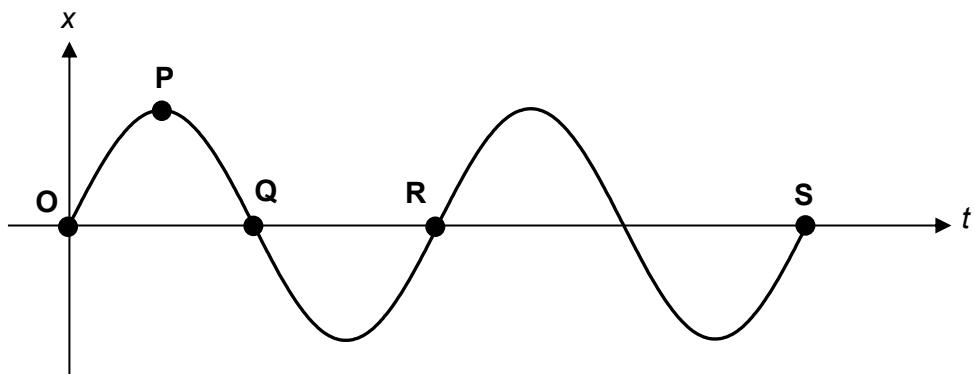


- 13 The graph below shows the variation with time  $t$  of the displacement  $x$  of a particle on a progressive wave.



Which statement below is true?

- A OS represents two wavelengths.
- B At P, the acceleration of the particle is zero.
- C The phase difference between Q and R is  $180^\circ$ .
- D The kinetic energy of the particle is higher when it is at Q than when it is at R.