

11th Class ICS Mathematics Chapter 13 Test Online

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