## PG-DAC FEB 25 APTITUDE QUESTION BANK Topic: Profit & Loss , Percentage

1. If an article is sold at a loss of 25%, and the selling price is ₹450, find the cost price.  a) ₹500 b) ₹550 c) ₹600 d) ₹650 Ans:
<ul> <li>2. A person bought an item for ₹1200 and sold it for ₹1440. What is the profit percentage?</li> <li>a) 10%</li> <li>b) 15%</li> <li>c) 20%</li> <li>d) 25%</li> </ul>
<ul> <li>3. If the selling price of an item is ₹960 and the cost price is ₹800, what is the profit percentage?</li> <li>a) 15%</li> <li>b) 20%</li> <li>c) 25%</li> <li>d) 30%</li> </ul>
<ul> <li>4. A shopkeeper sells a fan at ₹1200 with a loss of 20%. Find the cost price.</li> <li>a) ₹1400</li> <li>b) ₹1500</li> <li>c) ₹1600</li> <li>d) ₹1700</li> </ul>
5. If the cost price of an article is ₹400 and it is sold for ₹480, what is the profit percentage?  a) 15% b) 20% c) 25% d) 30%
<ul> <li>6. A trader gives two successive discounts of 20% and 10%. Find the net discount percentage.</li> <li>a) 28%</li> <li>b) 30%</li> <li>c) 32%</li> <li>d) 36%</li> </ul>
<ul> <li>7. A man sold a shirt for ₹800 after giving a 20% discount. Find the marked price.</li> <li>a) ₹900</li> <li>b) ₹1000</li> <li>c) ₹1100</li> </ul>

d) ₹1200
8. A watch is sold for ₹1800 with a 25% profit. Find the cost price. a) ₹1200 b) ₹1300 c) ₹1400 d) ₹1500 Ans:1440
9. A shopkeeper marks an article at ₹1500 and allows a 10% discount. Find the selling price. a) ₹1300 b) ₹1350 c) ₹1400 d) ₹1450
10. A merchant buys 10 pens for ₹150 and sells them for ₹200. What is his profit percentage? a) 25% b) 30% c) 33.33% d) 40%
<ul> <li>11. A trader gives a 15% discount on an item and still makes a profit of 20%. What is the markup percentage?</li> <li>a) 30%</li> <li>b) 35%</li> <li>c) 40% ~41.18%</li> <li>d) 45%</li> </ul>
12. A table is sold for ₹2250 at a 10% profit. What is the cost price? a) ₹1800 b) ₹1900 c) ₹2000 d) ₹2100 Ans:2045
13. If a shopkeeper wants a profit of 25% on an item that costs ₹800, what should be the selling price? a) ₹900 b) ₹1000 c) ₹1050 d) ₹1100
14. A refrigerator is sold for ₹15,000 at a loss of 10%. Find the cost price.  a) ₹16,500 b) ₹17,000 c) ₹16,000 d) ₹16,800

<ul> <li>15. An article is marked 50% above the cost price and then sold at a discount of 20%. What is the profit percentage?</li> <li>a) 20%</li> <li>b) 25%</li> <li>c) 30%</li> <li>d) 35%</li> </ul>
<ul> <li>16. A dealer makes a profit of 12% after allowing a 5% discount. Find the marked price of an article whose cost price is ₹400.</li> <li>a) ₹500</li> <li>b) ₹510</li> <li>c) ₹520</li> <li>d) ₹530</li> <li>Ans:471.58</li> </ul>
17. A book is bought for ₹480 and sold for ₹576. What is the profit percentage? a) 15% b) 18% c) 20% d) 25%
<ul> <li>18. If a profit of ₹50 is made on an article whose cost price is ₹500, what is the profit percentage?</li> <li>a) 8%</li> <li>b) 9%</li> <li>c) 10%</li> <li>d) 12%</li> </ul>
19. A shopkeeper sells a cycle at a 15% profit and the selling price is ₹2300. Find the cost price. a) ₹1900 b) ₹2000 c) ₹2100 d) ₹2200
20. The cost price of an article is ₹750 and it is sold at ₹900. What is the gain percentage? a) 15% b) 18% c) 20% d) 25%
21. A man sells an item at 20% loss. If the selling price is ₹640, find the cost price. a) ₹700 b) ₹750 c) ₹800 d) ₹850
22. A trader sells a mobile phone for ₹9600 at a profit of 20%. Find the cost price. a) ₹7500

b) ₹8000 c) ₹8200 d) ₹8500
23. A shopkeeper sells an item for ₹500 at a 20% profit. What was the cost price? a) ₹400 b) ₹410 c) ₹420 d) ₹430
<ul> <li>24. A man buys two articles for ₹1500 each. He sells one at a 20% profit and the other at a 10% loss. Find his net profit/loss.</li> <li>a) 5% loss</li> <li>b) 5% profit</li> <li>c) 10% profit</li> <li>d) No profit, no loss</li> </ul>
25. A trader sells an article at ₹1250 with a loss of 12%. Find the cost price. a) ₹1300 b) ₹1400 c) ₹1450 d) ₹1500
<ul> <li>26. Find the profit percent earned after selling an article at a doubled rate for half quantity.</li> <li>a) 200%</li> <li>b) 300%</li> <li>c) 400%</li> <li>d) 450%</li> </ul>
<ul> <li>27. A number is multiplied by 20% of itself, the sum is then doubled. If the final value is 490, find the number.</li> <li>a) 35</li> <li>b) 40</li> <li>c) 45</li> <li>d) 50</li> </ul>
<ul> <li>28. An article is sold at 20% less than its cost price. If the selling cost is 50 rupees and the selling cost is 5% of the selling price, find the loss. (Selling cost here is the expense occurred to sell the article, it is levied on the seller)</li> <li>a) 150 rupees</li> <li>b) 200 rupees</li> <li>c) 250 rupees</li> <li>d) 300 rupees</li> </ul>
29. If the seller sells half of his goods at 20% loss and the rest of his goods at 50% profit, find the profit

percentage on the entire transaction.

a) 12% profit

## c) 20% profit d) 25% profit 30. The expense of selling an article, worth rupees 6000, is 50 rupees. If the selling expenses is 10% more than the loss, find the loss percentage. a) 7.5% b) 8.33% c) 9.09% d) 10% 31. The profit on selling 1 article is equal to the cost price of 2 such articles. Find the profit percentage. a) 100% b) 150% c) 200% d) 225% 32. The initial price of an article is decreased by 20% but the selling price remains constant. If the initial profit was 500 rupees, find the new profit. It is known the initial profit percent was 20% of cost price a) 800 rupees b) 900 rupees c) 1000 rupees d) 1250 rupees 33. The price of a pair of slippers is decreased by 10% and the selling price is constant. If the initial profit percentage was equal to 25%, find the new profit percentage.

34. The cost price of an article is doubled, and the selling price is made half. If the initial profit percentage was 500%, find the profit percentage now.

a) 25%

a) 35%b) 38.8%c) 40%d) 42%

b) 15% profit

b) 50%

c) 100%

d) 250%

35. A shopkeeper increases the price of sugar by 25%. By how much a family should decrease their consumption to maintain the regular price?

- a) 25% increase
- b) 25% decrease
- c) 20% increase
- d) 20% decrease

36. The profit on selling 15 articles is equal to the cost price of 2 articles. Find the profit percentage. a) 11.11% b) 12.22% c) 13.33% d) 14.44%
37. 40% of a number a is 50% of a number b, find the value of a: b. a) 2: 3 b) 1: 4 c) 1: 5 d) 3: 5 Ans: 5:4
38. The marked price of an article is 5 times the discount. Find the selling price in terms of discount. a) 2.5 times the discount b) 3.5 times the discount c) 4 times the discount d) 5 times the discount
39. Solve for x; x = 20% of 12% of 120% of 6250. a) 270 b) 225 c) 200 d) 180
<ul> <li>40. A shopkeeper purchased an article for 500 rupees. At what price should he mark the article to allow a discount of 35% and still earn 100% profit.</li> <li>a) 1539 rupees</li> <li>b) 1593 rupees</li> <li>c) 1555 rupees</li> <li>d) 1599 rupees</li> </ul>
41. A is 25% more than b. By what percent is b smaller than a? a) 13.33% b) 20% c) 22% d) 30%
<ul> <li>42. If the discount is twice the cost price and the marked price is 10000, find the selling price. No profit or loss was made.</li> <li>a) 1111.11 rupees</li> <li>b) 3333.33 rupees</li> <li>c) 5555.55 rupees</li> <li>d) 7777.77 rupees</li> </ul>

43. The cost price of an article is 30% less than the selling price. The discount is 40% of the selling price.

If the marked price is 12600 rupees, find the cost price.

a) 6300 rupees b) 10000 rupees c) 8400 rupees d) 5600 rupees
44. If 33.33% of a number is 20 more than 16.66% of the number, find 120% of the number. a) 121 b) 139 c) 144 d) 169
45. Find the number if, 20% of a number is 20 more than 20% of another number 20. a) 100 b) 110 c) 120 d) 125
<ul> <li>46. A number if doubled, then tripled and this process is repeated twice. What is the percentage change?</li> <li>a) 3500%</li> <li>b) 3000%</li> <li>c) 2500%</li> <li>d) 1750%</li> </ul>
47. By how much should 234 be reduced to make it 65% of itself? a) 80.9 b) 81.9 c) 82.9 d) 83.9
48. What is 90% of 900% of 9000% of 9? a) 7290 b) 729 c) 6156 d) 6561
<ul> <li>49. Out of 25 employees of a company, 13 are set of and the salaries of rest of the employees is increased by 24%. Find the total increase of decrease in company's expenditure.</li> <li>a) 40.48% decreased</li> <li>b) 40.44% increased</li> <li>c) 44.48% decreased</li> <li>d) 44.84% increased</li> </ul>
<ul> <li>50. Zayn bought tickets to concert for Rs. 3500. He wants to sell them at a discount of 15%. What is the discount in Rs.?</li> <li>a) Rs.1525</li> <li>b) Rs.350</li> <li>c) Rs.525</li> </ul>

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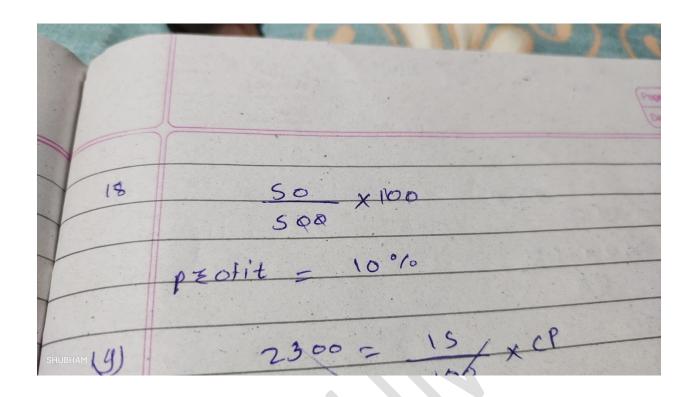
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