

Name: _____ Grade : VI Branch: _____ Date: 28/04/2020 Sub: Science

MOTION AND MEASUREMENT OF DISTANCES - 1

A. Multiple Choice Questions:

1. Which of the following modes of transport is not based on the invention of the wheel?

- (a) Boat
- (b) Bicycle
- (c) Bus
- (d) Bullock cart

2. The unit you will use to measure the distance from Delhi to Patna is

- (a) centimetre
- (b) kilometre
- (c) millimetre
- (d) decimetre

3. To measure the length of a curved line, you will use:

- (a) thread
- (b) geometry scale
- (c) divider
- (d) both a and c

4. Which one of the following is the smallest unit of length?

- (a) mm
- (b) km
- (c) cm
- (d) m

5. Which is an example of rotatory motion?

- (a) a planet moving around the sun
- (b) a boy on a giant wheel
- (c) a spinning top
- (d) the bob of a swinging pendulum

6. A ball rolling on a ground shows

- (a) periodic motion
- (b) rectilinear motion
- (c) rotational motion
- (d) both (b) and (c)

7. The motion of a pendulum is

- (a) periodic
- (b) circular
- (c) curvilinear
- (d) rotatory

8. The motion of the arms of soldiers in a march past is

- (a) oscillatory
- (b) circular
- (c) periodic
- (d) non-periodic

9. Kelvin is the unit of

- (a) length
- (b) time
- (c) mass
- (d) temperature

10. SI unit of mass is

- (a) second
- (b) metre
- (c) Kelvin
- (d) kilogram

B. Fill in the blanks

1. Accurate measurement of any—— is very essential.
2. Motion in a—— is called rectilinear motion.
3. A body moving along a curve is said to be in—— motion.
4. The motion which repeats itself after regular interval of time is called——.
5. Small and—— are called vibrations.

C. State whether 'True' or 'False'

1. The motion of the earth is periodic.
2. The motion of a train along the track is mostly rectilinear and at time curvilinear.
3. Handspan cannot be used to measure length accurately.
4. Mass is a unit of temperature
5. When a screw is tightened it exhibits only rotatory motion.
6. Movements of a bird in the sky can be said to be oscillatory.