Introduction to Trigonometry

Sr	Questions	Answers Choice
1	If the rotation of the ray is clock wise, the angle has _____ measure:	A. Degree B. Negative C. Positive D. Standard
2	The length of a tangent to a circle is from the given point to the point of:	A. start point B. enc points C. contact D. collinear
3	A circle of radius 'r' has area:	A. πr² B. 2πr C. 2πr² D. 1/2πr
4	tanθ,cotθ=	A. Sinθ B. Sec θ C. 1 D. 0
5	1 minute = _____ degree	A. 1/60 B. 60 C. 1/3600 D. 3600
6	$Cosec^2\theta-cot^2\theta$ =.....	A. -1 B. 1 C. 0 D. tanθ
7	In which quadrate all trigonometric ration are positive?	A. I B. II C. III D. IV
8	Angles between 0^o and 90^o are to which quadrant?	A. I B. II C. III D. IV
9	An angle which is equal to 90° is called:	A. right angle B. obtuse angle C. acute angle D. none of these
10	90 degree makes _____ right angle:	A. 2 B. 4 C. 1 D. 3
11	Angles between 180^o and 270^o are to which quadrant?	A. I B. II C. III D. IV
12	If tanθ =√3 thenθ is equal to .	A. 30^o B. 45^o C. 60^o D. 90^o
13	1 radian is equal to:	A. 57°16'45" B. 57°17'45" C. 57°18'55" D. 57°17'35"
14	Sin (-310^o) = ...	A. Sin310^o B. -Sin310^o C. Cos310^o D. tan310^o
15	A straight line which cuts the circumference of a circle in two distinct points is called:	A. chord B. secant C. tangent D. sector

16	sinθ cosθ = ...	A. sinθ B. 1/cosθ C. 1/sinθ D. sinθ/cosθ
17	tan 30^{o}=.....	A. 1/2 B. √3/2 C. √3 D. 1/√3
18	20^{o}=	A. 360^o B. 630^o C. 1200^o D. 3600^o
19	The union of two non-collinear rays, which have common end point is called:	A. An angle B. Degree C. A minute D. A radian
20	A circle of radius 'r' has a circumference of:	A. πr2 B. 2πr C. 2πr2 D. 1/2πr