Introduction to Trigonometry

Sr	Questions	Answers Choice
1	The union of two non-collinear rays with common end point is called a/an:	A. Ray B. Side C. Angle D. Vertx
2	In a circle, the tangents drawn at the ends of a chord make equal _with that chord	A. square B. angle C. cube D. circle
3	The D° M' S" form of 32.25° is:	A. 32°05' B. 32°10' C. 32°15' D. 32°20'
4	Cos 60^{o} =.....	A. 1/2 B. √3/2 C. 2 D. 2/√3
5	The _____of a given point on a line segment is the foot of perpendicular drawn from the point on that line segment.	A. position B. co terminal C. projection D. standard position
6	$Sec^{2}\theta$_____	A. 1-Sin²θ B. 1-tan²θ C. 1 + Cos²θ D. 1-tan²θ
7	Co sec 45^{o} = ...	A. 1 B. √2 C. 1/√2 D. 0
8	1/1+Sinθ+ 1/1- Sinθ	A. 2 Sec²θ B. 2 Cos²θ C. Sec²θ D. Cosθ
9	1/1+ sinθ + 1/1-sinθ	A. 2sec²θ B. 2 cos²θ C. Sec²θ D. cosθ<!--[endif]--><!--[endif]--><span style="font-size:16.0pt; line-height:107%;font-family:"Times New Roman",serif;mso-ascii-theme-font:major-bidi; mso-fareast-font-family:"Times New Roman";mso-fareast-theme-font:minor-fareast; mso-hansi-theme-font:major-bidi;mso-bidi-theme-font:major-bidi"><o:p></o:p>
10	$Sec^{2}\theta$ = ...	A. 1-Sin²θ B. 1+tan²θ C. 1+cos²θ D. 1-tan²θ
11	The symbol used to denote a minute is:	A. 1" B. 1' C. 1° D. 1""
12	Cos 30^{o} =.....	A. 1/2 B. √3/2 C. 2 D. 2/√3
13	$1+Cot^{2}\theta$	A. Sin²θ B. Cos²θ C. Cosec² θ

		D. Sec²θ
14	π radians = ...	A. 0^o B. 90^o C. 180^o D. 360^o
15	In a unit circle, cosθ = _____	A. y B. x C. y/x D. None of these
16	Cto 60^{o}=.....	A. 1/2 B. √3/2 C. √3 D. 1/√3
17	Question Image	
18	Question Image	
19	In which quadrant only Cosθ and Secθ are positive?	A. I B. II C. III D. IV
20	1/cosθ = ...	A. Sinθ B. Secθ C. Co secθ D. Cosθ