

Question Paper

Topic 1: Mechanics

Q1. What is the term for the force that opposes the relative motion or tendency of such motion between two surfaces in contact?

Friction

Acceleration

Gravity

Inertia

Answer: Friction

Explanation: Friction is the force that opposes the relative motion or tendency of such motion between two surfaces in contact.

Q2. What is the SI unit of force?

Kilogram

Watt

Newton

Joule

Answer: Newton

Explanation: The SI unit of force is the Newton, represented by the symbol 'N'.