

INDIAN SCHOOL SOHAR
FORMATIVE ASSESSMENT-2 MCQ
SUBJECT: SCIENCE
CLASS:-IX SEC:-

SET:-2

NAME:- _____

ROLL NO:- _____

DATE:-

MARKS:-10

I. CHOOSE THE APPROPRIATE ANSWER FROM THE OPTIONS GIVEN BELOW:

1. SI Unit of force is?
a) Newton/m b) Joule/m c) Kg/ms² d) Watt/hr
2. The physical quantity which is equal to the rate of change of momentum is?
a) energy b) force c) impulse d) power
3. A batsman hits a cricket ball which then rolls on a level ground. After covering a short distance, the ball comes to rest. The ball slows to a stop, because?
a) the batsman did not hit the ball hard enough. b) there is no unbalanced force on the ball.
c) there is a force on the ball opposing the motion. d) velocity is proportional to the force exerted.
4. To every action there is an?
a) equal and opposite action b) equal reaction c) equal action d) law of gravitation
5. When no force is applied on an object, for whatever time taken, the initial velocity is always equal to?
a) 0 b) infinity c) momentum d) final velocity
6. A force of 7kg/ms² acts on a body of mass 1kg. Calculate the acceleration produced.
a) 7m/s² b) 8m/s² c) 10m/s² d) 1m/s²
7. When vigorously shaken, leaves get detached from a tree due to:
a) inertia of rest b) inertia of direction c) inertia of motion d) no inertia