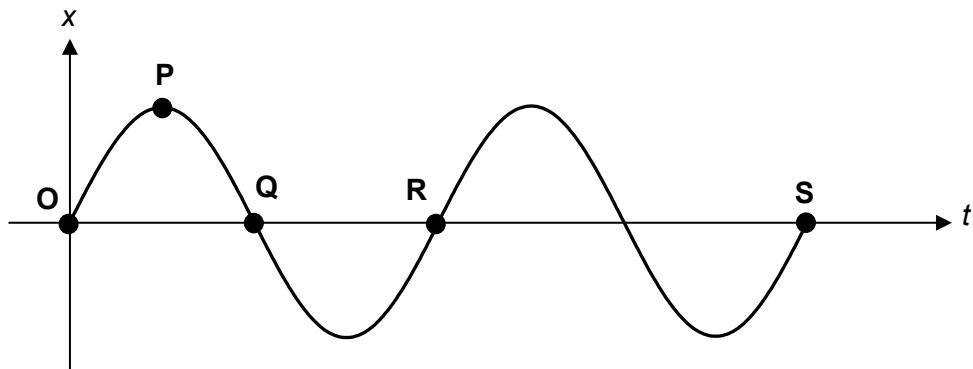


- 11 The graph below shows the variation with time t of the displacement x of a particle on a progressive wave.



Which statement below is true?

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