

## 11th Class ICS Mathematics Chapter 11 Test Online

Sr	Questions	Answers Choice
1	Graphs of trigonometric function within their domains are:	A. line segments B. sharp corners C. broken lines D. smooth curves
2	Period of a trigonometric function is:	A. any real number B. any negative real number C. any integer D. a least positive number
3	A function $f(x)$ is said to be the periodic function if, for all $x$ in the domain of $f$ , there exists a smallest positive number $p$ such that $f(x + p) =$ _____:	A. $f(p)$ B. $x + p$ C. 0 D. $f(x)$
4	If, for all $x$ in the domain of $f$ , there exists a smallest positive number $p$ such that $f(x+p) = f(x)$ , then $p$ is the:	A. period of $f$ B. period of $2f$ C. period of $3f$ D. period of $4f$
5	The amplitude and period of $3 \sin x$ are:	A. 3, $\pi$ B. 2, $2\pi$ C. 3, $3\pi$ D. 3, $2\pi$
6	Amplitude of $\sin x$ is:	A. R B. $[-1, 1]$ C. 0 D. 1
7	The period of $\sin 2x$ is:	A. $\pi$ B. $2\pi$ C. $3\pi$
8	The period of $2 - \sin 3x$ is:	
9	Question Image	
10	Question Image	
11	Question Image	
12	The period of $\cos 2x$ is:	
13	Question Image	
14	The period of $2 + \cos 3x$ is:	
15	Question Image	B. $10\pi$
16	The period of $\tan x$ is:	
17	The period of $\tan 2x$ is:	
18	The period of $\tan 3x$ is:	
19	Question Image	
20	Question Image	
21	The period of $\sec x$ is:	
22	The period of $\sec 2x$ is:	
23	The period of $\sec 3x$ is :	
24	Question Image	
25	Question Image	
26	The period of $\operatorname{cosec} 3x$ is:	

27	<div>Question Image</div>
28	The period of $\cot x$ is:
29	The period of $\cot 2x$ is:
30	<div>Question Image</div>
31	<div>Question Image</div>