Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The inclination of a line parallel to x-axis is	
2	If a > 0 they parabola y2 =-4ax lies in	A. I and iv quadrant B. I quadrant C. II and III quadrant D. All are incorrect
3	Question Image	
4	The distance of the points (3, 4, 5) from y-axis is	
5	Question Image	
6	For all points (x,y) on y-axis	A. x is positive B. x = 0 C. x is negative D. y = 0
7	If A is a set then any subset R of A x A is called	A. relation on A B. relation on B C. relation from A to B D. relation from B to A
8	24 can be written as a product of	A. Odd factors B. Even factors C. Whole factors D. Prime factors
9	The general solution of tan 3x = 1 is	
10	Domain of tangent function is	
11	Question Image	A. 2 b B. 2 a C. 2 ab D. a + b
12	Question Image	
13	Onto function is also called	A. Binjective function B. Injective function C. Surjechive function D. None of these
14	The periods of the function f(x) = x[x] is	A. 1 B. 2 C. Non periodic D. None of these
15	The proposition S(n) for any n∈ N is only true if k∈ N and	A. S(k +1) is true B. S(1) is true and S(k+1) is true whenever S (k) is true C. S(k+1) is true whenever S (k) is true D. S(k) is true
16	(a+bi) - (c+di)=	A. (a+b) = (c+d) B. (a+c) + i(b+d) C. (a - c) + (c- d)i D. (a - c)+ (b - d)i
17	Question Image	A. quadrant I B. quadrant II C. quadrant III D. quadrant IV
18	A sequence is a function whose domain is	A. N B. Subset of N C. R D. None of these
19	_____ invented a symbolic way to write the statement "y is a function of x" as y= f(x)	A. Leibniz B. Newton C. Euler

		D. None of these
20	The unit vector along x-axis is	D. none of these