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Marks: 15 **Time: 30 mins**

Answer All the Questions

1. What is CO/ PO. How many Program Outcomes (POs) are there in the CSE Department? [2]

2. How many COs are there in your course? Describe each CO briefly. [3]

3. Using Newton's Laws of Motion, derive the principle of conservation of linear momentum. With figure.

[5]

4. A projectile is projected with an initial velocity of 25 m/s at an angle of 45°. Find:

    1. Time of flight
    2. Horizontal range

[5]

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