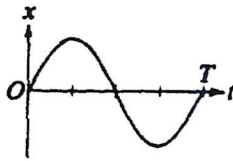
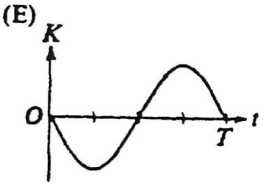
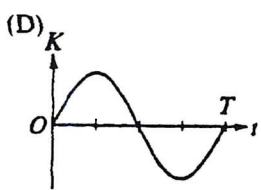
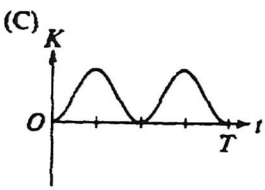
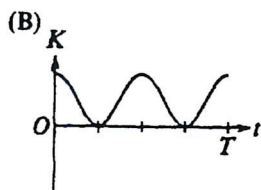
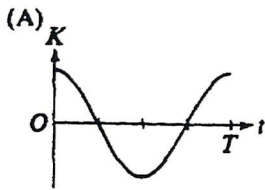


Questions 18-19 refer to the graph below of the displacement x versus time t for a particle in simple harmonic motion.



18. Which of the following graphs shows the kinetic energy K of the particle as a function of time t for one cycle of motion?



19. Which of the following graphs shows the kinetic energy K of the particle as a function of its displacement x ?

