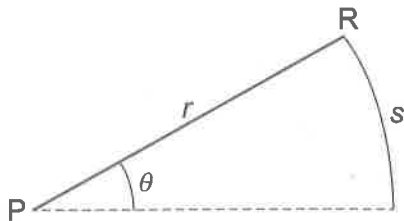


- 17 A rod PR of length r is turned about the point P through an angle θ .



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 $2\pi r/360s$

- 18 An oscillating pendulum bob of mass m and weight W is supported by a string of length r .