

Mathematics Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	$\tan(\pi + \cot^{-1}x) =$	
2	$\tan(\pi + \tan^{-1}x) =$	A. x B. $\pi+x$ C. $\pi-x$ D. none of these
3	$\cos(2\sin^{-1}x) =$	A. $1 - 2x^2$ B. $1 + 2x^2$ C. $2x^2 - 1$ D. $x^2 - 1$
4	Question Image	A. 0
5	Question Image	
6	Question Image	
7	Question Image	
8	Question Image	
9	Question Image	A. x-axis B. y-axis C. $y = x$ D. $y = -x$
10	The range of $y = \cos^{-1}x$ function is:	
11	The domain of $y = \cos^{-1}x$ function is:	
12	The range of $y = \sin^{-1}x$ is:	
13	The domain of $y = \sin^{-1}x$ is:	
14	Range of the function $y = \tan^{-1}x$ is:	
15	$\tan^{-1}(-x) =$	A. $\tan^{-1}x$ B. $\cot^{-1}x$ C. $-\tan^{-1}x$ D. $-\cot^{-1}x$
16	$\cos^{-1}(-x) =$	A. $\pi + \cos^{-1}x$ B. $\pi - \cos^{-1}x$ C. $\pi + \sin^{-1}x$ D. $\pi - \sin^{-1}x$
17	$\sin^{-1}(-x) =$	A. $-\sin^{-1}x$ B. $\sin^{-1}x$ C. $\pi + \cos^{-1}x$ D. $-\cos^{-1}x$
18	Question Image	A. $\tan x$ B. $\cot x$
19	Question Image	A. $\cos x$ B. $\sec x$
20	Question Image	A. $\sin x$ B. $\cosec x$