

Mathematics Department

Grade : 11 General

9 Inverse Trigonometric Functions

Teacher: Jisha

1. Find $\arcsin 1$

A. 90°

B. 30°

C. 60°

D. 45°

E. 0°

2. The value of $\cos^{-1}\left(-\frac{\sqrt{3}}{2}\right)$ is

A. $-\frac{5\pi}{6}$

B. $\frac{5\pi}{6}$

C. $\frac{\pi}{6}$

D. $-\frac{\pi}{6}$

3. $\tan(\cos^{-1}(-1)) =$

A. Undefined

B. 1

C. $\frac{1}{2}$

D. 0

4. $\tan\left(\sin^{-1}\frac{3}{5}\right) = ?$

A. $\frac{2}{3}$

B. $\frac{1}{2}$

C. $\frac{3}{4}$

D. $\frac{3}{5}$