

Mathematics Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	If $f(x) = \arccos x$, then:	
2	$y = \tan^{-1} x$ if and only if $x = \tan y$, where:	A. $-1 < x < 1$ and $-\pi < y < \pi$
3	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. $y = -x$
4	$y = \sin^{-1} x$ if and only if $x = \sin y$, where:	
5	Inverse sine function is written as:	A. $(\sin x)^{-1}$ B. $\sin x^{-1}$ C. $\arcsin x$ D. $\arcsin^{-1} x$
6	Domain of the function $y = \tan^{-1} x$ is:	
7	The range of principal tangent function is:	
8	The domain of principal tangent function is:	
9	The range of principal cosine function is:	
10	The domain of principal cosine function is:	
11	The range of principal sine function is:	
12	The domain of principal sine function is:	
13	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. $y = -x$
14	If x is positive or zero, then the principal value of any inverse function of x , if it exists lies in the interval:	
15	$r_3 =$	
16	$r_2 =$	
17	$r_1 =$	
18	Question Image	
19	Question Image	A. r_1 B. r_2 C. r_3 D. r
20	Question Image	