

MOTION AND TIME (VIII)

1. What is measurement? FPS, CGS, MKS write full forms.
2. What is oscillation? How is it related to time period?
3. What is speed? The distance between Delhi and Chandigarh is around 250km. A bus takes 5hr to travel from D to C. At what speed does it travel.
4. The shatabdi express takes 6hrs to ravel from Delhi to Lucknow, at a speed of 80km/h. find the distance between New Delhi and Lucknow.
5. A car travels a distance of 270 km in $4\frac{1}{2}$ hr. Find its speed in km/hr. m/s.
6. A cheetah runs a distance of 200m.in 10 sec. What is the speed of the cheetah in m/s, km/h.
7. Distinguish between uniform and uniform motion.
8. What do you mean by time period of a pendulum?
9. When is an object said to be in uniform motion?
10. Draw a typical distance –time graph for uniform motion?
11. On what principle are our modern electronic watches based?
12. A car travels a distance of 270 km in $4\frac{1}{2}$ hr .find its speed ?
13. What is the SI system of units? name two other systems of units?
14. A car travels along a circular racing track at a constant speed of 100km/hr. Does it have uniform motion.