



A JESUIT CHRISTIAN MINORITY INSTITUTION TERM- 1

Subject-Physical Science Worksheet- 13 Class – 9

Date- 7.3.21 ANSWERS

Topic- Force and Motion

CHOOSE THE CORRECT OPTION- (MCQ)

MARKS=1×15

Question 1

Mass is the measure of A.inertia

- Question 2 When a body moves with uniform motion in a straight line then -----acts upon it. A. No force
- Question 3 The product of mass and its velocity is called A. momentum
- Question 4 The earth is attracted by the sun and this force of attraction is called A. centripetal force
- Question 5
 Push is also a kind of
 A. thrust
- Question 6.
 Every action there is an equal and ------ reaction.
 A. opposite
 Question 7.
 Measurement of force is obtained from Newton's
 A.law of gravitation è

- Question 8
- When an unbalanced force acts on a body A.the body's motion does not change
- Question 9
 Q. What is the momentum of a 50 kg ice skater gliding across the ice at a speed of 2m/s ?

A.25kgm/s

Question 10 Q.The S.I unit of force is the C. D.newton

Question 11

Q. A horizontal line on a distance time graph means the object is A.moving at a constant speed

Question 12 Q. Newton's third law of motion describes A.net force

- Question 13
 Q. Oscillation of a tuning fork is a A. vibratory motion
- Question 14 Q. Momentum is the product of mass and ------

A.Velocity

• Question 15 Q. Density is the ratio of mass and...... A.Volume

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