

ECAT Mathematics Chapter 13 Trigonometric Functions and their Graphs Online Test

Sr	Questions	Answers Choice
1	Period of $\tan x$ is _____	
2	Period of $\cos x$ is _____	
3	Period of $\sin x$ is _____	
4	Range of $\cot x$ is _____	A. $[-1, 1]$ B. \mathbb{R} C. Negative real numbers D. $\mathbb{R} - \{x \mid -1 < x < 1\}$
5	Range of $\tan x$ is _____	A. $[-1, 1]$ B. \mathbb{R} C. Negative real numbers D. $\mathbb{R} - \{x \mid -1 < x < 1\}$
6	Range of $\sec x$ is _____	A. $[-1, 1]$ B. \mathbb{R} C. Negative real numbers D. $\mathbb{R} = \{x \mid -1 < x < 1\}$
7	Range of $\cos x$ is _____	A. $[-1, 1]$ B. \mathbb{R} C. Negative real numbers D. $\mathbb{R} - \{x \mid -1 < x < 1\}$
8	Range of cosec x is _____	A. $\{-1, 1\}$ B. \mathbb{R} C. Negative real numbers D. $\mathbb{R} - \{x \mid -1 < x < 1\}$
9	Range of $\sin x$ is _____	A. $[-1, 1]$ B. \mathbb{R} C. Negative real numbers D. None of these
10	Domain of $\cot x$ is _____	
11	Domain of $\tan x$ is _____	
12	Domain of $\sec x$ is _____	
13	Domain of $\cos x$ is _____	
14	Domain of cosec x is _____	
15	Domain of $\sin x$ is _____	
16	graph of trigonometric function $y = \sec x$ does not meet	A. x -axis B. y -axis C. both axis D. None of these
17	graph of sine function is bounded between lines	A. $y \pm 1 = 0$ B. $x \pm 1 = 0$ C. $x \pm y = 0$ D. None of these
18	The number of x -intercepts of $y = \sin x$ in his period	A. 0 B. 1 C. 2 D. 3
19	The period of the trigonometric function $y = \sin x \cos x$ is	A. 2π B. π C. 4π D. $\pi/2$