



Class-IX

Physics

Date:-23/04/2020

Chapter-8 (Motion)

- ❖ Watch the video of science chapter-8 (Motion), Part-6 from **Optimum Online E-Learning Platform**
- ❖ Answer the following questions:
 1. A bus starts from Darbhanga at 10:00am and reaches Patna at 12:00pm. The distance between Darbhanga and Patna is 140 km. Calculate the average speed of the bus.
 2. If the magnitude of displacement and the distance covered by a moving object are the same then what will be the nature of their path of travel?
 3. Distinguish between uniform and non-uniform motion.

Answers of the previous day homework

1. What is speed?

Answer-

The measurement of distance travelled by a body per unit time is called speed.

2. What is velocity?

Answer-

Velocity is the speed of an object in a given direction.

3. What do you mean by uniform motion?

Answer-

When an object moves in such a way that it covers equal distance in equal time, then the motion of the object is said to be uniform. In uniform motion the speed of the object does not.

