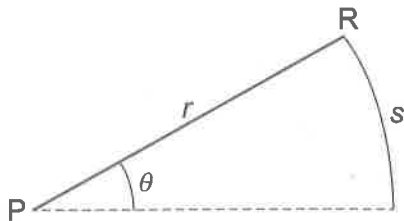**17** A rod PR of length r is turned about the point P through an angle θ.

The end R of the rod moves through a distance s along the arc of the circle of radius r. Both s and r are measured in metres.

What is the angle θ, expressed in radians?

A s/r **B** $360s/2\pi r$ **C** r/s **D** $2\pi r/360s$