

## OAKRIDGE INTERNATIONAL SCHOOL

### WORKSHEET ON NEWTON'S LAW

Multiple Choice Questions & Answers (MCQs) focuses on "Newton's First Law of Motion".

1. What causes the motion of a body which is initially in the state of rest?
  - a) Force
  - b) Displacement
  - c) Speed
  - d) Velocity
  
2. People sitting in a moving bus experience a jerk when the bus stops. This is due to \_\_\_\_
  - a) Inertia of motion
  - b) Inertia of rest
  - c) Inertia of turning
  - d) Inertia of acceleration
  
3. Passengers sitting in a stationary car experience a jerk when the car suddenly starts. This is due to \_\_\_\_
  - a) Inertia of motion
  - b) Inertia of rest
  - c) Inertia of turning
  - d) Inertia of acceleration
  
4. Unit of force is \_\_\_\_
  - a) Newton
  - b) Pascal
  - c) Byte
  - d) Gram

5. How can a moving object be in equilibrium? There is no change in the object's state of motion

- a) A moving object cannot be in equilibrium
- b) A force gets it moving
- c) A force keeps it moving at constant velocity
- d) None are correct