

## 11th Class ICS Mathematics Chapter 13 Test Online

Sr	Questions	Answers Choice
1	$\tan^{-1}(-\sqrt{3})$ is:	
2	Question Image	
3	$\cos(\tan^{-1}\infty) =$	A. 0 B. $\infty$ C. 1
4	$\tan(\pi + \cot^{-1}x) =$	A. x B. $\pi+x$ C. $\pi-x$ D. none of these
5	$\tan(\pi + \tan^{-1}x) =$	A. $1 - 2x^{<sup>2</sup>}$ B. $1 + 2x^{<sup>2</sup>}$ C. $2x^{<sup>2</sup>} - 1$ D. $x^{<sup>2</sup>} - 1$
6	$\cos(2\sin^{-1}x) =$	
7	Question Image	A. 0
8	Question Image	
9	Question Image	
10	Question Image	
11	Question Image	
12	Question Image	A. x-axis B. y-axis C. $y = x$ D. $y = -x$
13	The range of $y = \cos^{-1}x$ function is:	
14	The domain of $y = \cos^{-1}x$ function is:	
15	The range of $y = \sin^{-1}x$ is:	
16	The domain of $y = \sin^{-1}x$ is:	
17	Range of the function $y = \tan^{-1}x$ is:	
18	$\tan^{-1}(-x) =$	A. $\tan^{-1}x$ B. $\cot^{-1}x$ C. $-\tan^{-1}x$ D. $-\cot^{-1}x$
19	$\cos^{-1}(-x) =$	A. $\pi + \cos^{-1}x$ B. $\pi - \cos^{-1}x$ C. $\pi + \sin^{-1}x$ D. $\pi - \sin^{-1}x$
20	$\sin^{-1}(-x) =$	A. $-\sin^{-1}x$ B. $\sin^{-1}x$ C. $\pi + \cos^{-1}x$ D. $-\cos^{-1}x$