ECAT Mathematics Chapter 13 Trigonometric Functions & Their Graphs

Sr	Questions	Answers Choice
1	Domain of tan x is _____	
2	The function sine and Cosine have the closed internal as their range	A. [1, 0] B. [-1, 1] C. [0, 1] D. [-1, 2]
3	Range of sin$\theta$is	
4	Range of sec$\theta$is	A. Z - {x | -1 < x < 1} B. W - {x | -1 < x < 1} C. R - {x | -1 < x < 1} D. R
5	Range of tan$\theta$is	A. Set of complex numbers B. Set of real numbers C. Set of odd numbers D. Set of positive integers only
6	The period of|sin$f_0$2x| is	A. π/2 B. -π/2 C. π D. π/3
7	Domain of 2 cos x is _____	A. [-2, 2] B. R C. Negative real numbers D. None of these
8	What is the period of 6 sin x=?	A. π B. -π C. π/2 D. 2π
9	Domain of cosec$\theta$is	
10	The period of cot 8x is	A. π/10 B. 9π/7 C. π/9 D. π/8
11	Period of Tangent function is	A. 0° B. -π C. π D. 2π
12	Range of 3 sin x is _____	A. [-3, 3] B. [-1, 1] C. R D. None of these
13	Period of sin 3x is _____	
14	graph of sine function is bounded between lines	A. y± 1 = 0 B. x± 1 = 0 C. x± y - 0 D. None of these
		A. <span style="color: rgb(34, 34,

15	Period of Sine and Cosine function is	A. π B. 2π C. -π D. -2π
16	What is the period of sin 2x/3 cos 4x=?	A. π B. 2π C. π/2 D. π/3
17	Domain of sec x is _____	
18	Domain of 3 sin x is _____	A. [-3, 3] B. R C. Positive real numbers D. None of these
19	Question Image	
20	The period of|sin$f_0$2x| is	A. π/2 B. -π/2 C. π D. π/3