ECAT Mathematics Chapter 13 Trigonometric Functions & Their Graphs

Sr	Questions	Answers Choice
1	Period of Sine and Cosine function is	A. π B. 2π C. -π D. -2π
2	Domain of cot x is _____	
3	Range of sin$\theta$is	
4	Domain of cosec$\theta$is	
5	The period of 3 sin x is	A. 2π B. 9π C. 3π D. 5π
6	What is the period of sin 2x/3 cos 4x=?	A. π B. 2π C. π/2 D. π/3
7	The number of x-intercepts of y= sin x in his period	A. 0 B. 1 C. 2 D. 3
8	Range of cosec x is _____	A. {-1, 1} B. R C. Negative real numbers D. R - { x | - 1 < x < 1}
9	Range of cosec$\theta$is	A. W - {y | -1 < y < 1} B. R - {y | -1 < y < 1} C. O - {y | -1 < y < 1} D. R
10	What is the period of 6 sin x=?	A. π B. -π C. π/2 D. 2π
11	The Domain of y = sin x is _____	A. Set of real numbers B. Rational C. Irrational no. D. None of above
12	Period of sin 3x is _____	
13	Domain of sin x is _____	
14	Domain of cosec x is _____	
		A. sin□ B. tan□

15	2π is the period of	B. tan□ C. cot□ D. all circular function
16	Question Image	
17	Question Image	
18	Period of cosec x is _____	
19	Tangent is a periodic function and its period is _____	A. 2π B. 3π C. π D. 4π
20	Range of 3 sin x is _____	A. [-3, 3] B. [-1, 1] C. R D. None of these