Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. 0 B. 1 C. 8 D. `<span style="color: rgb(34, 34, 34); font-family: "Times New Roman"; font-size: 24px; text-align: center; background-color: rgb(255, 255, 224);"><i>∞</i></span>`
2	The seventh term of an A.P whose first term is P and common difference is q. is	A. P-6q B. P+6q C. P-4q D. P-nq
3	Question Image	A. real part of z B. imaginary part of z C. conjugate of z D. modulus of z
4	Question Image	
5	Four cards are drawn at random from a pack of 52 playing cards. The probability of getting all the four cars of the same suit is	A. 44/4165 B. 22/4165 C. 11/4165 D. None of these
6	If order of A is m x n, then order of A^t is	A. m x m B. n x n C. m x n D. n x m
7	A sequence is a function whose domain is	A. N B. Subset of N C. R D. None of these
8	Question Image	
9	A function whose range is just one elements is called	A. One-one function B. Constant function C. Onto function D. Identity function
10	Question Image	
11	Question Image	
12	Question Image	A. Commutative law of addition B. Associative law of addition C. Additive identity D. Additive inverse
13	The point _____ is in the solution of the inequality 2x + 3y < 5	A. (1,1) B. (2,2) C. (0,1) D. (0,2)
14	If $\forall a,b \in R$, then $a+b \in R$ is a property	A. Closure law of addition B. Associative law of addition C. Additive inverse D. Additive identity
15	A monoid (G, *) is said to be group if	A. have identity element B. is commutative C. have inverse of each element D. None of these
16	Question Image	A. 0 B. 1 C. -1 D. None
17	Range of $\sin\theta$ is	

18	If 0 = R, thenthe additive inverse of a is	A. 1/9 B. [1/-9] C. a D. -a

19	Question Image	

20	Number of permutations of n distinct objects taken r(<n - 3) at a time which exclude 3(<n) particular objects is	A. 3! P(n, r - 3) B. P(n, 3) P(n, r - 3) C. P(r, r)P(n, r - 3) D. P(n - 3, r)