

Question Paper

Topic 1: Mechanics

Q1. What is the term used to describe the resistance an object has to change its state of motion?

Velocity

Acceleration

Inertia

Friction

Answer: Inertia

Explanation: Inertia is the property of matter that causes an object to resist changes in its state of motion.

Q2. Which of the following is an example of a contact force?

Gravity

Magnetic force

Friction

Electric force

Answer: Friction

Explanation: Friction is a force that resists the motion of objects that are in contact with each other.