ECAT Mathematics Chapter 13 Trigonometric Functions & Their Graphs

Sr	Questions	Answers Choice
1	What is the period of sin 2x/3 cos 4x=?	A. π B. 2π C. π/2 D. π/3
2	Range of sin x is _____	A. [-1, 1] B. R C. Negative real numbers D. None of these
3	Period of Sine and Cosine function is	A. π B. 2π C. -π D. -2π
4	2π is the period of	A. sin□ B. tan□ C. cot□ D. all circular function
5	Domain of cosecθ is	
6	The period of cosec 10x is _____	
7	The period of 2 cos x is	A. 30π B. 7π C. 5π D. 2π
8	Domain of cos x is _____	
9	The range of y = sin x is _____	A. [1, -1] B. [-1, 1] C. [0, -1] D. [-∞+∞]
10	The period of|sin2x| is	A. π/2 B. -π/2 C. π D. π/3
11	Question Image	
12	Domain of tan x is _____	

13	Period of Cotangent function is	A. π B. -π C. 0 D. -2π
14	Range of tan x is _____	A. [-1, -] B. R C. Negative real numbers D. R - {x | - 1 < x < 1}
15	What is the period of tan 4/3 x =?	A. π/4 B. 4π/3 C. 7π/4 D. 3π/4
16	Period of Tangent function is	A. 0° B. -π C. π D. 2π
17	Period of tan x is _____	
18	What is the period of cos 6x =?	A. π/2 B. π/3 C. π/4 D. π
19	Range of 3 cot x is _____	A. [-1, 1] B. [-3, 3] C. R D. None of these
20	Domain of y = cot x = _____	