

## CHAPTER-1 | Exploring the Investigative World of Science

QUIZ  
PART-02

1. Force can make an object:

- A. Disappear
- B. Change speed
- C. Break always
- D. Melt (B)

**Explanation :** Force can speed up or slow down objects.

2. A ball falls back due to:

- A. Wind
- B. Magnetism
- C. Gravity
- D. Sound (C)

**Explanation :** Gravity pulls objects toward Earth.

3. Brakes stop a car due to:

- A. Heat
- B. Friction
- C. Light
- D. Sound (B)

**Explanation :** Friction reduces motion.

4. Pressure is:

- A. Speed
- B. Force per area
- C. Weight
- D. Mass (B)

**Explanation :** Pressure depends on force distribution.

5. Gentle breeze occurs due to:

- A. Large pressure difference
- B. Small pressure difference
- C. No pressure
- D. Heat only (B)

**Explanation :** Small pressure difference causes light winds.

6. Large pressure difference causes:

- A. Clear sky
- B. Storms
- C. Calm air
- D. Fog (B)

**Explanation :** Big differences cause storms.

7. Push and pull are types of:

- A. Energy
- B. Force
- C. Light
- D. Sound (B)

**Explanation :** Force is push or pull.

8. Force can change:

- A. Colour
- B. Direction
- C. Size only
- D. Temperature (B)

**Explanation :** Force can change direction.

9. Air movement depends on:

- A. Light
- B. Pressure difference
- C. Sound
- D. Colour (B)

**Explanation :** Air moves from high to low pressure.

10. Effects of force are seen in:

- A. Agriculture
- B. Safety
- C. Daily life
- D. All (D)

**Explanation :** Force impacts many areas.