11th Class ICS Mathematics Test Online

Sr	Questions	Answers Choice
1	Question Image	A. x-axis B. y-axis C. y = x D. y = -x
2	The range of $y = \cos^{-1} x$ function is:	
3	The domain of $y = \cos^{-1} x$ function is:	
4	The range of $y = \sin^{-1} x$ is:	
5	The domain of $y = \sin^{-1} x$ is:	
6	Range of the function $y = \tan^{-1} x$ is:	
7	$\tan^{-1} (-x) =$	A. tan⁻¹x B. cot⁻¹x C. -tan⁻¹x D. -cot⁻¹x
8	$\cos^{-1} (-x) =$	A. π + cos⁻¹ x B. π - cos⁻¹x C. π + sin⁻¹x D. π - sin⁻¹x
9	$\sin^{-1} (-x) =$	A. -sin⁻¹ x B. sin⁻¹x C. π + cos⁻¹x D. -cos⁻¹x
10	Question Image	A. tan x B. cot x
11	Question Image	A. cos x B. sec x
12	Question Image	A. sin x B. cosec x
13	If f(x) = arccos x, then:	
14	y = tan-1 x if and only if x = tan y, where:	A. -1 < x < 1 and - π < y < π
15	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
16	$y = \sin^{-1} x$ if and only if x = sin y, where:	
17	Inverse sine function is written as:	A. (sin x)⁻¹ B. sin x⁻¹ C. arc sinx D. arc sin⁻¹ x
18	Domain of the function $y = \tan^{-1} x$ is:	
19	The range of principal tangent function is:	
20	The domain of principal tangent function is:	