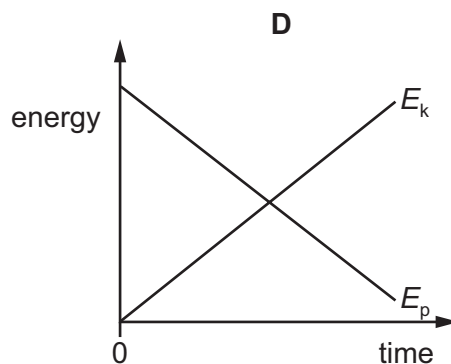
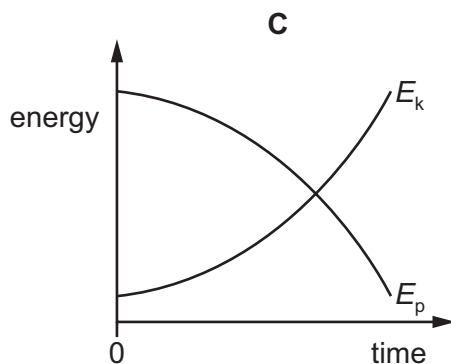
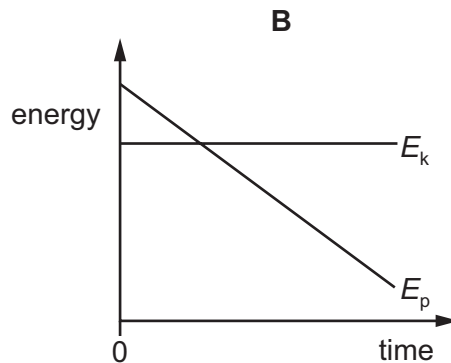
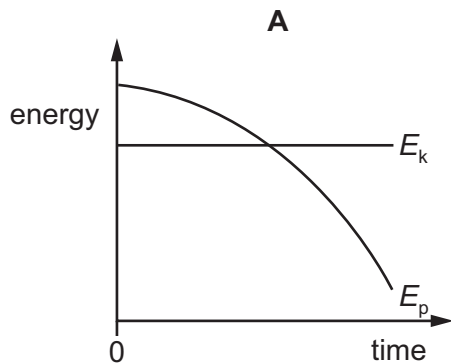


**20** A steel ball is falling at constant speed in oil.

Which graph shows the variation with time of the gravitational potential energy  $E_p$  and the kinetic energy  $E_k$  of the ball?



**21** When a force of  $0.20\text{ N}$  is applied to a spring, the length of the spring is  $20\text{ cm}$ .