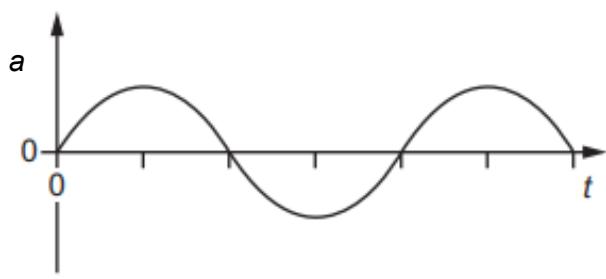


**14** An undamped oscillator is executing simple harmonic motion.

A graph of the acceleration  $a$  against time  $t$  for this oscillator is shown.



Which graph shows the variation of the kinetic energy  $E$  of the oscillator with time  $t$ ?

