

11th Class ICS Mathematics Chapter 13 Test Online

Sr	Questions	Answers Choice
1	$\sin^{-1}(-x) =$	A. $-\sin^{-1} x$ B. $\sin^{-1} x$ C. $\pi + \cos^{-1} x$ D. $-\cos^{-1} x$
2	The domain of $y = \cos^{-1} x$ function is:	
3	If $f(x) = \arccos x$, then:	
4	The range of principal cosine function is:	
5	The domain of principal sine function is:	
6	Question Image	A. x-axis B. y-axis C. $y = x$ D. $y = -x$
7	The graph of $x = \sin y$ is obtained by reflecting the graph of $y = \sin x$ about the line:	A. x axis B. y axis C. $y = x$ D. $y = -x$
8	$\tan(\pi + \cot^{-1} x) =$	
9	The range of $y = \cos^{-1} x$ function is:	
10	$\cos(\tan^{-1} \infty) =$	A. 0 B. ∞ C. 1
11	Question Image	A. 0
12	$\cos(2\sin^{-1} x) =$	A. $1 - 2x^2$ B. $1 + 2x^2$ C. $2x^2 - 1$ D. $x^2 - 1$
13	$\tan^{-1}(-\sqrt{3})$ is:	
14	$\cos^{-1}(-x) =$	A. $\pi + \cos^{-1} x$ B. $\pi - \cos^{-1} x$ C. $\pi + \sin^{-1} x$ D. $\pi - \sin^{-1} x$
15	The domain of principal tangent function is:	
16	Question Image	
17	Question Image	
18	Domain of the function $y = \tan^{-1} x$ is:	
19	Question Image	
20	Question Image	A. $\cos x$ B. $\sec x$