Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The many subset can be formed from the set {a,b,c,d}	A. 8 B. 4 C. 12 D. 16
2	Question Image	A. I quadrant B. II quadrant C. III quadrant D. IV quadrant
3	If 0 = R, thenthe additive inverse of a is	A. 1/9 B. ^{1/-9} C. a D. -a
4	Period of tan x is _____	
5	If p, q, r and in A.P., a is G.M. between p and q and b is G.M. between q and r, then a^2, q^2, $b^2$are in	A. A.P. B. G.P. C. H.P. D. None of these
6	Question Image	
7	Question Image	
8	Question Image	B. sin 2x + c C. -sin 2x + c
9	Question Image	A. Additive property in R B. Multiplication property in R C. Cancellation property in R D. Distribution property in R
10	The number of terms in the expansion of $(a + x)^{12}$is	A. 13 B. 12 C. 11 D. 10
11	Question Image	
12	Question Image	A. I B. |A| C. |A| I D. None of these
13	Which of the following is skew symmetric matrix	
14	Question Image	A. 0 B. -1 C. 1 D. -2
15	If A and B are two disjoint events then	A. P(A∪B)=P(A)+P(B) B. P(A∪B)=P(A)-P(A∪B) C. P(A∪B)=P(A)or P(B) D. None
16	Question Image	
17	Question Image	
18	If a_1, r are first term and the common ratio respectively then the sum of an infinite geometric series is	
19	The roots of ax2 + bx + c = 0 are always unequal if	A. b2 - 4ac = 0 B. b2- 4ac ≠ 0 C. b2- 4ac > 0 D. b2- 4ac ≥ 0
20	the curve of the parabola y^2 = -4ax is symmetric with respect to	A. x -axis B. y - axis C. Botha x and y- axis

D. None of thes