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

I.	If an ar	ticle 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
2.	A perso	on bought an item for ₹1200 and sold it for ₹1440. What is the profit percentage?
	a)	10%
	b)	15%
	c)	20%
	d)	25%
3.	If the s	elling price of an item is ₹960 and the cost price is ₹800, what is the profit percentage
	a)	15%
	b)	20%
	c)	25%
	d)	30%
4.	A shop	keeper sells a fan at ₹1200 with a loss of 20%. Find the cost price.
	a)	₹1400
	(b)	₹1500
	c)	₹1600
	d)	₹1700
5.	If the c	ost 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%

6.	A trade	er gives two successive discounts of 20% and 10%. Find the net discount percentage.
	a)	28%
	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
	c)	₹1100
	d)	₹1200
8.		th is sold for ₹1800 with a 25% profit. Find the cost price.
	a)	₹1200
	b)	₹1300
	c)	₹1400
	d)	₹1500
	e)	₹1440
9.	A shop	keeper marks an article at ₹1500 and allows a 10% discount. Find the selling price.
	a)	₹1300
	b)	₹1350
	c)	₹1400
	d)	₹1450
10.	A mero	chant buys 10 pens for ₹150 and sells them for ₹200. What is his profit percentage?
	a)	25%
	b)	30%
	c)	33.33%
	d)	40%
11.	A trade	er gives a 15% discount on an item and still makes a profit of 20%. What is the markup tage?
	a)	30%
	b)	35%

	40% (41.18%)	
	45%	
12. A ta	e is sold for ₹2250 at a 10% profit. What is the cost price?	
	₹1800	
	₹1900	
	₹2000 (₹2045.4)	
	₹2100	
13. If a	opkeeper wants a profit of 25% on an item that costs ₹800, what should be the selling	
	₹900	
	₹1000	
	₹1050	
	₹1100	
14. A r	gerator is sold for ₹15,000 at a loss of 10%. Find the cost price.	
	₹16,500 (₹16,667)	
	₹17,000	
	₹16,000	
	₹16,800	
	icle is marked 50% above the cost price and then sold at a discount of 20%. What is the percentage?	
	20%	
	25%	
	30%	
	35%	
16 A d	or makes a profit of 120% ofter allowing a 50% discount. Find the marked price of an article	ما
	er makes a profit of 12% after allowing a 5% discount. Find the marked price of an article cost price is ₹400.	e
	₹500 (₹471.57)	
	₹510	
	₹520	
	₹530	

17 A bool	ris harvalit for 7100 and sold for 7576. What is the most transcortage?
	x is bought for ₹480 and sold for ₹576. What is the profit percentage?
a)	15%
b)	18%
c)	20%
d)	25%
18. If a pro	ofit of ₹50 is made on an article whose cost price is ₹500, what is the profit percentage?
a)	8%
b)	9%
c)	10%
d)	12%
19. A shop	keeper 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 co	st price of an article is ₹750 and it is sold at ₹900. What is the gain percentage?
	st price of an article is ₹750 and it is sold at ₹900. What is the gain percentage?
a)	15%
a) b)	15% 18%
a) b) c)	15% 18% 20%
a) b)	15% 18%
a) b) c) d)	15% 18% 20%
a) b) c) d) 21. A man	15% 18% 20% 25%
a) b) c) d) 21. A man	15% 18% 20% 25% sells an item at 20% loss. If the selling price is ₹640, find the cost price.
a) b) c) d) 21. A man a)	15% 18% 20% 25% sells an item at 20% loss. If the selling price is ₹640, find the cost price. ₹700
a) b) c) d) 21. A man a) b)	15% 18% 20% 25% sells an item at 20% loss. If the selling price is ₹640, find the cost price. ₹700 ₹750
a) b) c) d) 21. A man a) b) c) d)	15% 18% 20% 25% sells an item at 20% loss. If the selling price is ₹640, find the cost price. ₹700 ₹750 ₹800
a) b) c) d) 21. A man a) b) c) d)	15% 18% 20% 25% sells an item at 20% loss. If the selling price is ₹640, find the cost price. ₹700 ₹750 ₹800 ₹850
a) b) c) d) 21. A man a) b) c) d) 22. A trade	15% 18% 20% 25% sells an item at 20% loss. If the selling price is ₹640, find the cost price. ₹700 ₹750 ₹800 ₹850 er sells a mobile phone for ₹9600 at a profit of 20%. Find the cost price.
a) b) c) d) 21. A man a) b) c) d) 22. A trade a)	15% 18% 20% 25% sells an item at 20% loss. If the selling price is ₹640, find the cost price. ₹700 ₹750 ₹800 er sells a mobile phone for ₹9600 at a profit of 20%. Find the cost price. ₹7500

23. A shopkeeper sells an item for ₹500 at a 20% profit. What was the cost price?	
a)	₹400
b)	₹410
c)	₹420 (₹416.67)
d)	₹430
24. A man buys two articles for ₹1500 each. He sells one at a 20% profit and the other at a 10% Find his net profit/loss.	
a)	5% loss
b)	5% profit
c)	10% profit
d)	No profit, no loss
25. A trade	er sells an article at ₹1250 with a loss of 12%. Find the cost price.
a)	₹1300
b)	₹1400 (₹1420.45)
c)	₹1450
d)	₹1500
26. Find th	e profit percent earned after selling an article at a doubled rate for half quantity.
a)	200%
b)	300%
c)	400%
d)	450%
27. A num	ber is multiplied by 20% of itself, the sum is then doubled. If the final value is 490, find
the nur	nber.
a)	35
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
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
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 pri	ice of a pair of slippers is decreased by 10% and the selling price is constant. If the initial
	percentage was equal to 25%, find the new profit percentage.
a)	35%
b)	38.8%
c)	40%
d)	42%
	st price of an article is doubled, and the selling price is made half. If the initial profit tage was 500%, find the profit percentage now.
a)	25%
b)	50%
c)	100%
d)	250%
	keeper increases the price of sugar by 25%. By how much a family should decrease their aption to maintain the regular price?
a)	25% increase
b)	25% decrease
c)	20% increase
d)	20% decrease
36. The pro	ofit 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%
	f 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
e)	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
20 0 1 (2007 51207 51207 57250
	For x; x = 20% of 12% of 120% of 6250.
a)	270
b)	225
c)	200
d)	180
	keeper purchased an article for 500 rupees. At what price should he mark the article to a discount of 35% and still earn 100% profit.
a)	1539 rupees
b)	1593 rupees
c)	1555 rupees
d)	1599 rupees
41. A is 25	% more than b. By what percent is b smaller than a?
a)	13.33%
b)	20%
c)	22%
d)	30%
	discount is twice the cost price and the marked price is 10000, find the selling price. No or loss was made. 1111.11 rupees
b)	3333.33 rupees
c)	5555.55 rupees
d)	7777.77 rupees

	st price of an article is 30% less than the selling price. The discount is 40% of the selling f 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	3% 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 th	e number if, 20% of a number is 20 more than 20% of another number 20.
a)	100
b)	110
c)	120
d)	125
46. A num change	ber if doubled, then tripled and this process is repeated twice. What is the percentage ?
a)	3500%
b)	3000%
c)	2500%
d)	1750%
47 Pychov	w much should 224 be reduced to make it 65% of itself?
	w much should 234 be reduced to make it 65% of itself? 80.9
a)	81.9
b)	
c)	82.9
d)	83.9
48. What is	s 90% of 900% of 9000% of 9?
a)	7290
b)	729

- c) 6156
- d) 6561
- 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.
 - a) 40.48% decreased
 - b) 40.44% increased
 - c) 44.48% decreased
 - d) 44.84% increased
- 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.?
 - a) Rs.1525
 - b) Rs.350
 - c) Rs.525
 - d) Rs.1050

Answers:

• Answers with their explanations are attached further down:































