Mathematics Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	If the initial side of an angle is the positive x-axis and the vertex is at the origin, the angle is said to be in the _____:	A. initial position B. finalposition C. normalposition D. standardposition
2	Which one is not a quadrant angle ?	A. 0° B. 90° C. 280° D. 270°
3	Which one is a quadrant angle ?	A. 60° B. 180° C. 120° D. 30°
4	In a triangle if α > 45°, ß > 30° then Γ cannot be:	A. 90° B. 100° C. 120° D. 10°
5	If sinΘ <0, cosΘ<0 then the terminal arm of the angle lies in quadrant:	A. I B. II C. III D. IV
6	If sin α < 0 and cos α > 0, then α lies in:	A. I B. II C. III D. IV
7	If cosec Θ > 0 and cot Θ < 0, then terminal arm of the angle lies in:	A. I B. II C. III D. IV
8	If tan Θ > 0 and sin Θ < 0 then terminal arm of the angle lies in quadrant:	A. I B. II C. III D. IV
9	Question Image	A. 30° B. 45° C. 60° D. 75°
10	180° = _____:	D. π radians
11	1° is equal to:	
12	1 radian is equal to:	C. 180° D. none of these
13	To convert any angle in radians into degrees, we multiply the measure by:	
14	To convert any angle in degrees into radians, we multiply the measure by:	
15	The number of radius in the angle subtended by an arc of a circle at the center =	A. radius × arc B. radius - arc
16	Question Image	
17	Question Image	
18	- 72° = _____:	D. none of these
19	The angle between 0° and 360° and co-terminal with - 620° is:	A. 100° B. 200° C. 300° D. 320°
20	The quadrant of an angle Θ is determined by its:	A. sign B. value C. ratio