

Profit and Loss

1. A shopkeeper buys an item for Rs. 632 and sells it at a profit of 20%. What is the selling price?

- A) Rs. 734
- B) Rs. 750
- C) Rs. 758
- D) Rs. 760

Answer: C) Rs. 758

2. A shopkeeper buys an item for Rs. 755 and sells it at a profit of 25%. What is the selling price?

- A) Rs. 940
- B) Rs. 940.75
- C) Rs. 943
- D) Rs. 945

Answer: C) Rs. 943

3. A shopkeeper buys an item for Rs. 877 and sells it at a profit of 40%. What is the selling price?

- A) Rs. 1210
- B) Rs. 1215
- C) Rs. 1220
- D) Rs. 1227

Answer: D) Rs. 1227

4. A shopkeeper buys an item for Rs. 795 and sells it at a profit of 40%. What is the selling price?

- A) Rs. 1107
- B) Rs. 1111
- C) Rs. 1113
- D) Rs. 1115

Answer: C) Rs. 1113

5. A shopkeeper buys an item for Rs. 311 and sells it at a profit of 15%. What is the selling price?

- A) Rs. 357
- B) Rs. 359
- C) Rs. 360
- D) Rs. 362

Answer: A) Rs. 357

6. A shopkeeper buys an item for Rs. 444 and sells it at a profit of 25%. What is the selling price?

- A) Rs. 553
- B) Rs. 555
- C) Rs. 558
- D) Rs. 560

Answer: B) Rs. 555

7. A man bought a bike for Rs. 12,000 and sold it at a loss of 10%. Find the selling price.

- A) Rs. 10,800
- B) Rs. 11,500
- C) Rs. 11,700
- D) Rs. 10,900

Answer: A) Rs. 10,800

8. An article was bought for Rs. 900 and sold for Rs. 1,000. Find the profit percentage.

- A) 10%
- B) 11.11%
- C) 12%
- D) 13%

Answer: B) 11.11%

9. A lamp was sold for Rs. 360 after a loss of 10%. Find the cost price.

- A) Rs. 400
- B) Rs. 390

C) Rs. 370

D) Rs. 375

Answer: A) Rs. 400

10. A man sells an article for Rs. 1100 and gains 10%. Calculate the cost price.

A) Rs. 1000

B) Rs. 1010

C) Rs. 1020

D) Rs. 1030

Answer: A) Rs. 1000

11. A watch was sold for Rs. 800 with a profit of $33\frac{1}{3}\%$. What was the cost price?

A) Rs. 600

B) Rs. 620

C) Rs. 630

D) Rs. 640

Answer: A) Rs. 600

12. A man bought goods for Rs. 400 and sold them for Rs. 380. Find the loss percentage.

A) 5%

B) 4.5%

C) 4%

D) 6%

Answer: A) 5%

13. A man sells an article for Rs. 1,535 and gains 15%. What is the cost price?

A) Rs. 1,400

B) Rs. 1,300

C) Rs. 1,350

D) Rs. 1,450

Answer: A) Rs. 1,400

14. A fruit seller buys mangoes at Rs. 240 and sells them at Rs. 300. Find his profit percent.

- A) 25%
- B) 20%
- C) 22.5%
- D) 23%

Answer: A) 25%

15. A retailer marks the price of an article 20% above the cost price and allows 10% discount for the customer. Find his profit percentage.

- A) 8%
- B) 7%
- C) 9%
- D) 10%

Answer: A) 8%

16. A shopkeeper bought 100 articles for Rs. 5,000 and sold at a profit of 20%. Find the selling price of each article.

- A) Rs. 60
- B) Rs. 55
- C) Rs. 50
- D) Rs. 65

Answer: A) Rs. 60

17. An article bought for Rs. 875 is sold at Rs. 700. Find the loss percentage.

- A) 20%
- B) 25%
- C) 22%
- D) 18%

Answer: A) 20%

18. A book is sold for Rs. 180 giving 20% gain. Find the cost price of the book.

A) Rs. 150

B) Rs. 160

C) Rs. 145

D) Rs. 138

Answer: A) Rs. 150

19. A man loses 10% by selling an article for Rs. 450. What is the cost price?

A) Rs. 500

B) Rs. 480

C) Rs. 470

D) Rs. 460

Answer: A) Rs. 500

20. A man sells an article at a profit of 5% and gains Rs. 60. What is the cost price?

A) Rs. 1200

B) Rs. 1500

C) Rs. 1300

D) Rs. 1000

Answer: D) Rs. 1000

21. The cost price of an article is Rs. 1000. The selling price is Rs. 1200. Find the profit percentage.

A) 20%

B) 18%

C) 15%

D) 12%

Answer: A) 20%

22. A trader bought 200 articles for Rs. 4000 and sold them for Rs. 4400. Find the profit percentage.

A) 10%

B) 15%

C) 12%

D) 8%

Answer: A) 10%

23. A man sold an article at a loss of 30%. If he had sold it for Rs. 90 more, he would have gained 20%. What is the cost price of the article?

A) Rs. 300

B) Rs. 250

C) Rs. 350

D) Rs. 400

Answer: A) Rs. 300

24. An article is sold at a profit of 12%. If the selling price is Rs. 280, find the cost price.

A) Rs. 250

B) Rs. 245

C) Rs. 260

D) Rs. 255

Answer: A) Rs. 250

25. A retail shopkeeper marks the price of an article 25% above the cost price and sells it at a discount of 15% on the marked price. Find the gain or loss percentage.

A) 7.5% gain

B) 5% gain

C) 8% gain

D) 4.5% gain

Answer: A) 7.5% gain

26. A man sold an article for Rs. 96 and gained 20%. Find the cost price.

A) Rs. 80

B) Rs. 90

C) Rs. 85

D) Rs. 88

Answer: A) Rs. 80

27. The cost price of 10 articles is equal to the selling price of 8 articles. Find the profit percentage.

A) 25%

B) 20%

C) 22%

D) 18%

Answer: A) 25%

28. A trader sells two articles for Rs. 1000 each. On one he gains 30% and on the other he loses 30%. Find the overall gain or loss.

A) 4% loss

B) 6% loss

C) 5% loss

D) 7% loss

Answer: A) 4% loss

29. The cost price of 5 articles is equal to the selling price of 6 articles. Find gain percentage.

A) 20%

B) 25%

C) 22%

D) 18%

Answer: B) 20%

30. The profit earned on selling an article for Rs. 750 is 25%. Find the cost price.

A) Rs. 600

B) Rs. 580

C) Rs. 620

D) Rs. 630

Answer: A) Rs. 600

31. The marked price of an article is Rs. 240. A discount of Rs. 30 is allowed on the marked price. Find the selling price and profit percentage if the cost price is Rs. 180.

A) Rs. 210; 16.67%

B) Rs. 220; 17%

C) Rs. 210; 18%

D) Rs. 200; 16.67%

Answer: A) Rs. 210; 16.67%

32. A man purchases an item for Rs. 400 and sells it at Rs. 380. Find the loss percentage.

A) 5%

B) 4.5%

C) 5.5%

D) 4%

Answer: A) 5%

33. An article is sold for Rs. 200 with a gain of 25%. Find the cost price.

A) Rs. 160

B) Rs. 170

C) Rs. 180

D) Rs. 150

Answer: A) Rs. 160

34. A man sold an article at Rs. 360 and made a profit of 20%. Find the cost price of the article.

A) Rs. 300

B) Rs. 320

C) Rs. 330

D) Rs. 310

Answer: A) Rs. 300

35. A man bought an article for Rs. 500 and sold it for Rs. 450. Calculate his loss percentage.

A) 10%

B) 8%

C) 12%

D) 11%

Answer: A) 10%

36. A shopkeeper marks his goods $33\frac{1}{3}\%$ above cost price and allows 10% discount. Find his gain or loss percent.

A) 16.67% gain

B) 15% gain

C) 18% gain

D) 17% gain

Answer: A) 16.67% gain

37. A retailer buys goods for Rs. 10,000 and sells them at Rs. 11,200. Find out his profit percentage.

A) 12%

B) 10%

C) 15%

D) 14%

Answer: A) 12%

38. A man sold an article at 10% loss. If he had sold it for Rs. 280 more, he would have gained 5%. Find the cost price of the article.

A) Rs. 2000

B) Rs. 1800

C) Rs. 1900

D) Rs. 1850

Answer: A) Rs. 2000

39. A man sells an article at a profit of 10%. How much discount can he allow so that there is no loss?

A) 9.1%

B) 8.5%

C) 10%

D) 9%

Answer: A) 9.1%

40. A retailer bought some chairs for Rs. 70 each and sold them at Rs. 80 each. Find his profit percentage.

- A) 14.29%
- B) 12%
- C) 10%
- D) 15%

Answer: A) 14.29%

41. An article is sold for Rs. 340, gaining 7%. Find the cost price.

- A) Rs. 317.75
- B) Rs. 320
- C) Rs. 315
- D) Rs. 310

Answer: A) Rs. 317.75

42. The selling price of an article is Rs. 450 and the profit is 20%. Find the cost price.

- A) Rs. 375
- B) Rs. 380
- C) Rs. 400
- D) Rs. 385

Answer: A) Rs. 375

43. A man sells an item for Rs. 500 at 10% loss. Calculate the cost price.

- A) Rs. 555.56
- B) Rs. 540
- C) Rs. 560
- D) Rs. 550

Answer: A) Rs. 555.56

44. The cost price of 50 pens is equal to the selling price of 40 pens. Find the profit percentage.

A) 25%

B) 20%

C) 30%

D) 40%

Answer: A) 25%

45. A retailer sells an article at a loss of 5%. If he had sold it for Rs. 8 more, he would have gained 11%. Calculate the cost price.

A) Rs. 80

B) Rs. 90

C) Rs. 70

D) Rs. 85

Answer: A) Rs. 80

46. A person sells his bicycle at Rs. 500 and loses 20%. Find the cost price of the bicycle.

A) Rs. 625

B) Rs. 620

C) Rs. 630

D) Rs. 640

Answer: A) Rs. 625

47. A man bought an article for Rs. 500 and sold it for Rs. 600. Find the profit percent.

A) 20%

B) 18%

C) 25%

D) 22%

Answer: A) 20%

48. The cost price of an article is Rs. 400. It is sold for Rs. 460. Find the profit percentage.

A) 15%

B) 12%

C) 14%

D) 10%

Answer: A) 15%

49. A watch was sold for Rs. 480 after a gain of 20%. Find the cost price of the watch.

A) Rs. 400

B) Rs. 390

C) Rs. 410

D) Rs. 420

Answer: A) Rs. 400

50. A man buys a bicycle for Rs. 1,000 and sells it for Rs. 1,200. Calculate the profit/loss percentage.

A) 20% profit

B) 18% profit

C) 15% profit

D) 22% profit

Answer: A) 20% profit

51. After selling 110 oranges, a shopkeeper claims that he makes a profit equal to the selling price of 22 oranges. Find the profit percentage of the shopkeeper.

A) 20%

B) 25%

C) 30%

D) 35%

Answer: B) 25%

52. A invested Rs. 4200 for 12 months and B invested Rs. 10500 for 8 months. The total profit is Rs. 44800. What is the profit share of B?

A) Rs. 28000

B) Rs. 18000

C) Rs. 24000

D) Rs. 26000

Answer: A) Rs. 28000

53. The profit percentage made when an article is sold for Rs. 78 is twice as much as when it is sold for Rs. 69. The cost price is:

- A) Rs. 51
- B) Rs. 60
- C) Rs. 55.50
- D) Rs. 70

Answer: B) Rs. 60

54. A man sold an item for Rs. 7500 and incurred a loss of 25%. At what price should he have sold the item to have gained a profit of 25%?

- A) Rs. 13800
- B) Rs. 12500
- C) Rs. 11200
- D) Rs. 13000

Answer: A) Rs. 13800

55. Sarita earned a profit of 30 percent on selling an article for Rs. 6110. What was the cost price of the article?

- A) Rs. 4270
- B) Rs. 4570
- C) Rs. 5050
- D) Rs. 4700

Answer: D) Rs. 4700

56. Sujit incurred a loss of 45 percent on selling an article for Rs. 3740. What was the cost price of the article?

- A) Rs. 6800
- B) Rs. 5700
- C) Rs. 4700
- D) Rs. 5400

Answer: B) Rs. 5700

57. Mehul sold an item for Rs. 5625 and incurred a loss of 25%. At what price should he have sold the item to gain a profit of 25%?

- A) Rs. 9375
- B) Rs. 10500
- C) Rs. 8250
- D) Rs. 9350

Answer: A) Rs. 9375

58. Kartik sold an item for Rs. 6500 and incurred a loss of 20%. At what price should he have sold the item to have gained a profit of 20%?

- A) Rs. 10375
- B) Rs. 9750
- C) Rs. 8125
- D) Rs. 10125

Answer: A) Rs. 10375

59. Manoj incurred a loss of 40 percent on selling an article for Rs. 5700. What was the cost price of the article?

- A) Rs. 9520
- B) Rs. 8800
- C) Rs. 9450
- D) Rs. 7625

Answer: A) Rs. 9520

60. Raj sold an item for Rs. 6384 and incurred a loss of 30%. At what price should he have sold the item to have gained a profit of 30%?

- A) Rs. 14656
- B) Rs. 11856
- C) Rs. 13544
- D) Rs. 12800

Answer: A) Rs. 14656

61. A man bought 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

62. A refrigerator and a camera are sold for Rs. 12000 each. The refrigerator was sold at a loss of 20% and the camera at a gain of 20%. These transactions result in:

- A) No loss or gain
- B) Loss of Rs. 1000
- C) Gain of Rs. 1000
- D) Loss of Rs. 2000

Answer: A) No loss or gain

63. If the cost price of 15 articles is equal to the selling price of 20 articles, then find the loss or gain percent.

- A) 25% gain
- B) 20% gain
- C) 25% loss
- D) 20% loss

Answer: C) 25% loss

64. The marked price of a machine is Rs. 18000. By selling it at a discount of 20%, the loss incurred is 4%. What is the cost price of the machine?

- A) Rs. 15000
- B) Rs. 17000
- C) Rs. 16000
- D) Rs. 14000

Answer: A) Rs. 15000

65. The profit earned after selling an article for Rs. 878 is the same as loss incurred after selling it for Rs. 636. What is the cost price?

A) Rs. 757

B) Rs. 787

C) Rs. 797

D) Rs. 767

Answer: C) Rs. 797

66. If a trader estimates his loss as 10% of the selling price, what is his real loss percentage?

A) 11.11%

B) 10%

C) 9%

D) 8%

Answer: A) 11.11%

67. A person sells two horses for Rs. 480 each. On the first horse he gains 25% and on the second horse he loses 25%. Find the gain or loss percent in the whole transaction.

A) Loss of 6.25%

B) Gain of 6.25%

C) Loss of 5%

D) Gain of 5%

Answer: A) Loss of 6.25%

68. A trader gives an additional concession of 35% on an item which is already discounted by 20% on the marked price. If the buyer pays Rs. 1300 for the article, then the marked price is:

A) Rs. 2500

B) Rs. 2250

C) Rs. 2300

D) Rs. 2400

Answer: A) Rs. 2500

69. A salesman expects to make a gain of 13% on his cost price. If his sale for a month was Rs. 7,91,000, what was his profit?

A) Rs. 85,659

B) Rs. 88,300

C) Rs. 91,000

D) Rs. 87,000

Answer: A) Rs. 85,659

70. By selling a car for Rs. 64,000, a man lost 20%. Then, the cost price of the car is:

A) Rs. 80,000

B) Rs. 72,000

C) Rs. 75,000

D) Rs. 85,000

Answer: A) Rs. 80,000

71. An item when sold for Rs. 1690 earned 30% profit on the cost price. Then the cost price is:

A) Rs. 1300

B) Rs. 1400

C) Rs. 1500

D) Rs. 1200

Answer: A) Rs. 1300

72. A fan is listed at Rs. 150 and a discount of 20% is given. Then the selling price is:

A) Rs. 120

B) Rs. 110

C) Rs. 115

D) Rs. 125

Answer: A) Rs. 120

73. While selling to the retailer, a company allows 30% discount on the marked price of their products. If the retailer sells the products at the marked price, his profit % will be:

A) $42\frac{1}{7}\%$

B) 30%

C) 40%

D) $33\frac{1}{3}\%$

Answer: A) $42\frac{1}{7}\%$

74. A bookseller sold 500 copies of a book at a profit of 20%. What is the profit made if the cost per book is Rs. 250?

A) Rs. 25,000

B) Rs. 20,000

C) Rs. 30,000

D) Rs. 35,000

Answer: A) Rs. 25,000

75. Raman purchased 10 watches for Rs. 5800 and sold them for Rs. 6510. What is the profit or loss percentage?

A) 12% profit

B) 10% profit

C) 11% profit

D) 13% profit

Answer: A) 12% profit

76. The selling price of 40 articles is equal to the cost price of 50 articles. Calculate the gain or loss percentage.

A) 20% loss

B) 25% loss

C) 33.33% loss

D) 22% loss

Answer: B) 20% loss

77. If the cost price of 20 books is equal to the selling price of 25 books, then the loss percentage is:

A) 20%

B) 25%

C) 22%

D) 24%

Answer: A) 20%

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

A) Rs. 200

B) Rs. 210

C) Rs. 220

D) Rs. 230

Answer: A) Rs. 200

79. Anil makes a profit of 18% on cost price by selling a washing machine for Rs. 5900. If the cost price of the machine is increased by 5% and he wants to earn the same profit, what will be the new profit percent on selling price?

A) 14.63%

B) 12.25%

C) 5.96%

D) 17.14%

Answer: A) 14.63%

80. Jai bought a pen for Rs. 70 and sold it for Rs. 63. What is the loss?

A) Rs. 7

B) Rs. 6

C) Rs. 8

D) Rs. 9

Answer: A) Rs. 7

81. By selling a refrigerator for Rs. 16,875, a profit of Rs. 1,875 is made. Then, the cost price of the refrigerator is:

A) Rs. 15,000

B) Rs. 16,000

C) Rs. 14,000

D) Rs. 14,500

Answer: A) Rs. 15,000

82. The cost price of a shirt which is sold for Rs. 150 at a loss of Rs. 100 is:

A) Rs. 250

B) Rs. 350

C) Rs. 450

D) Rs. 550

Answer: A) Rs. 250

83. If the cost price of 25 pens is the same as the selling price of 20 pens, then the profit percent is:

A) 25%

B) 20%

C) 15%

D) 5%

Answer: A) 25%

84. Arvind purchased a wristwatch with 30% discount on the labelled price. He sold it with 40% profit on the price he bought. What was his percent loss on the labelled price?

A) 5% loss

B) 6% profit

C) No loss no gain

D) 4% loss

Answer: A) 5% loss

85. On selling 17 balls at Rs. 720, there is a loss equal to the cost price of 5 balls. The cost price of a ball is:

A) Rs. 60

B) Rs. 50

C) Rs. 55

D) Rs. 45

Answer: A) Rs. 60

86. The ratio in which tea costing Rs. 192 per kg is to be mixed with tea costing Rs. 150 per kg so that the mixed tea, when sold for Rs. 194.40 per kg, gives a profit of 20% is:

- A) 2:5
- B) 3:5
- C) 5:3
- D) 5:2

Answer: A) 2:5

87. The percentage of profit when an article is sold for Rs. 78 is twice that when it is sold for Rs. 69. The cost price of the article is:

- A) Rs. 60
- B) Rs. 51
- C) Rs. 57
- D) Rs. 49

Answer: A) Rs. 60

88. Two bicycles were sold for Rs. 3990 each, gaining 5% on one and losing 5% on the other. The gain or loss percent on the whole transaction is:

- A) 0.125% loss
- B) 0.125% gain
- C) No gain no loss
- D) 0.25% loss

Answer: A) 0.125% loss

89. A can do a job in 20 days; B in 25 days and C in 30 days. They started the work together, but C left after 10 days of start. How many days will it take to finish the work?

- A) 15 days
- B) 18 days
- C) 20 days
- D) 22 days

Answer: B) 18 days

90. A man buys a horse for Rs. 540 and sells it at a profit of 35%. At what price did he sell the horse?

A) Rs. 729

B) Rs. 730

C) Rs. 750

D) Rs. 700

Answer: A) Rs. 729

91. A man was cheated by a false balance which weighs 900 gm instead of 1 kg. Find his profit percent?

A) 11.11%

B) 12%

C) 15%

D) 10%

Answer: A) 11.11%

92. A man sells two watches for Rs. 2700 each. On one, he loses 15% and on the other, he gains 15%. Find his overall profit or loss.

A) Loss of Rs. 108

B) Gain of Rs. 108

C) No profit no loss

D) Loss of Rs. 110

Answer: A) Loss of Rs. 108

93. A man wants to gain 25% by selling an article. What should be the cost price if the selling price is Rs. 900?

A) Rs. 720

B) Rs. 730

C) Rs. 740

D) Rs. 750

Answer: A) Rs. 720

94. If a seller allows 20% discount on the marked price and still gains 25%, find the markup on cost price.

- A) 56.25%
- B) 55%
- C) 60%
- D) 50%

Answer: A) 56.25%

95. The cost price of 10 books is equal to the selling price of 8 books. Find the profit percentage.

- A) 25%
- B) 20%
- C) 22%
- D) 18%

Answer: A) 25%

96. The selling price of an article is Rs. 84. If there is 20% loss, find the cost price?

- A) Rs. 105
- B) Rs. 110
- C) Rs. 112
- D) Rs. 115

Answer: A) Rs. 105

97. A person sold an article for Rs. 11,000 and had a profit of 10%. Find the cost price?

- A) Rs. 10,000
- B) Rs. 10,500
- C) Rs. 9,000
- D) Rs. 9,500

Answer: A) Rs. 10,000

98. The selling price of an item is Rs. 740 and it was sold at a loss of 7%. What was its cost price?

A) Rs. 795

B) Rs. 793

C) Rs. 788

D) Rs. 782

Answer: A) Rs. 795

99. A person purchased an article and sold it at an 8% loss for Rs. 460. What was the cost price?

A) Rs. 500

B) Rs. 520

C) Rs. 540

D) Rs. 550

Answer: A) Rs. 500

100. A trader sold an article at a 12% profit for Rs. 896. Find the cost price of the article.

A) Rs. 800

B) Rs. 820

C) Rs. 840

D) Rs. 860

Answer: A) Rs. 800