



PUNJ International School

Shree Swaminarayan Gurukul, Zundal

Weekly Test Paper				Chapter: Motion	
Student Name				Grade	IX
Date				Subject	PHYSICS
Roll No.		Time	1hr	Total Marks	10

Q -1 Fill in the blanks:

[04]

- 1) When v-t graph is parallel to x-axis, the body is_____.
- 2) The slope of v-t graph for a body in uniformly accelerated motion is_____.
- 3) The slope of displacement-time graph for a car parked in a parking area is_____.
- 4) Acceleration is a_____ quantity.

Q – 2 Write the following question answer in brief (2 Marks each)(Any Three)

[06]

- 1) What does the odometer of an automobile measure?
- 2) An object has moved through a distance. Can it have zero displacement? If yes, support your answer with an example.
- 3) Distinguish between speed and velocity.
- 4) What can you say about the motion of an object whose distance - time graph is a straight line parallel to the time axis?
- 5) A trolley, while going down an inclined plane, has an acceleration of 2 cm s^{-2} . What will be its velocity 3 s after the start?