

Mathematics ECAT Pre Engineering 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	
7	Question Image	
8	Question Image	
9	Question Image	
10	Question Image	
11	Question Image	
12	Question Image	
13	Question Image	
14	Question Image	
15	Question Image	
16	Question Image	
17	Question Image	
18	Question Image	
19	Question Image	
20	Question Image	
21	Question Image	

22	Question Image	
23	Question Image	
24	Question Image	
25	Question Image	
26	Question Image	
27	Question Image	
28	Question Image	A. 0 B. -1 C. 1/2 D. 1
29	Question Image	
30	Question Image	