Worksheet

Practice. Learn. Succeed

Sub : Science   **Grade: IX**   Date: ....

Name: ....   **ID No**..

Tick the Choice Question

1. **An object travels 16 m in 4s and then another 16 m in 2s. The average speed of the object is**

   (a) 5.33 m/s   (b) 4 m/s

   (c) 8 m/s   (d) 5 m/s

2. **A cyclist travels a distance of 6 kilometres in 10 minutes. His speed in metre per second is**

   (a) 36 m/s   (b) 10 m/s

   (c) 100 m/s   (d) 3.6 m/s

3. **Which of the following can be zero when the particle is in motion for sometime?**

   (a) Displacement   (b) Distance covered

   (c) Speed   (d) None of these

4. **The ratio of magnitude of displacement to distance is**

   (a) always less than one   (b) always equal to one

   (c) always more than one   (d) equal to or less than one

5. **The velocity-time graph of a motion starting from rest with uniform acceleration is a straight line**

   (a) parallel to time axis   (b) parallel to velocity axis

   (c) not passing through origin   (d) having none of the above characteristics

6. **A car accelerates from rest at constant rate for the first 10 s and covers a distance x. It covers a distance y in the next 10 second at the same acceleration. Which of the following is true?**

   (a) x = 3y   (b) y = 3x

   (c) x = y   (d) y = 2x

7. **While going from home to the office, a person covers a distance of 3 km at a speed of 7.5 km/h. He comes back home covering the same distance at a speed of 6 km/h. The total time taken is**

   (a) 54 minutes   (b) 0.9 minutes

   (c) 900 minutes   (d) 0.75 h

8. **The local varieties of bees used for commercial honey production are**

   (a) Apis cerana indica   (b) A. dorsata

   (c) A. florae   (d) All of the above

9. **Which one of the following is the exotic or foreign breed of cow**

   (a) Jersey   (b) Red sindhi

   (c) Sahiwal   (d) None of the above

10. **A book is lying on the table. What is the angle between the action of the book on the table and the reaction of the table on the book?**

    (a) 0°   (b) 45°

    (c) 90°   (d)180°