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**Class: CSE12**  
**Subject: Physics**

Student Name: Rashi Agrawal

Roll Number: 7

Set: SET-001

Total Marks: 10

Duration: 200 minutes

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**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.** Derive Einstein's mass-energy equivalence equation ( $E=mc^2$ ).

[3 marks]

Answer:

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**Q2.** law of newton

[4 marks]

Answer:

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**Q3.** inertia

[3 marks]

Answer:

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