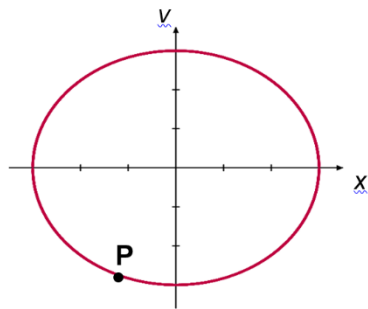
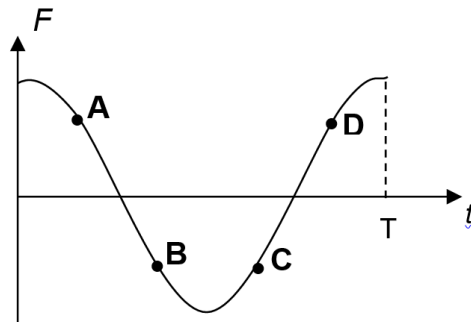


- 11 **Fig. 11.1** shows the variation with displacement  $x$  of the velocity  $v$  of a simple harmonic oscillator. **Fig. 11.2** shows the variation with time  $t$  of the net force  $F$  acting on the oscillator.



**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**?