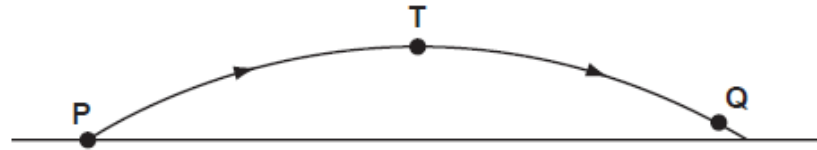**4** In the absence of air resistance, a stone is thrown from **P** and follows a parabolic path in which the highest point reached is **T**. The stone reaches point **Q** just before landing.

The vertical component of acceleration of the stone is

A zero at **T**.

B greatest at **T**.

C greatest at **Q**.

D the same at **Q** as at **T**.