

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. $\frac{3}{5}$