

Smart Writeup's

Practice. Learn. Succeed

Sub : Science

Grade: IX

Date:

Name:

ID No.....

1. What can you say about the motion of a body if

- (i) its displacement-time graph is an inclined straight line.
- (ii) its velocity-time graph is an inclined straight line.
- (iii) its velocity-time graph is a straight line parallel to time axis.
- (iv) can the velocity-time graph of the body may be a straight line parallel to velocity axis?

2. The velocity-time graph of a body is shown in Figs. 1.49 (a) and (b). What can you say about the acceleration of the body in Figs. [(a) and (b)].

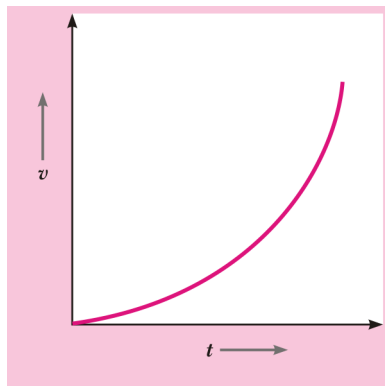


Fig. (a)

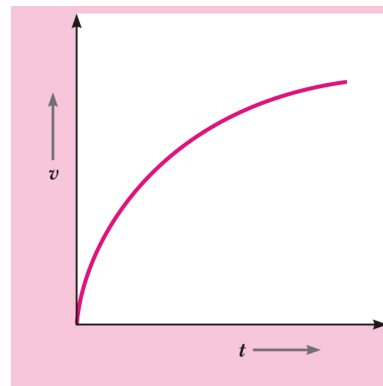


Fig. (a)

3. What is meant by uniform circular motion? Is the motion of a particle in uniform circular motion unaccelerated ?
