

ECAT Mathematics Chapter 13 Trigonometric Functions and their Graphs Online Test

Sr	Questions	Answers Choice
1	What is the period of $5 \cot x$?	A. π B. $-\pi$ C. $\pi/2$ D. 2π
2	Range of $\sin \theta$ is	
3	The period of $ \sin 2x $ is	A. $\pi/2$ B. $-\pi/2$ C. π D. $\pi/3$
4	The period of $\cot 8x$ is	A. $\pi/10$ B. $9\pi/7$ C. $\pi/9$ D. $\pi/8$
5	Period of $\sin x$ is	
6	Period of Sine and Cosine function is	A. <i>π</i> B. <i>2π</i> C. <i>π</i> D. <i>2π</i>
7	Range of $\operatorname{cosec} \theta$ is	A. $W - \{y \mid -1 \leq y \leq 1\}$ B. $R - \{y \mid -1 \leq y \leq 1\}$ C. $O - \{y \mid -1 \leq y \leq 1\}$ D. R
8	Domain of $\tan x$ is _____	
9	Period of $\sin 3x$ is _____	
10	Question Image	
11	The period of $\tan x/7$ is	A. 3π B. 7π C. 15π D. 5π
12	Domain of $\operatorname{cosec} \theta$ is	
13	The period of $ \sin 2x $ is	A. $\pi/2$ B. $-\pi/2$ C. π D. $\pi/3$
14	The period of $\sin x/2 = \cos x/3$ is	A. 2π B. 12π C. 13π D. 7π
15	Period of $\tan x$ is _____	

16	Question Image	
17	The range of $y = \sin x$ is _____	A. [1, -1] B. [-1, 1] C. [0, -1] D. [-<i>∞</i>+<i>∞</i>]
18	The function sine and Cosine have the closed interval as their range	A. [1, 0] B. [-1, 1] C. [0, 1] D. [-1, 2]
19	Domain of $\cos x$ is _____	
20	Range of $\cos x$ is _____	A. [-1, 1] B. R C. Negative real numbers D. $R - \{x \mid -1 \leq x \leq 1\}$