Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. Commutative property of addition B. Closure property of addition C. Additive inverse D. Associative property w.r.t. to addition
2	For trival solution $|A|$ is	A. A B. $|A|$ is non zero C. A = 0 D. None of these
3	The number of non zero rows in echelon form of a matrix is called	A. Order of matrix B. Rank of matrix C. Row operation D. None of these
4	Question Image	A. a constant function B. linear function C. quadratic funtion D. none of these
5	Question Image	
6	$\sin 2\alpha =$	
7	A = B iff	A. All elements of A also the elements of B B. A and B should be singleton C. A and B have the same number of elements D. If both have the same element
8	If A is a non singular matrix then $A^{-1}=$ _____	
9	Question Image	A. 1 B. 1/2 C. 0 D. None
10	The minimum value of the quadratic function $f(x) = 5x^2-11$, is	A. -11 B. 6 C. -7 D. 7
11	The probability of getting a number between 1 and 100 which is divisible by 1 and itself if only is	A. 1 / 4 B. 1 / 2 C. 3 / 4 D. 25 / 98
12	[i,j,k]	A. 0 B. 2 C. 1 D. -2
13	If the sum of even coefficients in the expansion of $(1+x)^n$ is 128 then	A. n=7 B. n=9 C. n=8 D. None
14	$(x+a)(x+b)(x+c)(x+) = k$, $k\neq0$ is reducible to quadratic form only if	A. a+b=c+d B. a+c=b+d C. a+d=b+c D. All are correct
15	1 radian = _____	A. 60° B. 57.296° C. 57.2° D. 180°
16	The distance between the points (0,0) and (x,y) is	A. $x^2+ y^2$ B. x C. y
	If a, and r are the first term and the common ratio respectively then (n+1)th term of the	A. 0

17	If a_1 and r are the first term and the common ratio respectively then (n + 1)th term of the G.P. is	B. $a_1 r^{n-1}$ C. $a_1 r^{n+1}$ D. $a_1 r^{n}$
18	Number of ways of writing the letters of WORD taken all at a time is	A. 24 B. 4 C. 12 D. 6
19	Which one represents a sequence	A. an B. Sn C. a(n) D. {an}
20	A relation in which the equality is true only for some values of the unknown is called	A. An identity B. An equation C. A polynomial D. None