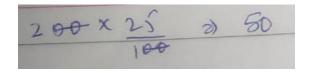
## **Assignment 1**

Topic : Percentage & Profit & Loss question Bank

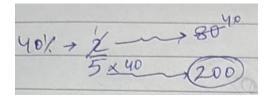
**Deadline: Monday 10th March** 

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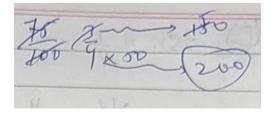
- 1. What is 25% of 200?
  - a) 25
  - b) 50
  - c) 75
  - d) 100



- 2. If 40% of a number is 80, what is the number?
  - a) 100
  - b) 150
  - c) 200
  - d) 250



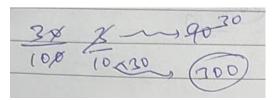
- 3. 75% of a number is 150. What is the number?
  - a) 175
  - b) 200
  - c) 225
  - d) 250



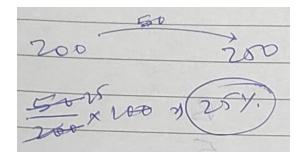
- 4. What is 15% of 120?
  - a) 12
  - b) 15
  - c) 18
  - d) 20



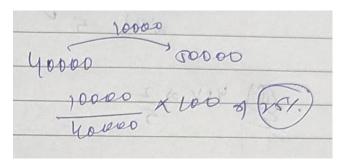
- 5. If 30% of a number is 90, then the number is:
  - a) 200
  - b) 250
  - c) 300
  - d) 350



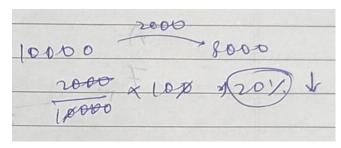
- 6. The price of a product increases from ₹200 to ₹250. What is the percentage increase?
  - a) 20%
  - b) 25%
  - c) 30%
  - d) 35%



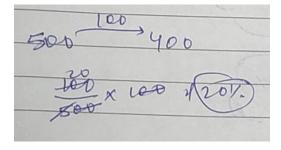
- 7. A salary increases from ₹40,000 to ₹50,000. What is the percentage increase?
  - a) 20%
  - b) 25%
  - c) 30%
  - d) 35%



- 8. The population of a town decreased from 10,000 to 8,000. What is the percentage decrease?
  - a) 10%
  - b) 15%
  - c) 20%
  - d) 25%



- 9. A book's price drops from ₹500 to ₹400. What is the percentage decrease?
  - a) 10%
  - b) 15%
  - c) 20%
  - d) 25%

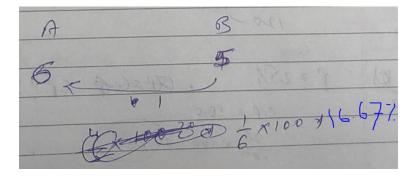


10 If the c	ost price of an item is ₹600 and the selling price is ₹450, what is the percentage loss
a)	20%
b)	22.5%
c)	25%
d)	30%
1. ### **	Cif = 600  7 S. P. 3 USD.  1 Py. 3 L X100 V. 3 FRO X 100 y (257)  Section 3: Percentage Comparison**
11. Which	is greater: 30% of 400 or 40% of 300?
a)	30% of 400
b)	40% of 300
c)	Both are equal
d)	Cannot be determined
	Sino)

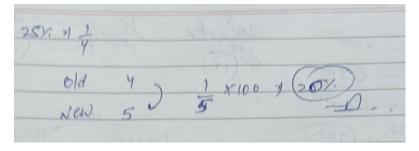
12. A person spends 60% of his income and saves ₹8,000. What is his total income?

a) ₹15,000b) ₹18,000c) ₹20,000d) ₹25,000

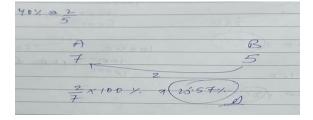
- 13. If A is 20% more than B, then B is how much less than A?a) 20%b) 16.67%
  - c) 25%
  - d) 10%



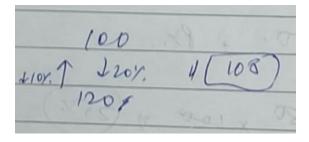
- 14. If the price of sugar is increased by 25%, by how much should the consumption be reduced to maintain the same expense?
  - a) 20%
  - b) 25%
  - c) 30%
  - d) 15%



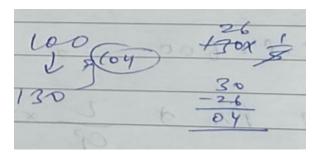
- 15. If A's income is 40% more than B's income, then B's income is what percentage less than A's?
  - a) 28.57%
  - b) 30%
  - c) 33.33%
  - d) 40%



- 16. The price of an item is increased by 20% and then decreased by 10%. What is the net percentage change?
  - a) 8% increase
  - b) 8% decrease
  - c) 10% increase
  - d) 10% decrease



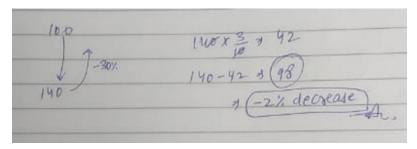
- 17. A number is increased by 30% and then decreased by 20%. What is the final percentage change?
  - a) 4% increase
  - b) 8% increase
  - c) 10% increase
  - d) 12% increase



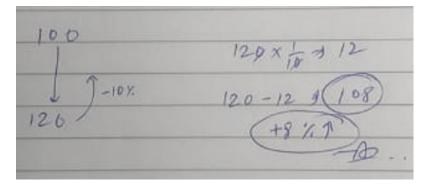
- 18. If the population of a city increases by 25% and then decreases by 20%, what is the net percentage change?
  - a) 0%
  - b) 5% increase
  - c) 10% decrease
  - d) 5% decrease



- 19. If a price increases by 40% and then decreases by 30%, the final change is:
  - a) 2% increase
  - b) 10% increase
  - c) 10% decrease
  - d) 2% decrease

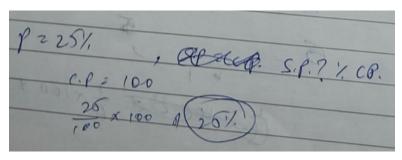


- 20. The salary of a person is first increased by 20% and then decreased by 10%. What is the overall percentage change?
  - a) 8% increase
  - b) 10% increase
  - c) 10% decrease
  - d) No change

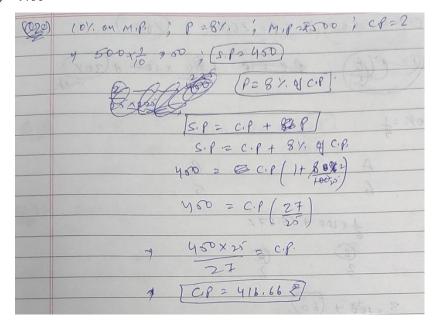


21. If an article is sold at a profit of 25%, then the selling price is what percentage of the cost price	21.	If an	article is	sold at a	profit of 25%.	then the s	elling price	is what	percentage of	f the cost n	rice?
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- a) 100%
- b) 125%
- c) 150%
- d) 175%



- 22. A shopkeeper allows a discount of 10% on the marked price and still makes a profit of 8%. If the marked price is ₹500, what is the cost price?
  - a) ₹400
  - b) ₹420
  - c) ₹450
  - d) ₹460



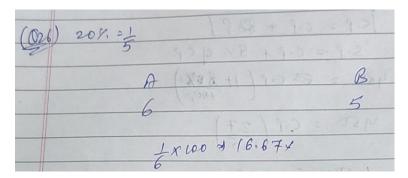
23. If the p	profit is 20% of the cost price, then what is the profit percentage on the selling price?
a)	16.67%
b)	18%
c)	20%
d)	22%
	(023) P2201. x CP.; [PX. on s. P2] P25
	P CP S.P.
	5-20-6-22-22-22-22-22-22-22-22-22-22-22-22-2
	100 SHOPPING
	1 x 100 2 16.67 x
	6
24 A mus d	yet is marked at \$1,200 and sold for \$060. What is the margentage discount given?
24. A prod a)	uct is marked at ₹1,200 and sold for ₹960. What is the percentage discount given?  15%
b)	20%
c)	25%
d)	30%
<b>u</b> )	
	(024) MIP 3 E1200 B SIP = 960 4 1. of discount 1800
	246 × 100 (204)
	1200
25. If an ar	ticle is bought for ₹500 and sold for ₹650, what is the percentage profit?
a)	20%
b)	25%

Rich 130 x 100 1 (20x.)

c) 30%d) 35%

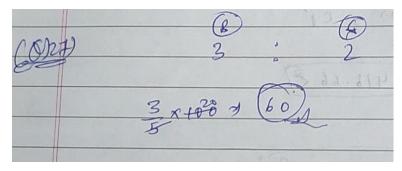
26. If A's income is 20% more than B's, then B's income is what percentage less than A's?

- a) 16.67%
- b) 18%
- c) 20%
- d) 25%



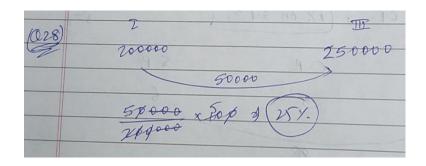
27. If the ratio of boys to girls in a school is 3:2, what percentage of the total students are boys?

- a) 30%
- b) 40%
- c) 50%
- d) 60%

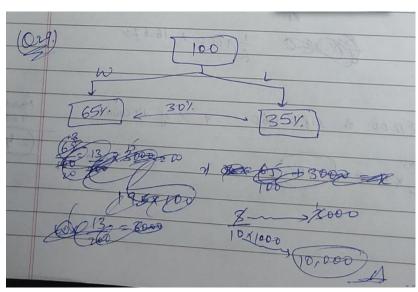


28 A city's population increased from 2,00,000 to 2,50,000 in 2 years. What is the percentage increase?

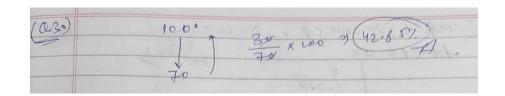
- a) 20%
- b) 25%
- c) 30%
- d) 35%



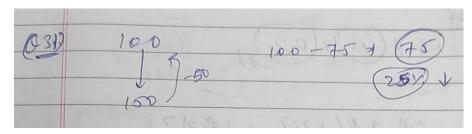
- 29 In an election, a candidate gets 65% of the total votes and wins by 3000 votes. How many total votes were cast?
  - a) 5000
  - b) 6000
  - c) 8000
  - d) 9000
  - e) 10000



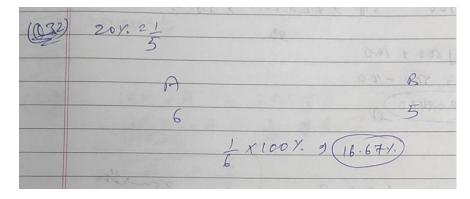
- 30 The price of an article is reduced by 30%. By what percentage must the new price be increased to restore the original price?
  - a) 30%
  - b) 42.85%
  - c) 50%
  - d) 60%



- 31 If a number is increased by 50% and then decreased by 50%, what is the net percentage change?
  - a) 0%
  - b) 25% decrease
  - c) 50% decrease
  - d) 75% decrease



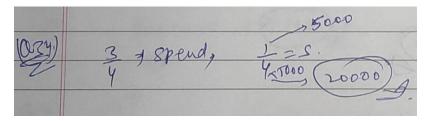
- 32 If A is 20% taller than B, then B is shorter than A by:
  - a) 16.67%
  - b) 18%
  - c) 20%
  - d) 25%



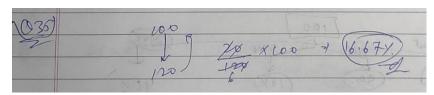
- 33 If 30% of a number is 90, what is 60% of the same number?
  - a) 120
  - b) 150
  - c) 180
  - d) 200



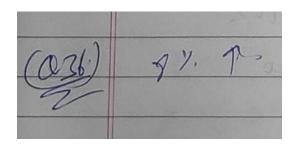
- 34 A person spends 75% of his income and saves ₹5000. What is his total income?
  - a) ₹15,000
  - b) ₹18,000
  - c) ₹20,000
  - d) ₹25,000



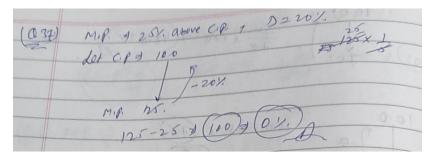
- 35 The price of petrol increases by 20%. By what percentage should consumption be reduced to maintain the same expense?
  - a) 16.67%
  - b) 18%
  - c) 20%
  - d) 25%



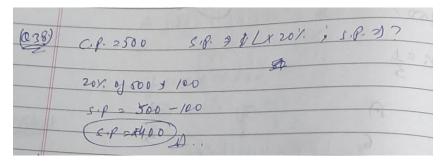
- 36 The price of a TV was first increased by 20% and then decreased by 10%. What is the overall percentage change?
  - a) 8% increase
  - b) 10% increase
  - c) 10% decrease
  - d) No change



- 37 A shopkeeper marks an item 25% above the cost price and gives a 20% discount. What is his profit/loss percentage?
  - a) 0%
  - b) 2% profit
  - c) 5% profit
  - d) 10% loss

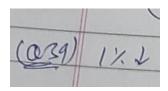


- 38 If the cost price of an article is ₹500 and it is sold at a loss of 20%, what is the selling price?
  - a) ₹350
  - b) ₹375
  - c) ₹400
  - d) ₹450

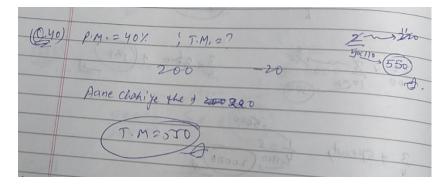


- 39 If a salary is increased by 10% and then decreased by 10%, what is the final percentage change?
  - a) 0%
  - b) 1% decrease

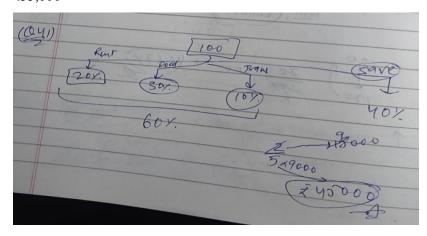
- c) 1% increase
- d) 2% decrease



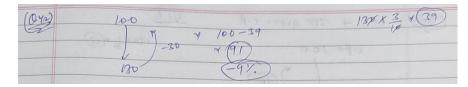
- 40 A student needs 40% marks to pass. He gets 200 marks and fails by 20 marks. What are the total marks?
  - a) 500
  - b) 550
  - c) 600
  - d) 650



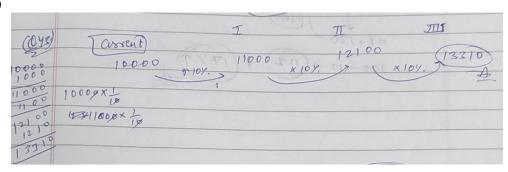
- 41 A man spends 20% of his salary on rent, 30% on food, and 10% on transport. If he saves ₹18,000, what is his salary?
  - a) ₹40,000
  - b) ₹45,000
  - c) ₹50,000
  - d) ₹55,000



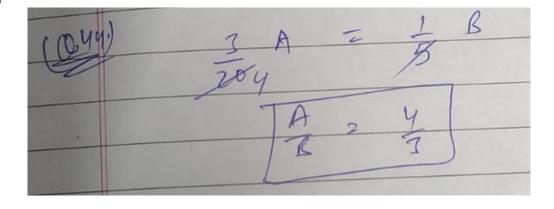
- 42 The cost of an item is first increased by 30% and then decreased by 30%. What is the overall percentage change?
  - a) 0%
  - b) 9% decrease
  - c) 9% increase
  - d) 15% decrease



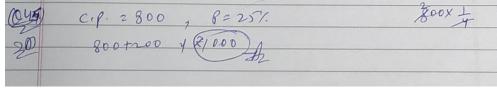
- 43) The population of a town increases by 10% every year. If the current population is 10,000, what will it be after 3 years?
- a) 13,310
- b) 13,500
- c) 14,000
- d) 14,200



- 44) If 15% of A is equal to 20% of B, then A:B is:
- a) 3:4
- b) 4:3
- c) 3:5
- d) 5:3

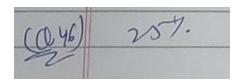


/	ost price of an ite	m is ₹800 and the	profit made is 25%	, what is the selling pr	rice?
a) ₹900					
b) ₹1000					
c) ₹1050					
d) ₹1100					
,				2	



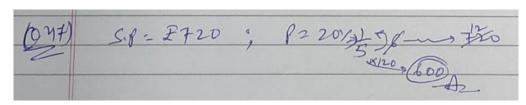
46) If the cost price (CP) of an item is ₹200 and the selling price (SP) is ₹250, what is the profit percentage?

- a) 20%
- b) 25%
- c) 30%
- d) 40%



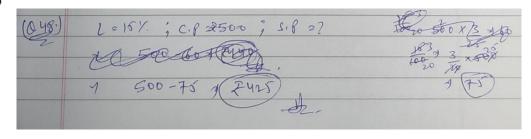
47) A man sells an article for ₹720 at a profit of 20%. Find the cost price.

- a) ₹600
- b) ₹620
- c) ₹650
- d) ₹700



48) A shopkeeper sells an item at a loss of 15%. If the cost price is ₹500, find the selling price.

- a) ₹400
- b) ₹425
- c) ₹450
- d) ₹475



49) A man purchased a cycle for ₹1500 and sold it at a loss of 10%. What was the selling price?

- a) ₹1200
- b) ₹1300
- c) ₹1350

d) ₹1400

(049)	CP = 21500 L= 10%	5.9.27
	* 1509 × 1/4 × (550) = L	
	4 S.P. 2 C.P - L	
	y SIP = 1500-150	
	4 S.P = 1500-150	

- 50) A trader marks his goods at 30% above the cost price and allows a discount of 10%. What is his gain percent?
- a) 17%
- b) 18% c) 19%
- d) 20%

