Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Range of cot$\theta$is	A. (+∞to -∞) B. (-1 to +1) C. (-5 to +5) D. Set of even numbers only
2	1.4142135... is _____	A. A natural number B. A rational number C. A prime number D. An irrational number
3	45° = _____	
4	Question Image	A. Diagonal matrix B. Scalar matrix C. Triangular matrix D. Identity matrix
5	3x + 4 = 0 is	A. not inequality B. equation C. identity D. inequality
6	Question Image	A. 0 B. 1 C. 2 D. 3
7	Question Image	
8	Question Image	
9	The number of terms in the expansion of $(a + b)^9$is	A. 10 B. 11 C. 9 D. 12
10	If one root of the equation x^2- 3x + a = 0 is 2 then a = _____	A. 0 B. 1 C. 2 D. 3
11	The vertex of the graph of the quadratic function f(x) =-x2+6x+1,is	A. (-3,10) B. (-3,-10) C. (3,10) D. (3,-10)
12	How many types of an equation	A. 1 B. 3 C. 2 D. None
13	If a is any real number and a = a is called	A. symmetric property B. Trichotomy Properties C. Transitive Property D. Reflexive Properties
14	Question Image	
15	Question Image	
16	The multiplicative inverse of -3i is	A. 3i B. -3i C. -1/3i D. 1/3 i

17	Question Image	
18	Question Image	D. none of these
19	Question Image	A. 2 B. 4 C. 8 D. 12
20	For any positive integer n	A. ABn = Bn A ⇔ AB = BA B. ABn = Bn A⇔ A,B are square matrices and AB = BA C. ABn = BnA⇔ A + B D. ABn = BnA ⇔ A and B are square matries