

ST

Class: CSE12
Subject: Physics

Student Name: Charlie Brown

Roll Number: 103

Set: SET-003

Total Marks: 10

Duration: 200 minutes

General Instructions:

- Read all questions carefully before attempting.
 - Write your answers clearly and legibly.
 - Marks are indicated against each question.
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QUESTIONS

Q1. Analyze the motion of a projectile launched at an angle of 45° with air resistance. [3 marks]

Answer:

Q2. friction [4 marks]

Answer:

Q3. Derive Einstein's mass-energy equivalence equation ($E=mc^2$). [3 marks]

Answer:
