11th Class FA Mathematics Chapter 10 Online Test

Sr	Questions	Answers Choice
1	Question Image	A. quad. I B. quad. II C. quad. III D. quad. IV
2	A reference angle Θ is always:	
3	2 cos α sin ß =	A. cos (α + ß) + cos (α - ß) B. sin (α + ß) + sin (α - ß) C. sin (α + ß) - sin (α - ß) D. cos (α + ß) + cos (α - ß)
4	Cot1°, Cot2°, Cot3°, ... Cot89° =	A. -1 B. 1 C. ∞ D. none
5	Question Image	
6	Question Image	
7	tan (α - ß) =	
8	sin5Θ + sin3Θ is equal to:	A. 2cos 2Θ sin Θ B. -2 cos 4Θ sin Θ C. -2 sin 4Θ cos Θ D. 2 sin 4Θ cos Θ
9	Tan (294°) =	A. tan24° B. -tan24° C. cot24° D. -cot24°
10	csc (2π - Θ), where Θ is a basic angle, will have terminal side in:	A. quad. I B. quad. II C. quad. III D. quad. IV
11	Question Image	A. quad I B. quad. II C. quad. III D. quad. IV
12	Question Image	A. 1 + cos Θ B. 1 - cos Θ
13	Question Image	
14	cos (α-ß) =	A. cos α cos ß + sin α sin ß B. cos α cos ß - sin α sin ß C. cos α cos ß + sin α cos ß D. sin α cos ß - sin α sin ß
15	The distance between the points P(x1, y1) and Q(x2, y2) is:	
16	sin (Θ - π) =	
17	Question Image	
18	2 cos α cos ß =	A. sin (α + ß) - sin (α - ß) B. cos (α + ß) - cos (α - ß) C. cos (α + ß) + cos (α - ß) D. sin (α + ß) + sin (α - ß)
19	tan (270° + Θ) is equal:	A. cot Θ B. tan Θ C. -cot Θ D. -tan Θ
20	Question Image	