Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The graph of a quadratic function is	A. Circle B. Ellipse C. Parabola D. Hexagon
2	If $x^4 - 10x^2 - 2x + 4$ is divided by $x + 3$, then the reminder is	A. 1 B. 0 C. 4 D. None of these
3	Question Image	A. a cos(ax + b) + c B. - a cos(ax + b) + c
4	Question Image	
5	Question Image	A. a sec(ax + b) + c B. - a sec(ax + b) + c
6	The ratio in which the line y- x+ 2 =0 divides the line joining (3,-1) and (8,9) is	A. 2:3 B. -2:3 C. 3:2 D. -3:2
7	Question Image	
8	Question Image	A. Closure law of addition B. Associative law of addition C. Commutative law of multiplication D. Associative law of multiplication
9	A circle drawn inside a triangle and touching its sides is called _____;	A. Circumcirle B. Incircle C. Escribed circle D. unit circle
10	Question Image	
11	1 radian = _____	A. 180° B. 90° C. 57.296° D. 60°
12	The equation of vertical asymptotes of y = cos ecx is	A. x = 0 B. y = 0 C. x =∞ D. y =∞
13	A circle is a limiting case of an ellipse whose eccentricity	A. Tends to a B. Tends to b C. Tends to 0 D. Tends to a + b
14	Question Image	
15	Question Image	D. none of these
16	Onto function is also called	A. Binjective function B. Injective function C. Surjechive function D. None of these
17	An open sentence formed by using the sign of equality "=" is called	A. Equation B. In equation C. True sentence D. False sentence
18	1.4142135... is _____	A. A natural number B. A rational number C. A prime number D. An irrational number
19	The vertex of the equation $y^2 = 4ax$ is:	A. (2, -2) B. (1,1) C. (0 , 0)

		D. (2 , 2)
20	w^4= _____	A. 0 B. 1 C. w D. w²