

**J&K POLICE PUBLIC SCHOOL, MIRAN SAHIB**  
**ASSIGNMENT-1**  
**SUBJECT- PHYSICS**

**TIME : 40 minutes**  
**Tr. I/C : SURBHI**

**M.Marks: 20**  
**CLASS 9TH**

**General Guidelines**

Attempt all questions

Very short Answer Type Questions – 1 Marks Each

Short Answer Type Questions- 3Marks Each

Long Answer Type Questions – 5 Marks Each

**SECTION A**

**VERY SHORT ANSWER TYPE QUESTIONS**

- Q1. What does the odometer of an automobile measure?  
Q2. What do you mean by the term speed? Is it scalar quantity or vector?  
Q3. What does the path of an object look like when it is in uniform motion?

**SECTION B**

**SHORT ANSWER TYPE QUESTIONS**

- Q4. Distinguish between speed and velocity.  
Q5. Define acceleration and its types.  
Q6. A bus decreases its speed from 80 k/ hr to 60 km/hr in 5 s. Find the acceleration of the bus.  
Q7. Draw the distance- time graph, when the object is at rest.

**SECTION C**

**LONG ANSWER TYPE QUESTIONS**

- Q8. A train starting from a railway station and moving with a uniform acceleration attains a speed 40 km/hr in 10 minutes. Find its acceleration.