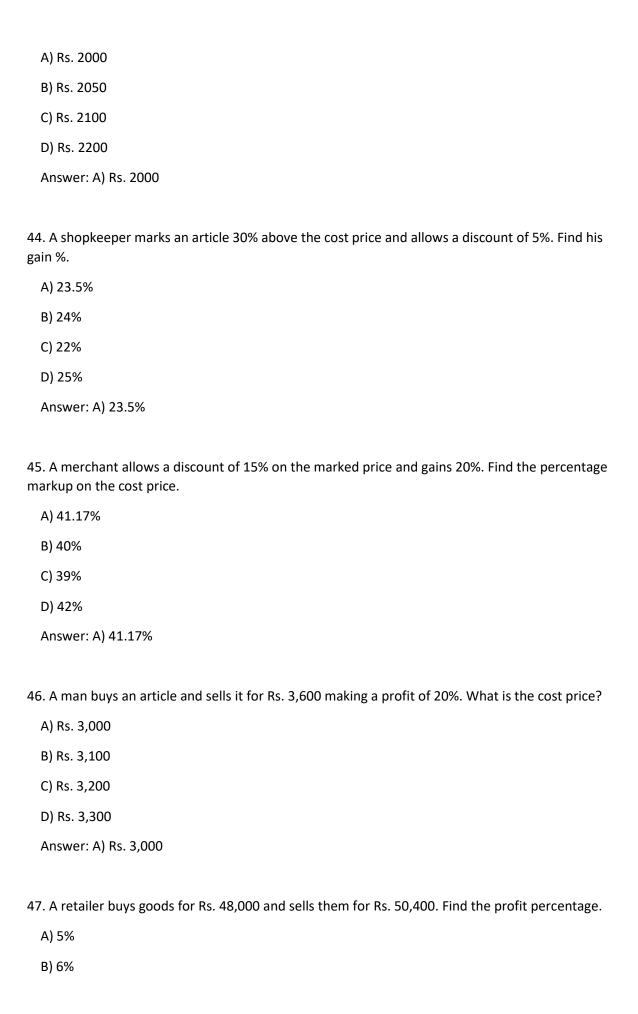   C) 45%

   D) 55%

   Answer: A) 50%

26. A man condoned a loss of 8% on selling an article for Rs. 1,380. Find the cost price of the article.

   A) Rs. 1,500

   B) Rs. 1,600

   C) Rs. 1,450

   D) Rs. 1,400

   Answer: A) Rs. 1,500

27. A trader purchased a watch for Rs. 800 and sold it for Rs. 875. Find his gain or loss percent.

   A) 9.38% gain

   B) 8.5% gain

   C) 9% gain

   D) 8% gain

   Answer: A) 9.38% gain

28. An article is sold for Rs. 1,150 giving a profit of 10%. Find the cost price.

   A) Rs. 1,045.45

   B) Rs. 1,050

   C) Rs. 1,040

   D) Rs. 1,060

   Answer: A) Rs. 1,045.45

29. A person sold an article for Rs. 2,200 making a loss of 10%. Find the cost price of the article?

   A) Rs. 2,444.44

   B) Rs. 2,450

   C) Rs. 2,400

   D) Rs. 2,430

   Answer: A) Rs. 2,444.44

30. A person bought an article at Rs. 240 and sold it at a profit of 30%. What was the selling price?

   A) Rs. 312

   B) Rs. 315

C) Rs. 310

D) Rs. 320

Answer: A) Rs. 312

31. A man sells two articles of the same cost price. On one he gains 10% and on the other he loses 10%. Find his overall gain or loss percent.

A) 1% loss

B) 0% no profit no loss

C) 1% gain

D) 10% loss

Answer: A) 1% loss

32. A man sells an article at a loss of 20%. Had he sold it for Rs. 40 more, he would have gained 10%. Find the cost price.

A) Rs. 200

B) Rs. 210

C) Rs. 198

D) Rs. 205

Answer: A) Rs. 200

33. A man sold an article for Rs. 320 and incurred a loss of 20%. Find the cost price of the article.

A) Rs. 400

B) Rs. 420

C) Rs. 410

D) Rs. 430

Answer: A) Rs. 400

34. A shopkeeper marks an article 45% above the cost price and allows 10% discount on it. Find his gain percent.

A) 30.5%

B) 32%

C) 31%

D) 28%

Answer: A) 30.5%

35. The marked price of an article is 20% more than the cost price. The shopkeeper allows 25% discount on the marked price. Find the loss percent.

A) 5% loss

B) 2% loss

C) 3% loss

D) 4% loss

Answer: A) 5% loss

36. A man loses 15% on selling an article for Rs. 425. What is the cost price of the article?

A) Rs. 500

B) Rs. 510

C) Rs. 495

D) Rs. 520

Answer: A) Rs. 500

37. A trader marks an article 25% above the cost price and allows a discount of 10%. Find the profit percent.

A) 12.5%

B) 13%

C) 12%

D) 14%

Answer: A) 12.5%

38. An article is sold at a gain of 25%. The cost price of the article is Rs. 240. Find the selling price.

A) Rs. 300

B) Rs. 305

C) Rs. 310

D) Rs. 315

Answer: A) Rs. 300

39. The selling price of an article is Rs. 450. If the gain is 20%, find the cost price.

   A) Rs. 375

   B) Rs. 370

   C) Rs. 380

   D) Rs. 365

   Answer: A) Rs. 375

40. A man allows a discount of 10% on the marked price and still gains 20%. Find the profit percentage on the cost price.

   A) 8%

   B) 9%

   C) 10%

   D) 11%

   Answer: C) 10%

41. An article is marked 15% above the cost price and sold at 20% discount on the marked price. Find the profit or loss percentage.

   A) 2% loss

   B) 3% loss

   C) 1% loss

   D) 4% loss

   Answer: A) 2% loss

42. A person bought a watch for Rs. 750 and sold it at 20% profit. What is the selling price?

   A) Rs. 900

   B) Rs. 850

   C) Rs. 880

   D) Rs. 860

   Answer: A) Rs. 900

43. A man sold an article at a 25% gain for Rs. 2500. Find the cost price.

A) Rs. 2000

B) Rs. 2050

C) Rs. 2100

D) Rs. 2200

Answer: A) Rs. 2000

44. A shopkeeper marks an article 30% above the cost price and allows a discount of 5%. Find his gain %.

A) 23.5%

B) 24%

C) 22%

D) 25%

Answer: A) 23.5%

45. A merchant allows a discount of 15% on the marked price and gains 20. Find the percentage markup on the cost price.

A) 41.17%

B) 40%

C) 39%

D) 42%

Answer: A) 41.17%

46. A man buys an article and sells it for Rs. 3,600 making a profit of 20%. What is the cost price?

A) Rs. 3,000

B) Rs. 3,100

C) Rs. 3,200

D) Rs. 3,300

Answer: A) Rs. 3,000

47. A retailer buys goods for Rs. 48,000 and sells them for Rs. 50,400. Find the profit percentage.

A) 5%

B) 6%

C) 7%

D) 8%

Answer: A) 5%

48. A man sells an article at a loss of 8%. If the cost price is Rs. 1,250, find the selling price.

A) Rs. 1,150

B) Rs. 1,200

C) Rs. 1,180

D) Rs. 1,160

Answer: A) Rs. 1,150

49. A man sells an article at 24% profit. If the selling price is Rs. 1240, find the cost price.

A) Rs. 1,000

B) Rs. 1,020

C) Rs. 1,030

D) Rs. 1,050

Answer: A) Rs. 1,000

50. A trader sells an article at 15% discount on the marked price and gains 20%. Find the markup percentage on cost price.

A) 41.17%

B) 40%

C) 45%

D) 42%

Answer: A) 41.17%

51. An article was bought for Rs. 5600. Its price was marked up by 12%. Thereafter it was sold at a discount of 5% on the marked price. What was the market price of the article?

A) Rs. 6207

B) Rs. 6242

C) Rs. 6292

D) Rs. 6192

Answer: A) Rs. 6207

52. An article was bought for Rs. 5600. Its price was marked up by 12%. Thereafter it was sold at a discount of 5% on the marked price. What was the percent profit on the transaction?

A) 6.8%

B) 6.3%

C) 6.4%

D) 6.6%

Answer: A) 6.8%

53. If a shopkeeper allows 30% discount on the marked price of their products and the retailer sells those products at marked price, what will be the retailer's profit %?

A) 42.14%

B) 40%

C) 45%

D) 38%

Answer: A) 42.14%

54. Prathik sold a music system to Karthik at 20% profit and Karthik sold it to Swasthik at 40% gain. If Swasthik paid Rs. 10,500 for the music system, what amount did Prathik pay for the same?

A) Rs. 8,240

B) Rs. 7,500

C) Rs. 6,250

D) Cannot be determined

Answer: A) Rs. 8,240

55. A person sold a product for Rs. 1200 and got 20% loss. If he needs to get 30% profit, then the price at which he needs to sell is?

A) Rs. 1980

B) Rs. 1560

C) Rs. 1440

D) Rs. 1800

56. A man sold an item for Rs. 5,625 and incurred a loss of 25%. At what price should he have sold the item to gain a profit of 25%?

   A) Rs. 9,375

   B) Rs. 10,500

   C) Rs. 8,250

   D) Cannot be determined

   Answer: A) Rs. 9,375

57. Kartik sold an item for Rs. 6,500 and incurred a loss of 20%. At what price should he have sold the item to have gained a profit of 20%?

   A) Rs. 10,375

   B) Rs. 9,750

   C) Rs. 8,125

   D) Cannot be determined

   Answer: A) Rs. 10,375

58. Manoj incurred a loss of 40 percent on selling an article for Rs. 5,700. What was the cost price of the article?

   A) Rs. 7,725

   B) Rs. 9,080

   C) Rs. 8,250

   D) Rs. 9,400

   Answer: A) Rs. 7,725

59. Raj sold an item for Rs. 6,384 and incurred a loss of 30%. At what price should he have sold the item to have gained a profit of 30%?

   A) Rs. 14,656

   B) Rs. 11,856

   C) Rs. 13,544

   D) Cannot be determined

Answer: A) Rs. 14,656

60. A dishonest dealer prefers to sell his goods at cost price but uses less weight for a kilogram weight and gains 4 1/6%. What weight does he use for a kilogram?

A) 960 gm

B) 950 gm

C) 980 gm

D) 990 gm

Answer: A) 960 gm

61. 21 articles were bought for Rs. 6531 and sold for Rs. 9954. How much was the approximate profit percentage per article?

A) 49%

B) 56%

C) 43%

D) 52%

Answer: A) 49%

62. A man purchases 4 tables and 5 chairs for Rs. 1000. If he sells the tables at 10% profit and chairs at 20% profit, he earns a profit of Rs. 120. What is the cost of one table?

A) Rs. 200

B) Rs. 220

C) Rs. 240

D) Rs. 260

Answer: A) Rs. 200

63. A refrigerator and a camera were sold for Rs. 12,000 each. The refrigerator was sold at a loss of 20%, and the camera at a gain of 20%. What is the overall gain or loss?

A) No profit or loss

B) Loss of Rs. 1000

C) Gain of Rs. 1000

D) Loss of Rs. 2000

Answer: A) No profit or loss

64. The cost price of 25 books is equal to the selling price of 20 books. What is the profit percent?

A) 25%

B) 20%

C) 22%

D) 24%

Answer: A) 25%

65. By selling a tape-recorder for Rs. 1040, a man gains 4%. If he sells it for Rs. 950, his loss will be

A) 5%

B) 4%

C) 4.5%

D) 9%

Answer: A) 5%

66. To make a profit of 20%, the selling price of the goods is Rs. 240. Find the cost price.

A) Rs. 200

B) Rs. 210

C) Rs. 220

D) Rs. 230

Answer: A) Rs. 200

67. The marked price of a machine is Rs. 18,000. By selling it at a discount of 20%, the loss is 4%. What is the cost price?

A) Rs. 15,000

B) Rs. 12,000

C) Rs. 14,000

D) Rs. 10,000

Answer: A) Rs. 15,000

68. A salesman expects a gain of 13% on his cost price. If his sale was Rs. 791,000, what was his profit?

   A) Rs. 85,659

   B) Rs. 88,300

   C) Rs. 91,000

   D) Rs. 97,786

   Answer: A) Rs. 85,659

69. By selling a car for Rs. 64,000, a man lost 20%. What was the cost price?

   A) Rs. 80,000

   B) Rs. 72,000

   C) Rs. 70,000

   D) Rs. 65,000

   Answer: A) Rs. 80,000

70. An item sold for Rs. 1,690 earned 30% profit on the cost price. What is the cost price?

   A) Rs. 1,300

   B) Rs. 1,350

   C) Rs. 1,400

   D) Rs. 1,250

   Answer: A) Rs. 1,300

71. A fan is listed at Rs. 150, and a discount of 20% is given. Find the selling price.

   A) Rs. 120

   B) Rs. 110

   C) Rs. 100

   D) Rs. 140

   Answer: A) Rs. 120

72. A company allows 30% discount on marked price. If retailer sells at marked price, what is his profit percent?

   A) 42 1/7%

B) 30%

C) 40%

D) 33 1/3%

Answer: A) 42 1/7%

73. A man buys an article for Rs. 600 and sells it for Rs. 720. Calculate the profit percent.

   A) 20%

   B) 18%

   C) 15%

   D) 25%

   Answer: A) 20%

74. An article is marked 45% above the cost price and sold at a discount of 10%. Find the gain percent.

   A) 25.5%

   B) 22%

   C) 20%

   D) 23%

   Answer: A) 25.5%

75. A trader makes a 10% profit on the selling price of an article. What is his gain percentage on cost price?

   A) 11.11%

   B) 10%

   C) 12%

   D) 15%

   Answer: A) 11.11%

76. A man sells an article for Rs. 500 at 20% loss. At what price should he sell to gain 20%?

   A) Rs. 750

   B) Rs. 800

   C) Rs. 780

D) Rs. 770

Answer: A) Rs. 750

77. A person sells an article for Rs. 1200 and loses 20%. What is the cost price?

A) Rs. 1500

B) Rs. 1400

C) Rs. 1600

D) Rs. 1300

Answer: A) Rs. 1500

78. Selling price of an article is Rs. 960. If there is a loss of 20%, what is the cost price?

A) Rs. 1200

B) Rs. 1100

C) Rs. 1000

D) Rs. 1150

Answer: A) Rs. 1200

79. A shopkeeper sells an article at 30% profit. If the selling price is Rs. 2600, find the cost price.

A) Rs. 2000

B) Rs. 2100

C) Rs. 2200

D) Rs. 2150

Answer: A) Rs. 2000

80. The selling price of a book is Rs. 300 besides 20% discount is given. What is the price marked on the book?

A) Rs. 375

B) Rs. 360

C) Rs. 350

D) Rs. 340

Answer: A) Rs. 375

81. A man sold an article at 20% profit and 10% discount on the marked price. What is the profit percent on the marked price?

   A) 15%

   B) 12%

   C) 10%

   D) 18%

   Answer: A) 15%

82. A shopkeeper gains 20% by selling three articles for Rs. 210. If the cost price of the first two articles be Rs. 51 and Rs. 54 respectively, find the cost price of the third article.

   A) Rs. 105

   B) Rs. 110

   C) Rs. 115

   D) Rs. 120

   Answer: A) Rs. 105

83. A man purchased an article and sold it at a profit of 20%. If he had bought it for 10% less and sold at Rs. 20 more, his profit would have been 30%. Find the cost price.

   A) Rs. 100

   B) Rs. 110

   C) Rs. 120

   D) Rs. 130

   Answer: A) Rs. 100

84. A man bought 45 oranges for Rs. 135 and sold them at the rate of 6 oranges for Rs. 20. Find his profit or loss percentage.

   A) 11.11% profit

   B) 15% profit

   C) 20% loss

   D) 10% loss

   Answer: A) 11.11% profit

85. A fruit seller buys apples at the rate of 4 for Rs. 5 and sells them at the rate of 3 for Rs. 5. Find the profit or loss percentage.

A) 33 1/3% profit

B) 33 1/3% loss

C) 25% profit

D) 25% loss

Answer: A) 33 1/3% profit

86. An article is sold at 20% profit. If the cost price is doubled and the selling price is also doubled, then what will be the profit percent?

A) 20%

B) 40%

C) 25%

D) 22.5%

Answer: A) 20%

87. The profit earned by selling an article for Rs. 525 is 25%. Find the cost price.

A) Rs. 420

B) Rs. 430

C) Rs. 440

D) Rs. 450

Answer: A) Rs. 420

88. A shopkeeper marks an article 20% above its cost price and sells it at 10% discount. What is his gain percentage?

A) 8%

B) 9%

C) 10%

D) 6%

Answer: A) 8%

89. A man bought a cycle for Rs. 4,300 and sold it at 10% loss. What is the selling price?

   A) Rs. 3,870

   B) Rs. 3,900

   C) Rs. 3,850

   D) Rs. 4,000

   Answer: A) Rs. 3,870

90. The price of a fan is marked Rs. 1,300 and a discount of 10% is allowed on the marked price. The cost price is Rs. 1,100. Find the profit percent.

   A) 5%

   B) 6%

   C) 7%

   D) 8%

   Answer: A) 5%

91. A person sold an article for Rs. 720 and gained 20%. What is the cost price?

   A) Rs. 600

   B) Rs. 610

   C) Rs. 615

   D) Rs. 620

   Answer: A) Rs. 600

92. The cost price of a radio is Rs. 15,000. The retailer marks the radio at Rs. 18,000 and allows a discount of 10% to his customer. Find the profit or loss percent.

   A) 2% loss

   B) 2% profit

   C) 5% loss

   D) 5% profit

   Answer: A) 2% loss

93. A person sells a book for Rs. 150 and gains 25%. What was the cost price?

   A) Rs. 120

B) Rs. 115

C) Rs. 125

D) Rs. 105

Answer: A) Rs. 120

94. A shopkeeper sold a chair for Rs. 480 and made a loss of 20%. Find the cost price.

A) Rs. 600

B) Rs. 550

C) Rs. 500

D) Rs. 580

Answer: A) Rs. 600

95. A man sells an article at 25% gain for Rs. 1,250. What is the cost price?

A) Rs. 1000

B) Rs. 1100

C) Rs. 1200

D) Rs. 900

Answer: A) Rs. 1000

96. An article was sold for Rs. 540 with 10% loss. Find the cost price.

A) Rs. 600

B) Rs. 550

C) Rs. 580

D) Rs. 615

Answer: A) Rs. 600

97. The cost price of a table is Rs. 4,500 and the selling price is Rs. 5,400. Calculate the gain or loss%.

A) 20% profit

B) 15% profit

C) 18% profit

D) 16% profit

Answer: A) 20% profit

98. The cost price of an article is Rs. 1,500. If it is sold with 10% gain, find the selling price.

   A) Rs. 1,650

   B) Rs. 1,600

   C) Rs. 1,680

   D) Rs. 1,670

   Answer: A) Rs. 1,650

99. If a man sells an article for Rs. 4200 and loses 5%, what is the cost price?

   A) Rs. 4,421

   B) Rs. 4,418

   C) Rs. 4,350

   D) Rs. 4,400

   Answer: A) Rs. 4,421

100. A man sold an article for Rs. 1,540 and lost 15%. What is the cost price?

   A) Rs. 1,812

   B) Rs. 1,840

   C) Rs. 1,850

   D) Rs. 1,870

   Answer: A) Rs. 1,812