Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	A sequence having no last term is called	A. arithmetic sequence B. Geometric sequence C. Finite sequence D. Infinite sequence
3	Name the property used in 4.1 + (-4.1) = 0	A. Additive inverse B. Multiplication inverse C. Additive identity D. Multiplication identity
4	If z_1= 2 + 6i and z_2= 3 + 7i, then which expression defines the product of $z_1$and z_2?	A. 36 + (-32)i B. -36 + 32i C. 6 + (-11)1 D. 0, +(-12)i
5	If p and q are two statements then their conjunction is denoted by	
6	(A ∩ B)c =	A. A∩ B B. (A ∪ B)c C. Ac∪ Bc D. Φ
7	A function whose domain is a subset of natural numbers is called _____	A. Identity function B. Sequence C. Onto function D. Series
8	Question Image	
9	Question Image	
10	The velocity of a particle moving along a straight line is given by v = 3t + t^2. The acceleration of the particle after 4 seconds from the start is	A. 4 B. 11 C. 26 D. None
11	Question Image	A. y : x B. x : y C. -y : x D. -x : y
12	If S = {3,6,9,12.....}, then	A. S = Four multiples of 3 B. S = Set of even numbers C. S = Set of prime numbers D. S = All multiples of 3
13	Question Image	A. 100 B. 99 C. 0 D. none of these
14	If sin A = cos A, 0°<A<90° then A is equal to	A. 1 B. 1/2 C. 0 D. None of these
15	A point of a solution region where two of its boundary lines intersect, is called	A. Boundary B. Inequality C. Half plane D. Vertex
16	The no of term is the expansion of (a+x)n-1 is	A. n+1 B. n-1 C. n D. n-2
17	Question Image	A. Evert element of A is in B B. Every element of B is in A C. Every element of A is in B' D. Every element of A is in A
		A. x = 0

18	What is the axis of the parabola $y^2 = 4ax$?	B. y = 0 C. x = a D. y = 0
19	If z=(x,y) then z has no multiplicative inverse when	A. x ≠ 0, y = 0 B. x = 0, y = 0 C. x = 0, y ≠ 0 D. None of these
20	If f(α) = b2 and g (c) =d where c=b2 then (gof)(a) is	A. α B. c C. b D. d