

- 12 Fig. 12.1 shows the variation with displacement x of velocity v of a simple harmonic oscillator. Fig. 12.2 shows the variation with time t of the acceleration a of the oscillator.

Which of the points on the $a-t$ graph corresponds to the state of motion represented by point **P**?

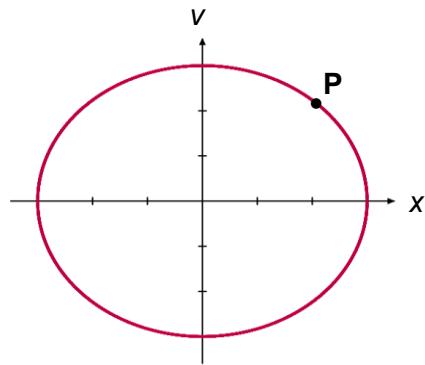


Fig. 12.1

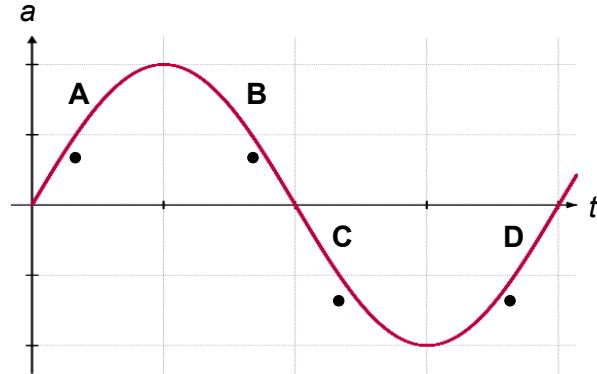


Fig. 12.2