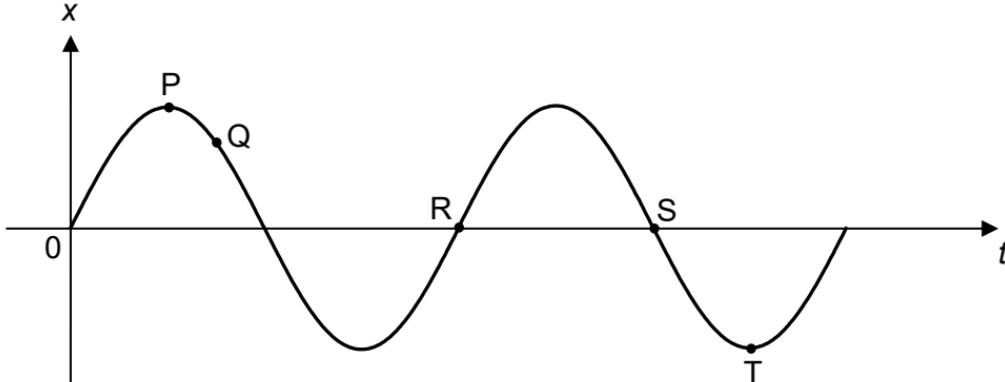


- 16 The graph below shows the variation with time t of the displacement x of a simple harmonic oscillator oscillating horizontally.



Which statement is correct?

- A The phase difference between P and S is $\frac{\pi}{2}$ rad.
- B The acceleration at T is zero.
- C The potential energy of the oscillator is larger at Q compared to T.
- D The kinetic energy of the oscillator is larger at Q compared to R.

- 17 The diagram below shows three polarizers W, X and Y.