

11th Class FSC Mathematics Chapter 13 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. $\tan x$ B. $\cot x$
2	Question Image	A. $\cos x$ B. $\sec x$
3	Question Image	A. $\sin x$ B. $\operatorname{cosec} x$
4	If $f(x) = \arccos x$, then:	
5	$y = \tan^{-1} x$ if and only if $x = \tan y$, where:	A. $-1 \leq x \leq 1$ and $-\pi \leq y \leq \pi$
6	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. $y = -x$
7	$y = \sin^{-1} x$ if and only if $x = \sin y$, where:	
8	Inverse sine function is written as:	A. $(\sin x)^{-1}$ B. $\sin x^{-1}$ C. $\arcsin x$ D. $\arcsin^{-1} x$
9	Domain of the function $y = \tan^{-1} x$ is:	
10	The range of principal tangent function is:	
11	The domain of principal tangent function is:	
12	The range of principal cosine function is:	
13	The domain of principal cosine function is:	
14	The range of principal sine function is:	
15	The domain of principal sine function is:	
16	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. $y = -x$
17	If x is positive or zero, then the principal value of any inverse function of x , if it exists lies in the interval:	