Class Notes	
Class: VI	**Topic: MCQs on chapter 10** **Motion and Measurement of Distances**
Subject: Science	**(Can be solved in soft/Can be downloaded and saved / Can be written in notebook)**

==Multiple choice questions==

1. Which of the following is not a unit of distance?
   a) Meter
   b) Feet
   c) Kilogram
   d) Kilometer

2. Which of the following does not involve combination of motion?
   a) Motion of Earth
   b) Wheel of Bike
   c) Pendulum
   d) Ball rolling on the ground

3. Which one of the following is a standard unit of measurement of distance?
   a) Hand span
   b) Meter
   c) Arm length
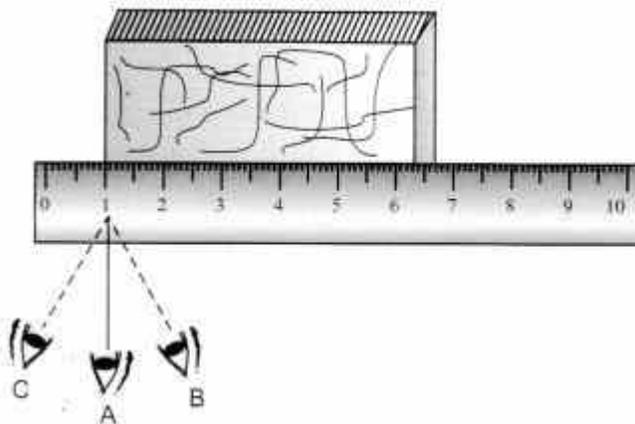   d) Pace

4. 4 meter is equal to
   a) 4000cm
   b) 400cm
   c) 40mm
   d) 400mm

5. One meter has 10 equal part is called
   a) millimeter
   b) Centimeter
   c) Decimeter
   d) Nanometer

6. In the following figure, the proper way of reading scale is

   a) A

b) C

c) B

d) None of the above

7. An example of rectilinear motion is
   a) apple falling from a tree
   b) motion of a car on a straight road
   c) a spinning top
   d) both (a) and (b)

8. Which is an example of a periodic motion?
   a) Oscillation of a pendulum
   b) Motion of a bus on road
   c) Kids sliding down from a slide
   d) A stone dropped from a certain height

9. The act of determining, size, capacity or quantity of an object is called
   a) Units
   b) Measurement
   c) Pace
   d) Motion
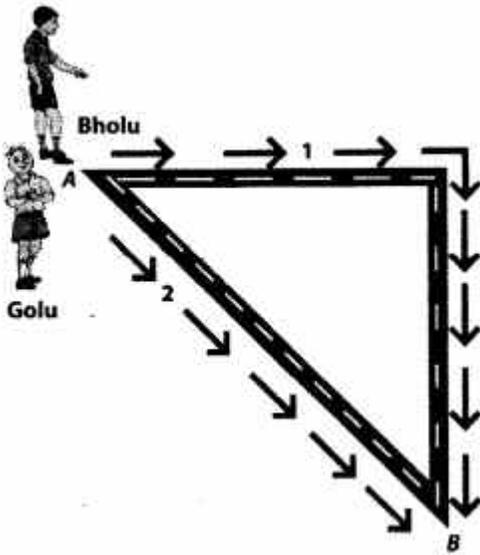
10. Which is a correct relationship?
    a) 1 m = 100 cm
    b) 1 cm = 100 cm
    c) 1 km = 100 m
    d) 1 km = 1000 cm

11. Paheli moves on a straight road from point A to point C. She takes 20 minutes to cover a certain distance AB and 30 minutes to cover the rest of distance BC. She then turns back and takes 30 minutes to cover the distance CB and 20 minutes to cover the rest of the distance to her starting point. She makes 5 rounds on the road the same way. Paheli concludes that her motion is
    a) only rectilinear motion
    b) only periodic motion
    c) rectilinear and periodic both
    d) neither rectilinear nor periodic

12. Bholu and Golu are playing in a ground. They start running from the same point A in the ground and reach point B at the same time by following the paths marked 1 and 2 respectively as shown in figure. Which of the following is/are true for the given situation?
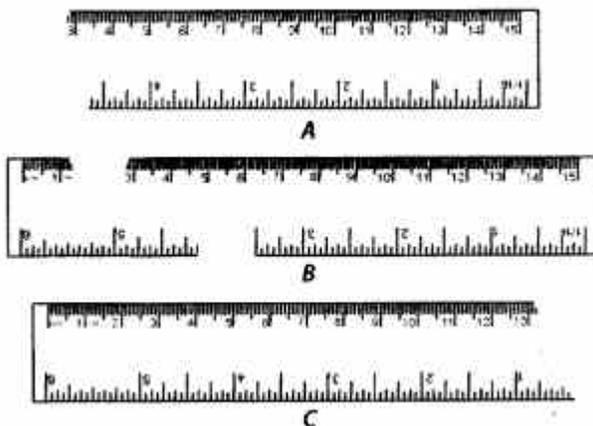
As compared to Golu, Bholu covers a
   a) longer distance but with a lower speed
   b) longer distance with a higher speed
   c) shorter distance with a lower speed
   d) shorter distance with a higher speed

13. Figure shows a measuring scale which is usually supplied with a geometry box. Which of the following distance cannot be measured with this scale by using it only once?

   a) 0.1 m
   b) 0.15 m
   c) 0.2 m
   d) 0.05 m

14. You are provided three scales A, B and C as shown in figure to measure a length of 10 cm

For the correct measurement of the length you will use the scale
   a) A only
   b) B only

c) C only
d) Any of the three Scales

15. **Which of the following does not express a time interval?**
    a) A day
    b) A week
    c) A school period
    d) Time of the first bell in the school