

Worksheet

Practice. Learn. Succeed

Sub : Science

Grade: IX

Date:

Name:

ID No.....

Tick the Choice Question

- 1. Gravitation is a universal force. However, when we stand near a wall, we are not pulled by the wall because**
 - (a) wall has large surface area
 - (b) the wall is at a small distance
 - (c) flat surface do not exert gravitation
 - (d) the gravitation due to wall is negligible
- 2. The value of G depends upon**
 - (a) the masses if bodies
 - (b) the medium between the bodies
 - (c) the temperature of bodies
 - (d) none of these
- 3. Newton's law of gravitation is applicable to**
 - (a) bodies in solar system only
 - (b) all bodies in the universe
 - (c) planets only
 - (d) bodies on earth only
- 4. A body falling under gravity moves with a uniform**
 - (a) energy
 - (b) velocity
 - (c) momentum
 - (d) acceleration
- 5. The mass of the body is the**
 - (a) gravitational force exerted by the body
 - (b) gravitational force experienced by the body
 - (c) measure of the gravitational force experienced by the body
 - (d) measure of neither gravitational force exerted nor that experienced by a body