

C. body is stationary

D. Acceleration is zero

- Question 7

Measurement of force is obtained from Newton's

A. law of gravitation

B. 1st law of motion

C. displacement

D. distance

- Question 8

- When an unbalanced force acts on a body

A. the body's motion does not change

B. the inertia of the body increase

C. the weight of the object decrease

D. the object accelerates

- 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

C. 50kgm/s

B. 48kgm/s

D. 100kgm/s

- Question 10

Q. The S.I unit of force is the

A. meter B. joule

C. kilogram D. newton

- Question 11

Q. A horizontal line on a distance time graph means the object is

A. moving at a constant speed

B. moving faster

C. at rest

D. slowing down

Question 12

Q. Newton's third law of motion describes

A. net force

B. centripetal forces

C. balanced forces

D. action and reaction forces.

- Question 13

Q. Oscillation of a tuning fork is a

A. vibratory motion

B. straight line motion

C. nucleus

D. none of these

- Question 14

Q. Momentum is the product of mass and -----

A. Velocity

B. power

C.energy
D.time

- Question 15
Q. Density is the ratio of mass and.....
A.Volume
B.Area
C.gravity
D.none of these

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