

1. Friction always:

- a) Helps motion
- b) Opposes motion
- c) Increases speed
- d) None

2. Which force attracts objects towards Earth?

- a) Magnetic
- b) Gravitational
- c) Electrostatic
- d) Friction

3. Force is:

- a) Only push
- b) Only pull
- c) Push or pull
- d) None

**Assertion–Reason (1 mark each)**

4. **A:** Balanced forces cause motion.

**R:** Balanced forces have no net effect.

5. **A:** Magnetic force needs contact.

**R:** It can act without contact.

**Case Study (4 marks)**

A football player kicks a ball, changing its speed and direction.

- a) Which type of force is applied?
- b) Name two effects of force seen here.
- c) Is this contact or non-contact force?
- d) What will happen if an equal force is applied in the opposite direction at the same time?

**2-Mark Questions**

- 6. Define electrostatic force.
- 7. Name two examples of gravitational force in daily life.
- 8. Explain how gravity affects our daily life.

**3-Mark Questions**

- 9. Explain how friction is helpful in walking.
- 10. Give three examples of non-contact forces.

**4-Mark Question**

- 11. Draw and explain the effects of force with four labelled examples.

