Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	
2	Multiplicative inverse of "1" is	A. 0 B. ±1 C. 1 D. {0,1}
3	A die is rolled. What is the probability that the dots on the top are greater than 4?	A. 1/4 B. 1/2 C. 1/3 D. 1/33
4	Question Image	
5	The conic $ax^2+2hxy+by^2+2gx+2fy+c= 0$ never represent a circle if	A. $a\neq b, h\neq 0$ B. $a=b$ C. $h\neq 0$ D. $h=0$
6	Name the property used in 100 + 0 = 100	A. Additive inverse B. Multiplicative inverse C. Additive identity D. Multiplicative identity
7	Te order of the differential equation of all conics whose axes coincide with the axes of co-ordinates is	A. 2 B. 3 C. 4 D. 1
8	Domain of tan x is _____	
9	Question Image	A. Associative property of addition B. Commutative property of addition C. Distributive property D. Additive identity
10	Question Image	A. Addition B. Subtraction C. Multiplication D. None of these
11	Question Image	
12	If A is an event then which of the following is true	A. $P(A)<0$ B. $0\geq P(A)\leq 1$ C. $P(A)>0$ D. None
13	Question Image	
14	$w^4=$ _____	A. 0 B. 1 C. w D. w^2
15	Question Image	
16	The position vector of the point P(a, b, c) is	
17	Question Image	A. perpendicular vectors B. parallel vectors C. concurrent vectors D. none of these
18	Question Image	
19	$n!/(n-1)!=$	A. n B. n! C. (n-1)! D. 0!
20	The function discontinuous at x = 0 is (1) tan x (II) cot x (III) sec x (iv)cosec x)	A. I & III B. I & IV C. II & IV

C. II & IV

D. II & III