

ECAT Mathematics Chapter 15 Inverse Trigonometric Functions Online Test

Sr	Questions	Answers Choice
1	Question Image	A. <i>π</i> / 3 B. <i>π</i> / 2 C. <i>π</i> / 6 D. <i>π</i>
2	If $2 \tan^{-1}(\cos x) = \tan^{-1}(\operatorname{cosec}^2 x)$, then x is equal to	
3	Question Image	A. 1 B. -1 C. 0 D. None of these
4	The value of $\sin [\arccos (-1/2)]$ is	
5	$\tan^{-1}(1/4) + \tan^{-1}(2/9)$ is equal to	A. $\frac{1}{2} \cos^{-1} \frac{3}{5}$ B. $\frac{1}{2} \sin^{-1} \frac{3}{5}$ C. $\frac{1}{2} \tan^{-1} \frac{3}{5}$ D. $\tan^{-1} \frac{1}{2}$
6	Question Image	
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28	Question Image	A. 0 B. -1 C. 1/2 D. 1
29	Question Image	
30	Question Image	