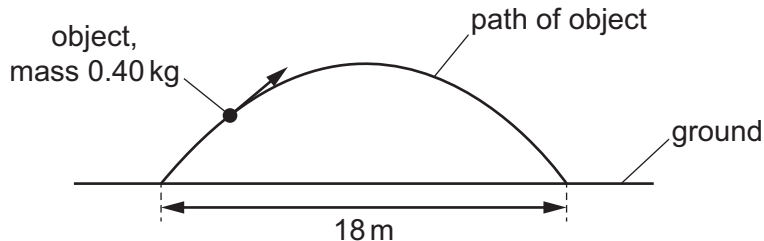**17** An object of mass 0.40 kg is projected into the air and follows a curved path above horizontal ground.

The object takes a time of 1.5 s to move along its path. The object lands a horizontal distance of 18 m from its initial position. Air resistance is negligible.

What is the kinetic energy of the object at its maximum height?

A   0 J   **B**   2.4 J   **C**   11 J   **D**   29 J