Time: 30 Minutes   **Marks: 05**

Instructions: All questions are compulsory

Q 1. a) Distinguish between Ratio and Proportion.   (1M)[CO1][BL2]

OR

b) Distinguish between Direct and indirect Proportion.   (1M)[CO1][BL2]

Q 2. a) Out of 70 students, 14 failed. Find the percentage of students who passed.
                                                                                              (2M)[CO1][BL3]

OR

b) Bunty spends 12.5% of his monthly income on entertainment. If he earns ₹ 15360 per month, calculate his monthly expenditure on entertainment.   (2M)[CO1][BL3]

Q 3. a) Calculate the simple interest on ₹ 1268 for 219 days at the rate of $6\frac{1}{4}$ % per annum.
                                                                                              (2M)[CO1][BL3]

OR

b) On what sum will the simple interest for 3 years at 5% per annum be ₹ 150?
                                                                                              (2M)[CO1][BL3]

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