

IIT JEE - MATHS - FOUNDATION PROBLEM

IF FROM A CIRCULAR SHEET OF RADIUS "10cm ", A SECTOR OF AREA ' 40% ' IS REMOVED AND THE REMAINING IS USED TO MAKE A CONICAL SURFACE , THEN THE ANGLE AT THE VERTEX WILL BE _____

A] $\sin^{-1} 4/5$

B] $\sin^{-1} 3/5$

✓ c] $2\sin^{-1} 3/5$

d] $2\sin^{-1} 4/5$

