

Sub: physics

FM:20

HOME ASSIGNMENT FOR SUMMER VACATION

Class :ix A

1. Compare speed and velocity .
2. Define acceleration and average speed .
3. Define and explain uniform motion with the help of data and graph.
4. Prove that  $v^2-u^2=2as$  graphically.
5. Define circular motion and write all the properties of circular motion.

Project work

To draw the figure on chart paper:-

- i. For spring distance .
- ii. Graph for constant speed.
- iii. Graph for a body at rest.