

## 11th Class FA Mathematics Chapter 10 Online Test

Sr	Questions	Answers Choice
1	Question Image	A. $-\cot\Theta$ B. $-\tan\Theta$ <b>C. <math>\tan\Theta</math></b> D. none of these
2	Question Image	<b>D. none of these</b>
3	Question Image	A. quad. I B. quad. II <b>C. quad. III</b> D. quad. IV
4	Question Image	<b>A. quad I</b> B. quad. II C. quad. III D. quad. IV
5	$\sin(\Theta - \pi) =$	
6	$\tan(294^\circ) =$	A. $\tan 24^\circ$ <b>B. <math>-\tan 24^\circ</math></b> C. $\cot 24^\circ$ D. $-\cot 24^\circ$
7	A reference angle $\Theta$ is always:	
8	The angles $90^\circ \pm \Theta$ , $180^\circ \pm \Theta$ , $270^\circ \pm \Theta$ , $360^\circ \pm \Theta$ , are the:	A. composite angles B. half angles C. quadrantal angles <b>D. allied angles</b>
9	Question Image	
10	$\tan(\alpha + \beta) =$	
11	$\tan(\alpha - \beta) =$	
12	$\cos(\alpha - \beta) =$	<b>A. <math>\cos \alpha \cos \beta + \sin \alpha \sin \beta</math></b> B. $\cos \alpha \cos \beta - \sin \alpha \sin \beta$ C. $\cos \alpha \cos \beta + \sin \alpha \cos \beta$ D. $\sin \alpha \cos \beta - \sin \alpha \sin \beta$
13	$\sin(\alpha - \beta) =$	
14	$\sin(\alpha + \beta) =$	
15	The distance between the points P(x <sub>1</sub> , y <sub>1</sub> ) and Q(x <sub>2</sub> , y <sub>2</sub> ) is:	