

INTERNATIONAL INDIAN SCHOOL BURAIDAH

WORKSHEET

Subject: Science

Class: VII

CHAPTER-13, (Motion and Time)

I) Fill in the blanks:-

- 1) Distance travelled by a body in a unit time is called -----.
- 2) A body is said to be in ----- of its covers equal distance in equal intervals of time.
- 3) The slope of a distance time graph represents -----.
- 4) ----- is used to measure short interval of time.
- 5) The time taken by the pendulum to complete one oscillation is called its -----.
- 6) The basic unit of time is a -----.

II) Multiple Choice Questions:-

- 1) One hour is equal to
a) 600 seconds b) 1200 seconds c) 1800 seconds d) 3600 seconds
- 2) S.I unit of time is
a) Second b) Minute c) Hour d) Day
- 3) Speed time graph is straight line for
a) Non uniform motion b) uniform motion c) accelerated motion d) constant motion
- 4) Pendulum clock is based on
a) Newton's observation b) Galileo observation c) Archimedes observation d) Chadwick observation
- 5) Change in position with respect to the surroundings is called
a) Force b) motion c) Momentum d) Movement
- 6) The earliest clocks for measuring time during day were
a) Sand clocks b) pendulum clocks c) sundials d) stop watches

- 7) The speed of the vehicle is recorded by
a) Odometer b) Speedometer c) Voltmeter d) All of these
- 8) S.I unit of speed is
a) m/s b) km/h c) m/h d) km/s

III) Answer the following questions:-

- a) Define motion? Write its S.I unit of speed?
- b) What is odometer? What is its function?
- c) Write the difference between uniform and non uniform motion.
- d) Write is the difference between speed and velocity.