

(B) State whether the following statement are true or false (any 5) **(05)**

1. A broker acts as a mediator for the buyer and the seller and receives a payment with a commission.
2. Perpetual Annuity or a Perpetuity: A perpetual annuity is an annuity that is intended to continue indefinitely .
3.
$$S.I. = \frac{P \times r \times n}{100}$$
4. A commission salesperson may accept payment in cash or on credit.
5. Variable Cost: This could change based on a number of variables, including the quantity of units.
6. Commission Broker is Good New Profession as per Earnings.

Q.2. Fill the table - **(20)**

(A)

	C.P.	S.P.	Profit	Loss
1	Rs.500	Rs.600		
2	Rs. 5000	Rs4500		
3	Rs.100		Rs. 20	
4	Rs.800			Rs.150
5		Rs.700000	Rs.3500	
6		Rs.65000		Rs.2500
7	Rs. 10000	Rs. 15600		

OR

(B) Consider that one company, A, generated a profit of Rs. 13 crores from sales of Rs. 40 crores in a year, and another, B, made a profit of Rs. 16 crores from sales of Rs. 60 crores. Now we can use a firm's performance as one criterion for profit comparison. we infer that the second firm's performance is superior?

Q.3. The ratio of the two friends monthly salary is 3:5. The new ratio would be 13:21 if each person's monthly salary increased by 200 rupees. Determine their starting salary. **(10)**

(A)

(B) Solve (Any 2) **(05)**

1. When a camera sold by Pratik at Rs. 1674 there is 7% loss then calculate C.P.
2. On the sale of bicycles, an agent received commission of Rs. 1596 at a rate of 12%. Each bicycle sold for the sum of Rs. 950. Determine how many bicycles the agent has sold.

3. A commission agent earns 12% commission on sales up to Rs. 30000 and 15% commission on sales above Rs. 30000. His monthly sales are 67,000; calculate his commission.
4. Find the compound Interest of 10 years of Rs. 10000 when rate of interest is 8% annually

Q.4. The Furniture dealer want to earn 25% profit after giving 15% discount on chair buying at Rs, 340 (15)
(A) each. Calculate the Marked price of a chair.

OR

(B) Calculate the value of an ordinary annuity with a Rs. 3000 periodic payment, compounded semi-annually at 9% p.a. for four years. Calculate the value of an ordinary annuity with a Rs. 3000 periodic payment, compounded semi-annually at 9% p.a. for four years.
