1. Which of the following relations is correct?

a. Speed = Distance $\times$ Time

b. Speed = Distance/Time

c. Speed = Time/Distance

d. Speed = 1/Distance $\times$ Time

2. The basic unit of speed is

a. Km/min

b. m/min

c. km/h

d. m/s

3. A car moves with a speed of 80 km/h for 15 minutes and then with a speed of 60 km/h for the next 15 minutes. The total distance covered by the car is

a. 100km

b. 50km

c. 35km

d. 70km
4. The value of 2km/hr is equal to
   a. $\frac{4}{9}$ m/s
   b. $\frac{5}{9}$ m/s
   c. $\frac{13}{9}$ m/s
   d. $\frac{7}{9}$ m/s

5. The meter that measures the distance moved by a vehicle is ( )
   a. Speedometer
   b. Odometer
   c. Anemometer
   d. Thermometer

6. The meter that is used to measure speed of a vehicle is
   a. Speedometer
   b. Odometer
   c. Anemometer
   d. Thermometer

7. The speedometer of a vehicle measures the speed in
   a. m/sec
   b. m/min
   c. km/hr
   d. km/min

8. An ancient time measuring device SUNDIAL at Jantar Mantar is in
   a. Ahmedabad
b. Bombay

c. Delhi

d. Lucknow

9. The time taken by a pendulum of given length to complete one oscillation is

a. Different at different times
b. Same at all times
c. Increases at different times
d. Decreases at different times

10. An example of Oscillatory motion is

a. Motion of a cycle wheel
b. Movement of a car on a straight road
c. Motion of earth around the sun
d. Motion of a swing.