

## 11th Class FA Mathematics Chapter 9 Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	$-72^\circ =$ _____:	D. none of these
3	The angle between $0^\circ$ and $360^\circ$ and co-terminal with $-620^\circ$ is:	A. $100^\circ$ B. $200^\circ$ C. $300^\circ$ D. $320^\circ$
4	The quadrant of an angle $\Theta$ is determined by its:	A. sign B. value C. ratio D. magnitude
5	The direction of an angle $\Theta$ is determined by its:	A. value B. magnitude C. ratio D. sign
6	If $s$ denotes the length of the arc intercepted on a circle of radius $r$ by a central angle of $\alpha$ radians, then:	A. $s = r\alpha$ B. $s = r + \alpha$ D. none of these
7	In a circle of radius $r$ , an arc of length $kr$ will subtend in angle of _____ radians at the center:	A. $s$ B. $k$ C. $r$ D. $\Theta$
8	The area of a sector of a circular region of radius $r$ with length of the arc of the sector equal to $s$ is-----:	A. $r\Theta$ B. $rs$
9	In circular system the angle is measured in:	A. radians B. degrees C. degrees, minutes D. degrees, seconds
10	The system of measurement in which the angle is measured in degrees, and its sub-units, minutes and seconds is called the:	A. circular system B. sexagesimal system C. decimal system D. degree system