

## 11th Class FA Mathematics Chapter 11 Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	The period of $2 - \sin 3x$ is:	
5	The period of $\sin 2x$ is:	A. $\pi$ B. $2\pi$ C. $3\pi$
6	Amplitude of $\sin x$ is:	A. R B. $[-1, 1]$ C. 0 D. 1
7	The amplitude and period of $3 \sin x$ are:	A. 3, $\pi$ B. 2, $2\pi$ C. 3, $3\pi$ D. 3, $2\pi$
8	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 $4f$
9	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. $f(x)$
10	Period of a trigonometric function is:	A. any real number B. any negative real number C. any integer D. a least positive number
11	Graphs of trigonometric function within their domains are:	A. line segments B. sharp corners C. broken lines D. smooth curves