

Question Paper

Topic 1: Mechanics

Q1. What is the term used to describe the force that opposes motion between two surfaces in contact?

- A. Friction
- B. Gravity
- C. Inertia
- D. Magnetism

Answer: A. Friction

Explanation: Friction is the force that opposes motion between two surfaces in contact.

Q2. Which of the following is a measure of the amount of matter in an object?

- A. Weight
- B. Volume
- C. Mass
- D. Density

Answer: C. Mass

Explanation: Mass is a measure of the amount of matter in an object, while weight is the force of gravity acting on an object.