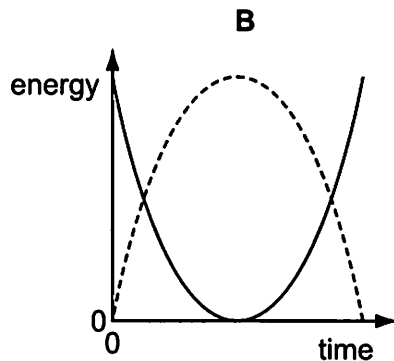
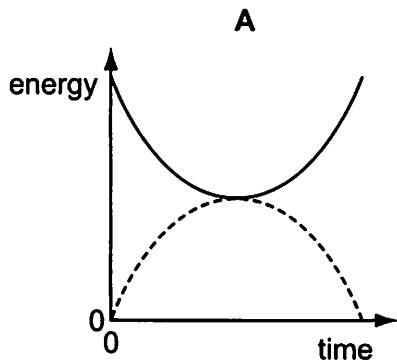
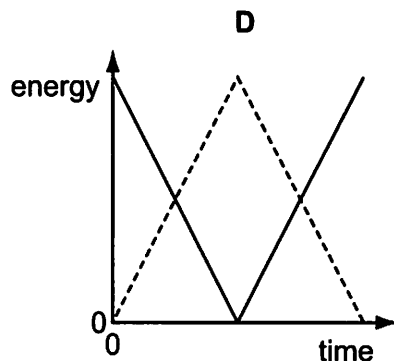
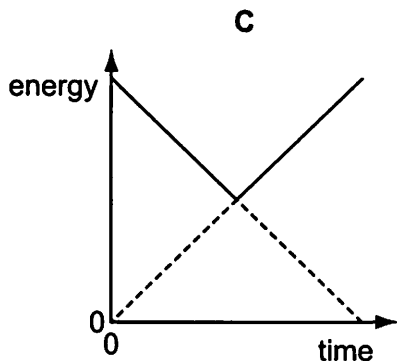


13 A golfer hits a golf ball so that it leaves the club at an angle of 45° to the horizontal.

Which graph represents the variation of kinetic energy and of gravitational potential energy of the ball during the time of flight? Assume that air resistance can be ignored.



key
 — kinetic energy
 ---- gravitational potential energy



14 A stone of mass 0.5 kg is thrown upwards with an initial speed of 15 m s^{-1} . Assume that air resistance can be ignored.