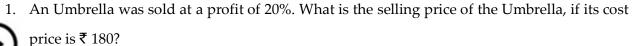


## **Profit and Loss**

#### Model 1: Basic Profit/Loss



- 1) ₹ 216
- 2) ₹ 200
- 3) ₹ 160
- 4) ₹ 36
- 5) None of these
- 2. A person sold an article for ₹ 20 and earned a profit of 25%. What is the cost price of the article?
  - 1) ₹ 16
- 2) ₹ 14
- 3) ₹ 12
- 4) ₹ 18
- 5) None of these
- 3. An article was sold for ₹ 13,000 at a loss of 35%. What is the cost price of the article?



- 1) ₹ 16,000
- 2) ₹ 13,700
- 3) ₹ 15,000
- 4) ₹ 20,000
- 5) None of these
- 4. Harshad bought 15 DVD players at ₹ 4,500 each and sold all of them at the total price of ₹81,000. What is the percent profit earned in the deal?
  - 1) 16
- 2) 20
- 3) 25
- 4) 20.5
- 5) None of these
- 5. A shopkeeper sells 200 m of cloth for ₹ 9,000 at a profit of ₹ 5 per m. What is the cost price of 1 m of cloth?
  - 1) ₹ 45
- 2) ₹ 40
- 3) ₹ 35
- 4) ₹ 30
- 5) None of these
- 6. Naresh purchased a TV set for ₹ 11,250 after getting a discount of 10% on the labeled price. He spent ₹ 150 on transport and ₹ 800 on installation. At what price should it be sold so that the profit earned would be 15%?
  - 1) ₹ 12,937.50
- 2) ₹ 14,030
- 3) ₹ 13,450
- 4) ₹ 15,467.50 5) None of these



- 7. Manoj sold an article for ₹ 15,000. Had he offered a discount of 10% on the selling price, he would have earned a profit of 8%? What is the cost price?
  - 1) ₹ 12,500
- 2) ₹ 13,500
- 3) ₹ 12,250
- 4) ₹ 13,250
- 5) None of these
- 8. If Ramu buys books at 11 books for ₹ 10 and sells at 10 books for ₹ 12, then what will be his gain percent?
  - 1) 11%
- 2) 22%
- 3) 32%
- 4) 15%
- 5) None of these

# Model 2: SP/CP with Respect to Two Different Profit/Loss Percentages

- 9. A watch was sold at a loss of 9%. It was observed that if the selling price was ₹ 420 more, the profit made would have been 5%. What is the actual selling price of the watch?
  - 1) ₹ 2700
- 2) ₹ 2730
- 3) ₹ 3270
- 4) ₹ 3000
- 5) None of these
- 10. After selling a book, Rohan found that he had made a loss of 12%. He also found that had he sold it for ₹ 36 more, he would have made a profit of 6%. What was the initial loss?
  - 1) ₹ 12

2) ₹ 18

3) ₹ 20

4) Data inadequate

- 5) None of these
- 11. Praveen sold an article for ₹ 1170 at a profit of 30%. What should be the selling price if the desired profit is 40%?



- 1) ₹ 1330
- 2) ₹ 990
- 3) ₹ 1287
- 4) ₹ 1260
- 5) None of these
- 12. Sameer sold an article ₹ 460 and earned a profit of 15%. At what price should it have been sold so as to earn a profit of 20%?
  - 1) ₹ 465
- 2) ₹ 480
- 3) ₹ 498
- 4) ₹ 485
- 5) None of these



## Model 3: CP Based on Profit and Loss Relationship

13. The profit earned by selling a phone for ₹ 18,000 is the same as the loss incurred by selling it for ₹ 16,800. What is the cost price of the phone?



- 1) ₹ 17,400
- 2) ₹ 17,000
- 3) ₹ 17,500
- 4) ₹ 17,600
- 5) None of these

14. The profit earned by selling an article for ₹ 625 is the same as the loss incurred by selling the article for ₹ 435. What is the cost price of the article?

- 1) ₹ 530
- 2) ₹ 520
- 3) ₹ 540
- 4) ₹ 550
- 5) None of these

15. The profit earned by selling an article for ₹ 536 is the same as the loss incurred after the article for ₹ 426. What is the cost price of the article?

- 1) ₹ 448
- 2) ₹ 470
- 3) ₹ 481
- 4) ₹ 500
- 5) None of these

16. The profit earned by selling a shirt for ₹ 1200 is twice the loss incurred when the shirt is sold for ₹ 600. What is the cost price of the shirt?



- 1) ₹ 800
- 2) ₹ 1000
- 3) ₹ 900
- 4) ₹ 750
- 5) None of these

17. The profit earned by selling a wrist watch for ₹ 5800 is twice the loss incurred after selling the wrist watch for ₹ 4300. What is the cost price of the wrist watch?

- 1) ₹ 5300
- 2) ₹ 5100
- 3) ₹ 4900
- 4) ₹ 4800
- 5) None of these

18. The profit earned by selling an article for ₹ 4080 is half the loss incurred after selling the same article for ₹ 3660. What is the cost price of the article?

- 1) ₹ 3785
- 2) ₹ 3800
- 3) ₹ 3775
- 4) ₹ 3940
- 5) None of these



## Model 4: Profit/Loss Percentage Based on Quantity Sold

19. Sridhar sold 16 pens at the cost of 20 pens. What is the profit or loss percentage made by him?

- 1) 4% profit
- 2) 4% loss
- 3) 25% profit 4) 25% loss
- 5) Cannot be determined
- 20. Prem sold 10 pens at the cost of 12 similar pens. What % profit or loss does he make in this transaction?
  - 1) 20% profit

- 2) 25% profit
- 3) 16.66% loss

4) 20% loss

- 5) None of these
- 21. Aniruddh sold 21 books at the cost price of 18 books. Find the percentage profit or loss in this transaction?
  - 1) 14.28% profit

- 2) 14.28% loss
- 3) 16.66% profit

4) 16.66% loss

- 5) None of these
- 22. Ajit sold 20 apples at the cost price of 16 apples. What profit/loss does he make?
  - 1) ₹ 10

- 2) Cannot be determined
- 3) ₹ 5

4) ₹ 6

5) None of these

# Model 5: Overall Profit/Loss Percentage When S1 = S2 and %P = %L

- 23. A shopkeeper bought two ceiling fans for ₹800 each. He sold one fan at a profit of 12% and the other at a loss of 12%. What would be his overall profit or loss in the transaction?
  - 1) No Profit No loss

- 2) Loss 1.44%
- 3) Profit 1.44%

4) Loss 4%

5) None of these



24.	a. A person bought two articles for the same price and sold them at a profit of 10% on one and							
	a loss of 10% on the other. What is the overall profit or loss % made by him?							
	1) 1% Loss			2) 1% Profit		3) Profit 4%		
	4) No Profit No lo	ess	,	5) None of these				
25.	A person sold two	o articles for ₹	• 1200 eac	h; he made a prof	it of 20% a	and a loss of 20%	on the	
other. What will be the overall profit or loss in percentage?								
–	1) No Profit No lo	ess		2) Cannot be deter	rmined	3) Profit 4%		
	4) Loss 4%		,	5) None of these				
26.	6. If a person sold two articles at the same price and realized 10% profit on one and 10% loss							
	on the other article	e. What net p	rofit/loss (	% does he make?				
	1) No Profit No lo	ess		2) Loss 1%		3) Profit 1%		
	4) Loss 10%		,	5) None of these				
Mc	odel 6: Effective	Percentage	Problen	n				
27.	A sold an article t	o B at a profi	t of 20% a	nd B sold the sam	ne article to	o C at a profit of :	10%. If	
7	C bought it for ₹ 2	-				•		
	1) ₹ 2000	2) ₹ 1500	3) ₹ 160	-	5) No:	ne of these		
	,	,	,	,	,			
28.	Prathik sold a mu	ısic system to	Karthik a	at 20% gain and I	Karthik sol	d it to Swasthik	at 40%	
	gain. If Swasthik	paid ₹ 10,500	for the m	nusic system, wha	it amount	did Prathik pay	for the	
	same?	-		·				
	1) ₹ 8,240			2) ₹ 7,500 3) ₹ 6,250				
	4) Cannot be deter	rmined	,	5) None of these				



29. Prakash sold an article to Prem at 10% profit. Prem sold the same to Raj at 10% loss. If Prakash bought the article at ₹ 2000, at what price did Raj buy the same?

- 1) ₹ 2,000
- 2) ₹ 1,980
- 3) ₹ 2,500
- 4) ₹ 1,800
- 5) None of these

#### **Model 7: Dishonest Dealer Problem**

30. A dishonest dealer claims to sell his goods at the cost price but uses a weight of 800 gm instead of 1 kg. What will be the profit percentage in this transaction?

- 1) 15%
- 2) 20%
- 3) 25%
- 4) 32%
- 5) None of these

31. A milkman sells milk at the cost price but delivers only 1800 ml instead of 2 litrs. What will be the profit percentage made by the milkman?

- 1) 15%
- 2) 11.11%
- 3) 20%
- 4) 25%
- 5) None of these

#### **Model 8: Marked Price and Discount**

32. An article was sold for ₹ 480 after a discount of 20%. What is the marked price?



1) ₹ 400

2) ₹ 576

3) ₹ 600

- 4) Cannot be determined
- 5) None of these

33. If the selling price of ₹ 24 results in a 20% discount on the list price, then what selling price would result in a 30% discount on list price?

- 1) ₹ 21
- 2) ₹ 24
- 3) ₹ 18
- 4) ₹ 15
- 5) None of these

34. In a sale, a perfume is available at a discount of 15% on the selling price. If the perfume's discounted selling price is ₹ 3740, what was the original selling price of the perfume?

- 1) ₹ 4,324
- 2) ₹ 4,386
- 3) ₹ 4,400
- 4) ₹ 4,294
- 5) None of these



35. A shopkeeper marks his goods in such a way that even after allowing a discount of 20%, he makes a profit of 12%. How much percent above the cost price is the marked price?

- 1) 32%
- 2) 8%
- 3) 12%
- 4) 40%
- 5) None of theses

36. A shopkeeper marks his goods in such a way that after allowing a discount of 10%, he gains 17%. How much percent above C.P. is the marked price?

- 1) 50%
- 2) 30%
- 3) 27%
- 4) 7%
- 5) None of theses

37. At what price should a shopkeeper mark a radio that cost him ₹ 1200 in order that he may offer a discount of 20% on the marked price and still make a profit of 25%?

- 1) ₹ 1675
- 2) ₹ 1875
- 3) ₹ 1900
- 4) ₹ 2025
- 5) None of these

38. Sanjay bought a microwave oven and paid 10% less than the original price. He sold it with 30% profit on the price he had paid. What percentage of profit did Sanjay earn on the original price?

- 1) 17%
- 2) 20%
- 3) 27 %
- 4) 32%
- 5) None of these

#### **Answers**

1 - 1	2 - 1	3 - 4	4 - 2	5 - 2	6 - 2	7 - 1	8 - 3	9 - 2	10 - 5
11 - 4	12 - 2	13 - 1	14 - 1	15 - 3	16 - 1	17 - 4	18 - 4	19 - 3	20 - 1
21 - 2	22 - 2	23 - 1	24 - 4	25 - 4	26 - 2	27 - 1	28 - 3	29 - 2	30 - 3
31 - 2	32 - 3	33 - 1	34 - 3	35 - 4	36 - 2	37 - 2	38 - 1		

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# Additional Examples (English Only)

- A man bought oranges at the rate of 8 for ₹34 and sold them at the rate of 12 for ₹57. How many oranges should be sold to earn a net profit of ₹45?
  - a) 90
- b) 100
- c) 135
- d) 150
- 2. A man sells two articles for ₹ 5000 each neither losing nor gaining in the deal. If he sold one of them at a gain of 25%, the other article is sold at a loss of
  - a)  $15\frac{2}{3}\%$

- b)  $16\frac{2}{3}\%$  c)  $17\frac{1}{3}\%$  d)  $18\frac{1}{3}\%$
- 3. By selling an article for ₹ 144, a person gained such that the percentage gain equals the cost price of the article. The cost price of the article is
  - a) ₹ 90
- b) ₹ 80
- c) ₹ 75
- d) ₹ 60
- 4. By selling an article, a man makes a profit of 25% of its selling price. His profit per cent is
- a) 20
- b) 25
- c)  $16\frac{2}{3}$  d)  $33\frac{1}{3}$
- 5. Which of the following successive discounts is better to a customer
- a) 20%, 15%, 10% or
- b) 25%, 12%, 8%, ?
- a) a is better
- b) b is better c) a or b (both are same)
- d) None of these
- 6. The list price of an article is ₹ 160 and a customer buys it for ₹ 122.40 after two successive discounts. If the first discount is 10%, then second discount is -
- a) 12%
- b) 10%
- c) 14%
- d) 15%



7.	A dealer offered	a machine for	sale for ₹27,5	00 but even if he had charged 10% less, he
	would have made	e a profit of 10%	%. The actual co	ost of the machine is_
$\cup$	a) ₹22,000	b) ₹24,250	c) ₹22,500	d) ₹22,275
8.	A shopkeeper m	arks his good	20% above his	s cost price and gives 15% discount on the
	marked price. His	s gain per cent i	is –	
$\overline{}$	a) 5%	b) 4%	c) 2%	d) 1%
9.	•			d price. The gain percentage after allowing a
lacksquare	discount of 12% of	_		
	a) 37.5%	b) 48%	c) 50.5%	d) 52%
10	. A man bought a	n article listed	at ₹ 1500 with	a discount of 20% offered on the list price.
	C			e man to bring the net price to ₹ 1104?
$\mathbf{G}$	a) 8%	b) 10%	c) 12%	d) 15%
	,	,	,	,
11	. A man sold 20 ap	ples for ₹ 100 a	nd gained 20%	. How many apples did he but for ₹100?
	a) 20	b) 22	c) 24	d) 25
$\overline{}$				
12	•			1 kite extra, free of cost. In order to give a
		the number of	extra kites he s	should give in a sale of 27 kites to the nearest
	integer is			
	a) 3	b) 6	c) 7	d) 8
13	. A ruby stone was	s bought for ₹1	1600 at Iaipur.	A sum of ₹ 2400 was spent on making a ring
20	•	O	•	e at Bombay for ₹ 7800. If a discount of 10%
	was given, then t			2.2.2.2.2.3
	a) 55%	b) 68.5%	c) 75.5%	d) 80%
	uj 00 /0	2) 00.070	C) 70.070	4,0070



14.		•		arks it at 20% above the cost price. Find the earticle for ₹ 496.80.					
	a) 8%	b) 9%	c) 10%	d) 12%					
15.				at 15% profit, 40 cows at 19% profit and					
	remaining 16 cow cow is	rs at 25% profit	and got a prof	it of ₹ 6570 as a whole. The cost price of each					
	a) ₹ 450	b) ₹ 425	c) ₹ 420	d) ₹ 400					
16.	A man buys 3 co	ws and 8 goats	in ₹ 47,200. In	stead if he would have bought 8 cows and 3					
	goats, he had to p	oay ₹ 53,000 mo	re. Cost of one	cow is					
	a) ₹ 11,000	b) ₹ 12,000	c) ₹ 13,000	d) ₹ 10,000					
17.									
	two successive discounts at 5% each?								
	a) ₹ 72.2	b) ₹ 7.2	c) ₹ 85	d) ₹ 7.2					
18.	On selling an art	icle for ₹ 170, a	a shopkeeper lo	oses 15%. In order to gain 20%, he must sell					
	that article at rup	ees							
	a) 215.50	b) 212.50	c) 240	d) 210					
19.	The marked price	e of a product i	s ₹ 1600. The s	hopkeeper gives successive discounts of 10%					
	<ul> <li>a) ₹ 450 b) ₹ 425 c) ₹ 420 d) ₹ 400</li> <li>16. A man buys 3 cows and 8 goats in ₹ 47,200. Instead if he would have bought 8 cows and 3 goats, he had to pay ₹ 53,000 more. Cost of one cow is <ul> <li>a) ₹ 11,000 b) ₹ 12,000 c) ₹ 13,000 d) ₹ 10,000</li> </ul> </li> <li>17. A shopkeeper marks the price of an article at ₹ 80. What will be the selling price, if he allows two successive discounts at 5% each? <ul> <li>a) ₹ 72.2 b) ₹ 7.2 c) ₹ 85 d) ₹ 7.2</li> </ul> </li> <li>18. On selling an article for ₹ 170, a shopkeeper loses 15%. In order to gain 20%, he must sell that article at rupees</li> </ul>								
	a) 10%	b) 12%	c) 15%	d) 8%					
20.	A man makes a p	profit of 20% or	n the sale by se	elling 20 articles for ₹1. The number of article					
	he bought by ₹1:	is_							
	a) 20	b) 24	c) 25	d) 30					



21.	would have been								
	a) 16	b) 3	c) 5	d) 6					
22.	A dozen pairs of	socks quoted a	ıt₹180 are ava	ilable at discount of 20%. How many pairs of					
	socks can be boug	ght for ₹48?							
	a) 3 pairs	b) 4 pairs	c) 2 pairs	d) 5 pairs					
•			F 40 000 T/ I						
23.	3. The marked price of a table is ₹ 12,000. If it was sold for ₹ 10,500 after allowing a certain								
	discount, then the	e rate of discou	nt is						
	a) 17.5%	b) 10%	c) 12.5%	d) 15%					
24	The medical maior	( 1: 1:	:- ₹ 400 TL1-						
<i>2</i> <del>4</del> .	4. The marked price of a radio set is ₹ 480. The shopkeeper allows a discount of 10% and gains								
	8%. If no discount is allowed, his gain percent would be								
	a) 25%	b) 18%	c) 18.5%	d) 20%					
25	A tradesman sold	l an article at a	loss of 20%. If	the selling price had been increased by ₹ 100,					
20.	then would have been a gain of 5%. The cost price of the article (in ₹) was								
		G	-						
	a) 100	b) 200	c) 400	d) 500					
26.	The price of an a	rticle is first de	ecreased by 20%	% and then increased by 30%. If the resulting					
	price is ₹ 416, the								
	a) ₹ 350	b) ₹ 405	c) ₹ 400	d) ₹ 450					
27.	The total cost of	8 buckets and 5	5 mugs is ₹ 92	and the total cost of 5 buckets and 8 mugs is					
	₹ 77. Find the cos	t of 2 mugs and	l 3 buckets.						
	a) ₹ 35	b) ₹ 70	c) ₹ 30	d)₹38					



28.		cost of an apple is twice that of a banana and the cost of a banana is 25% less than that guava. If the cost of each type of fruit increases by 10%, then the percentage increase in of 4 bananas, 2 apples and 3 guavas is  b) 12% c) 16% d) 18%  sopkeeper allows 23% commission on his advertised price and still makes a profit of a first he gains ₹ 56 on one item, his advertised price of the item, in ₹, is  b) 780 c) 790 d) 800  single discount equal to three consecutive discounts of 10%, 12% and 15% is  5.27% b) 24.76% c) 9% d) 11%  e cost price of 10 articles is equal to the selling price of 8 articles, then gain per cent is  b) 8% c) 50% d) 25%  article is marked 40% above the cost price and a discount of 30% is allowed. What is the or loss percentage?							
	-								
29.	The cost of an app	ole is twice tha	t of a banana a	nd the cost of a banana is 25% less than that					
	of a guava. If the cost of each type of fruit increases by 10%, then the percentage increase in								
	cost of 4 bananas,	2 apples and 3	guavas is						
	a) 10%	b) 12%	c) 16%	d) 18%					
30.	0. A shopkeeper allows 23% commission on his advertised price and still makes a profit of								
	10%. If he gains ₹ 56 on one item, his advertised price of the item, in ₹, is								
	a) 820	b) 780	c) 790	d) 800					
31.	The single discour	nt equal to thre	e consecutive d	liscounts of 10%, 12% and 15% is					
	a) 26.27%	b) 24.76%	c) 9%	d) 11%					
32.	If the cost price of	10 articles is ed	qual to the selli	ng price of 8 articles, then gain per cent is					
	a) 10%	b) 8%	c) 50%	d) 25%					
33.	An article is mark	ed 40% above	the cost price a	nd a discount of 30% is allowed. What is the					
	gain or loss percer	ntage?							
	a) 10% gain	b) 5%gain	c) 2% loss	d) 12% gain					
34.	A shopkeeper all	ows a discour	nt of 10% to h	is customers and still gains 20%. Find the					
	marked price of the article which costs ₹ 450.								

c) ₹ 660

d) ₹ 580

b) ₹ 540

a) ₹ 600



- 35. What single discount is equivalent to two successive discounts of 20% and 15%?
  - a) 35%
- b) 32%
- c) 34%
- d) 30%
- 36. The cost price of an article is 40% of the selling price. What per cent of the cost price is the selling price?
  - a) 140%
- b) 200%
- c) 220%
- d) 250%
- 37. If the selling price of 10 articles is equal to the cost price of 11 articles, then the gain per cent is
  - a) 10
- b) 11
- c) 15
- d) 25
- 38. While selling a watch, a shopkeeper gives a discount of 5%. If he gives a discount of 6%, he earns ₹ 15 less as profit. What is the marked price of the watch?
  - a) ₹ 1,250
- b) ₹ 1,400
- c) ₹ 1,500
- d) ₹ 750
- 39. Krishna purchased a number of articles at ₹ 10 for each and the same number for ₹ 14 each. He mixed them together and sold them for ₹ 13 each. Then his gain or less per cent is
  - a) Loss  $8\frac{1}{3}\%$

- b) Gain  $8\frac{2}{3}$ % c) Loss  $8\frac{2}{3}$ % d) Gain  $8\frac{1}{3}$ %
- 40. A trader bought two horses for ₹ 19,500. He sold one at a loss of 20% and the other at a profit of 15%. If the selling price of each horse is the same, then their cost prices are respectively
  - a) ₹ 10,000 and ₹ 9,500

b) ₹ 11,500 and ₹ 8,000

c) ₹ 12,000 and ₹ 7,500

- d) ₹ 10,500 and ₹ 9,000
- 41. Marked price of an article is ₹ 275. Shopkeeper allows a discount of 5% and he gets a profit of 4.5%. The actual cost of the article is
  - a) 250
- b) 225
- c) 215
- d) 210



- 42. The difference between a discount of 40% on ₹ 500 and two successive discounts of 36%, 4% on the same amount is
  - a) ₹ 0
- b) ₹ 2
- c) ₹ 1.93
- d) ₹ 7.20
- 43. If the cost price of 15 articles is equal to the selling price of 12 articles, find gain %.
  - a) 20
- b) 25
- c) 18
- d) 21
- 44. A man purchased some eggs at 3 for ₹ 5 and sold them at 5 for ₹ 12. Thus he gained ₹ 143 in all. The number of eggs he bought is
  - a) 210
- b) 200
- c) 195
- d) 190
- 45. X sells two articles for ₹ 4,000 each with no loss and no gain in the interaction. If one was sold at a gain of 25% the other is sold at a loss of
  - a) 25%
- b)  $18\frac{2}{9}\%$  c)  $16\frac{2}{3}\%$
- d) 20%
- 46. 20% loss on selling price is what per cent loss on the cost price?
  - a) 25%
- b) 15%
- c)  $16\frac{2}{3}\%$
- d)  $16\frac{1}{2}\%$
- 47. The cost price of an article is ₹800. After allowing a discount of 10%, a gain of 12.5% was made. Then the marked price of the article is
  - a) ₹ 1,000
- b) ₹ 1,100
- c) ₹ 1,200
- d) ₹ 1,300
- 48. The selling price of 10 oranges is the cost price of 13 oranges. Then the profit percentage is
  - a) 30%
- b) 10%
- c) 13%
- d) 3%
- 49. The marked price of a radio is ₹ 480. The shopkeeper allows a discount of 10% and gains 8%. If no discount is allowed, his gain per cent would be
  - a) 18%
- b) 18.5%
- c) 20.5%
- d) 20%



- 50. A manufacturer marked an article at ₹ 50 and sold it allowing 20% discount. If his profit was 25%, then the cost price of the article was
  - a) ₹ 40
- b) ₹ 35
- c) ₹ 32
- d) ₹ 30
- 51. A shopkeeper earns a profit of 12% on selling a book at 10% discount on the printed price.

  The ratio of the cost price and the printed price of the book is
  - a) 45:56
- b) 45:51
- c) 47:56
- d) 47:51
- 52. By selling a bicycle of ₹ 2,850, shopkeeper gains 14%. If the profit is reduced to 8%, then the selling price will be
  - a) ₹ 2,600
- b) ₹ 2,700
- c) ₹ 2,800
- d) ₹ 3,000
- 53. A Fruit seller buys some oranges at the rate of 4 for ₹ 10. He sells the whole lot at 9 for ₹ 20. What is his loss or gain percent?
  - a) Loss percent  $1\frac{19}{81}$  %

b) Gain percent  $1\frac{19}{81}\%$ 

c) No loss or no Profit

- d) Loss percent 2%
- 54. A retailer purchased radio sets at the rate of ₹ 400 each from a wholesaler. He raised the price by 30% and then allowed a discount of 8% on each set. His profit will be
  - a) 19%
- b) 78.4%
- c) 22%
- d) 19.6%
- 55. The cost of manufacture of an article was ₹ 900. The trader wants to gain 25% after giving a discount of 10%. The marked price should be
  - a) ₹ 1000
- b) ₹ 1500
- c) ₹ 1250
- d) ₹ 1200
- 56. A grain dealer cheats to the extent of 10% while buying as well as selling by using false weights. His total Profit percentage is
  - a) 21
- b) 23
- c) 25
- d) 20



- 57. When the price of sugar decreases by 10%, a man could buy 1 kg more for ₹ 270. Then, the original price of sugar per kg is
  - a) ₹ 25
- b) ₹ 30
- c) ₹27
- d) ₹ 32
- 58. A person brought two bicycles for ₹ 1600 and sold the first at 10% profit and the second at 20% profit. If he sold the first at 20% profit and the second at 10% profit, he would get ₹ 5 more. The difference in the cost price of the two bicycles was
  - a) ₹ 25
- b) ₹ 75
- c) ₹ 50
- d) ₹ 40

## **Answers**

1 – a	2 - b	3 - b	4 - d	5 - b	6 - d	7 - c	8 - c	9 - a	10 - a
11 - с	12 - a	13 - с	14 - a	15 - a	16 - b	17 - a	18 - с	19 - с	20 - b
21 - d	22 - b	23 - с	24 – d	25 - c	26 - c	27 - a	28 - a	29 - a	30 – d
31 - b	32 - d	33 - с	34 - a	35 - b	36 - d	37 - a	38 - c	39 - d	40 - b
41 - a	42 - d	43 - b	44 - c	45 - c	46 - c	47 - a	48 - a	49 - d	50 – c
51 - a	52 - b	53 - a	54 - d	55 - c	56 - a	57 - b	58 - c		

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