

Chapter 1

Motion

Motion means movement

Motion= A body, said to be in motion if it change its position with respect to time

1. *Notes*

Change in position of object with respect to reference point is known as motion

Example => Moving car, moving train etc.

Rest= A body Said to be in rest If it does not change its position with respect to time

Note

A body said to be state of rest when its position does not change with respect to reference point.

Examples Tree, House Bridge etc

Physical quantity- It is a physical property of material that can be measured

It has two types

1) Vector quantity

2) Scalar quantity

1) Vector quantity= It is a physical quantity having both magnitude as well as direction

Examples = Velocity, Displacement, Acceleration, etc

* Notes*

Vector= $M \times D$ (M= Magnitude and D= Direction)

30km North

M D

