

11th Class ICS Mathematics Chapter 10 Test Online

Sr	Questions	Answers Choice
1	$2 \cos \alpha \cos \beta =$	A. $\sin (\alpha + \beta) - \sin (\alpha - \beta)$ B. $\cos (\alpha + \beta) - \cos (\alpha - \beta)$ C. $\cos (\alpha + \beta) + \cos (\alpha - \beta)$ D. $\sin (\alpha + \beta) + \sin (\alpha - \beta)$
2	$\tan (\alpha - \beta) =$	
3	Question Image	
4	Question Image	A. $1 + \cos \Theta$ B. $1 - \cos \Theta$
5	$\sec (2\pi + \Theta)$, where Θ is a basic angle will have terminal side in:	A. quad. I B. quad. II C. quad. III D. quad. IV
6	Question Image	
7	Question Image	A. quad. I B. quad. II C. quad. III D. quad. IV
8	$\tan (-135^\circ) =$	A. 0 B. 1 D. $\sqrt{2}$
9	Question Image	A. quad. I B. quad. II C. quad. III D. quad. IV
10	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 D. allied angles
11	Question Image	A. $-\cot \Theta$ B. $-\tan \Theta$ C. $\tan \Theta$ D. none of these
12	Question Image	D. none of these
13	$\sin (\Theta - \pi) =$	
14	Question Image	
15	$\tan (270^\circ + \Theta)$ is equal:	A. $\cot \Theta$ B. $\tan \Theta$ C. $-\cot \Theta$ D. $-\tan \Theta$
16	$-2 \sin \alpha \sin \beta =$	A. $\sin (\alpha + \beta) + \sin (\alpha - \beta)$ B. $\cos (\alpha + \beta) + \cos (\alpha - \beta)$ C. $\cos (\alpha + \beta) - \cos (\alpha - \beta)$ D. $\cos (\alpha - \beta) + \cos (\alpha + \beta)$
17	The distance between the points $P(x_1, y_1)$ and $Q(x_2, y_2)$ is:	
18	$\sin 5\Theta + \sin 3\Theta$ is equal to:	A. $2 \cos 2\Theta \sin \Theta$ B. $-2 \cos 4\Theta \sin \Theta$ C. $-2 \sin 4\Theta \cos \Theta$ D. $2 \sin 4\Theta \cos \Theta$
19	Question Image	
20	If an angle α is allied to an angle β , then $\alpha \pm \beta =$ _____:	A. 90° B. multiple of 90° C. 180° D. multiple of 180°

