**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 **Righ**t

d) ₹650

2.A person bought an item for ₹1200 and sold it for ₹1440. What is the profit percentage?

a) 10%

b) 15%

c) 20% **Right**

d) 25%

3.If the selling price of an item is ₹960 and the cost price is ₹800, what is the profit percentage?

a) 15%

b) 20% **Right**

c) 25%

d) 30%

4 A shopkeeper sells a fan at ₹1200 with a loss of 20%. Find the cost price.

a) ₹1400

b) ₹1500 **Right**

c) ₹1600

d) ₹1700

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%  **Right**

c) 25%

d) 30%

6.A trader gives two successive discounts of 20% and 10%. Find the net discount percentage.

a) 28% **Right**

b) 30%

c) 32%

d) 36%

7.A man sold a shirt for ₹800 after giving a 20% discount. Find the marked price.

a) ₹900

b) ₹1000 **Right**

c) ₹1100

d) ₹1200

**8**.A watch is sold for ₹1800 with a 25% profit. Find the cost price.

a) ₹1200

b) ₹1300

c) ₹1440 **Right**

d) ₹1500

**9**.A shopkeeper marks an article at ₹1500 and allows a 10% discount. Find the selling price.

a) ₹1300

b) ₹1350 **Right**

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%**Right**

d) 40%

**11**.A trader gives a 15% discount on an item and still makes a profit of 20%. What is the markup percentage?

a) 30%

b) 35%

c) 40% **Right**

d) 45%

**12**.A table is sold for ₹2250 at a 10% profit. What is the cost price?

a) ₹1800

b) ₹1900

c) ₹2000  **2045 Right**

d) ₹2100

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 **Right**

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  **16666.67 Right**

15.An article is marked 50% above the cost price and then sold at a discount of 20%. What is the profit percentage?

a) 20% **Right**

b) 25%

c) 30%

d) 35%

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.

a) ₹500

b) ₹510

c) ₹520

d) ₹530

**E) 471 Right**

17.A book is bought for ₹480 and sold for ₹576. What is the profit percentage?

a) 15%

b) 18%

c) 20% **Right**

d) 25%

18.If a profit of ₹50 is made on an article whose cost price is ₹500, what is the profit percentage?

a) 8%

b) 9%

c) 10%  **Right**

d) 12%

19.A shopkeeper sells a cycle at a 15% profit and the selling price is ₹2300. Find the cost price.

a) ₹1900

b) ₹2000 **Right**

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% **Right**

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 **Right**

d) ₹850

22.A trader sells a mobile phone for ₹9600 at a profit of 20%. Find the cost price.

a) ₹7500

b) ₹8000 **Right**

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 **Right-- 416**

d) ₹430

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.

a) 5% loss

b) 5% profit **Right**

c) 10% profit

d) No profit, no loss

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

**E)1420.45 Right**

26.Find the profit percent earned after selling an article at a doubled rate for half quantity.

a) 200%

b) 300% **Right**

c) 400%

d) 450%

27.A number is multiplied by 20% of itself, the sum is then doubled. If the final value is 490, find the number.

a) 35 **Right**

b) 40

c) 45

d) 50

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)

a) 150 rupees

b) 200 rupees **Right**

c) 250 rupees

d) 300 rupees

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

b) 15% profit **Right**

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% **Rigth**

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% **Righ**t

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 **Rigth**

d) 1250 rupees

34.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.

a) 35%

b) 38.8% **Right**

c) 40%

d) 42%

35.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%

b) 50% **Right**

c) 100%

d) 250%

36.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 **Rigth**

d) 20% decrease

37. 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% **Rigtht**

d) 14.44%

38. 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

**Right 5:4**

39.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 **Right**

d) 5 times the discount

40. Solve for x; x = 20% of 12% of 120% of 6250.

a) 270

b) 225

c) 200

d) 180 **Right**

41.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.

a) 1539 rupees **Right**

b) 1593 rupees

c) 1555 rupees

d) 1599 rupees

42. A is 25% more than b. By what percent is b smaller than a?

a) 13.33%

b) 20% **Right**

c) 22%

d) 30%

43.If the discount is twice the cost price and the marked price is 10000, find the selling price. No profit or loss was made.

a) 1111.11 rupees

b) 3333.33 rupees **Right**

c) 5555.55 rupees

d) 7777.77 rupees

44.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 **Right**

b) 10000 rupees

c) 8400 rupees

d) 5600 rupees

45. 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 **Right**

d) 169

46.Find the number if, 20% of a number is 20 more than 20% of another number 20.

a) 100

b) 110

c) 120 **Right**

d) 125

47.A number if doubled, then tripled and this process is repeated twice. What is the percentage change?

a) 3500%

b) 3000% **Right**

c) 2500%

d) 1750%

48.By how much should 234 be reduced to make it 65% of itself?

a) 80.9

b) 81.9 **Rigth**

c) 82.9

d) 83.9

49.What is 90% of 900% of 9000% of 9?

a) 7290

b) 729

c) 6156

d) 6561 **Right**

50. 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.

a) 40.48% decreased

b) 40.44% increased

c) 44.48% decreased **Rigth**

d) 44.84% increased

51.Zayn bought tickets to concert for Rs. 3500. He wants to sell them at a discount of 15%. What is the discount in Rs.?

a) Rs.1525

b) Rs.350

c) Rs.525 **Rigth**

d) Rs.1050