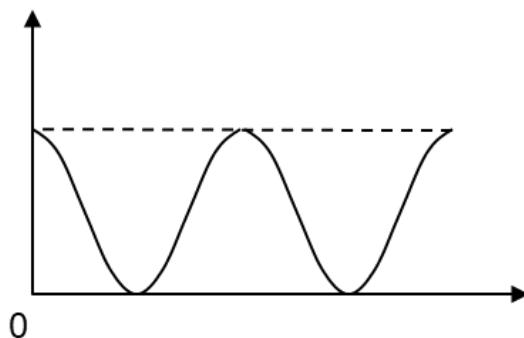


- 15** The diagram shows one possible graph for an object undergoing simple harmonic motion.



Which quantities could have been plotted to produce this graph?

- A** velocity vs time
- B** potential energy vs time
- C** acceleration vs displacement
- D** kinetic energy vs displacement