

## CHAPTER-5 | Exploring Force

QUIZ  
PART-05

1. Gravitational force is:

- A. Repulsive
- B. Attractive
- C. Neutral
- D. Magnetic (B)

*Explanation:* Gravity always attracts.

2. Weight is:

- A. Mass
- B. Gravitational force
- C. Density
- D. Volume (B)

*Explanation:* Weight is force due to gravity.

3. Unit of weight is:

- A. kg
- B. N
- C. g
- D. m (B)

*Explanation:* Weight is measured in newton.

4. Mass remains:

- A. Constant
- B. Changing
- C. Zero
- D. Doubled (A)

*Explanation:* Mass does not change.

5. Weight changes with:

- A. Colour
- B. Location
- C. Shape
- D. Volume (B)

*Explanation:* Gravity differs by place.

6. On Moon, weight becomes:

- A. Same
- B. Double
- C. One-sixth
- D. Zero (C)

*Explanation:* Moon's gravity is weaker.

7. Object thrown upward slows because of:

- A. Magnet
- B. Friction
- C. Gravity
- D. Electricity (C)

*Explanation:* Gravity pulls downward.

8. At highest point, gravity acts:

- A. Upward
- B. Downward
- C. Zero
- D. Sideways (B)

*Explanation:* Gravity always downward.

9. Spring balance measures:

- A. Mass
- B. Weight
- C. Speed
- D. Density (B)

*Explanation:* It measures force.

10. Vertical motion means motion:

- A. Up and down
- B. Circular
- C. Sideways
- D. Zigzag (A)

*Explanation:* Vertical direction is up-down.