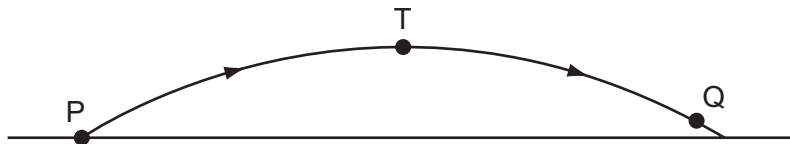**9** In the absence of air resistance, a stone is thrown from P and follows a parabolic path in which the highest point reached is T. The stone reaches point Q just before landing.

The vertical component of acceleration of the stone is

A zero at T.

B larger at T than at Q.

C larger at Q than at T.

D the same at Q as at T.

Space for working