

# Question Paper

## Topic 1: Mechanics

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

Friction

Gravity

Momentum

Acceleration

Answer: Friction

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

Q2. Which of the following is a measure of how fast an object's position changes with time?

Speed

Acceleration

Force

Weight

Answer: Acceleration

Explanation: Acceleration is a measure of how fast an object's position changes with time. It can be a change in speed or direction.