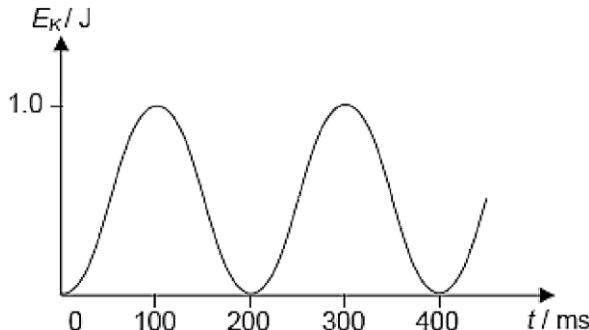


- 15** A particle of a mass of 90.0 g undergoes simple harmonic motion. The graph below shows the variation of its kinetic energy, E_K with time, t .



What is the maximum acceleration of the particle?

- A** 0.074 m s^{-2} **B** 0.148 m s^{-2} **C** 37 m s^{-2} **D** 74 m s^{-2}