ST

Class: CSE12
Subject: Physics

Student Name: Eve Wilson

Set: SET-003

Roll Number: 105

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.

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: