

- 11 **Fig. 11.1** shows the variation with displacement x of the velocity v of a simple harmonic oscillator. **Fig. 11.2** shows the variation with time t of the net force F acting on the oscillator.

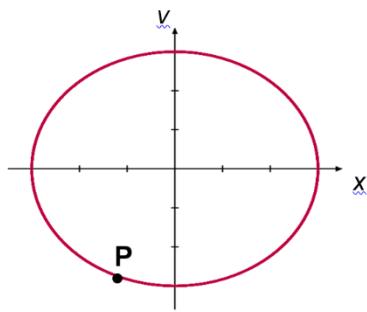


Fig. 11.1

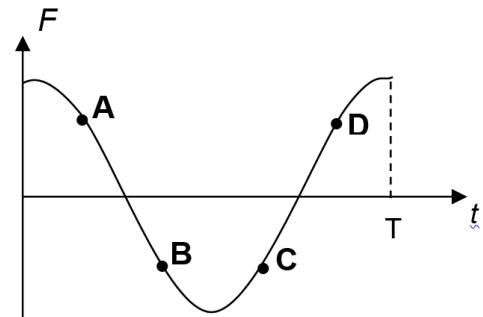


Fig. 11.2

Which of the points in **Fig. 11.2** corresponds to the state of motion represented by point P in **Fig. 11.1**?