SUBJECT:- PHYSICS   CLASS:- IXTH   DATE:29/07/XX

SUBJECT TEACHER:- MR. NEEL NIRANJAN

CHAPTER 1. (MOTION REVISION) (BASED ON NCERT PATTERN)

FILL IN THE BLANKS

1. If a car starts at rest and accelerates uniformly, the distance it travels is proportional to the ………. of the time it travels.

2. The speedometer of a car measures its…….. speed.

3. The slope of *x-t* graph gives the………… of motion.

4. Area below v-t graph is a measure of…………………

5. If a car is going northward and the driver jams on its brakes, the direction of its acceleration is………….

6. When an object is going in a circular path at constant speed, the direction of its acceleration is …….

7. A particle moves with a velocity v in a circle of radius r, then its angular velocity is equal to………….. and acts along the…………..

8. The ratio of angular speeds of minute hand and hour hand of watch is

9………… A truck traveling due north at 20 m/s turns left and travels at the same speed. Then the change in velocities………

10. The magnitude of average velocity ………….equal to the average speed.

ANSWERS

1. Square   **2. instantaneous**

3. velocity   **4. displacement**

5. South   **6. centripetal**

7. v/r, axis of ration   **8. 12**

9. 20 m/sec , south-west   **10. may or may not be**