11th Class FA Mathematics Chapter 13 Online Test

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. cosec x
4	If f(x) = arccos x, then:	
5	y = tan-1 x if and only if x = tan y, where:	A. -1 < x < 1 and - π < y < π
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. arc sinx D. arc sin⁻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:	