Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The number of the diagonals of a 6 sided figure is	A. 15 B. 21 C. 9 D. 6
2	Which of the following ordered pair is a solution of the inequality x+2y<6?	A. (2,3) B. (2,2) C. (6,0) D. (1,1)
3	Group of none-singular matrices under multiplication is	A. None-Abelian group B. Semi group C. Abelian group D. None of these
4	Question Image	
5	If A and B are two sets then any subset R of A x B is called	A. relation on A B. relation on B C. relation from A to B D. relation from B to A
6	Question Image	
7	A triangle which is not right angle is called _____ triangle	A. acute B. Obtuse C. Right D. Oblique
8	What is the value of cos (cos-1 2) ?	A. $\sqrt{2}$ B. 1/2 C. undefine D. 0
9	Question Image	A. trigonometric equation B. conditional equation C. identity D. None
10	An integral of 1/x dx is:	A. $1/x^2$ B. $1/-x^2$ C. 1/lnx D. lnx
11	$O\ (0,0)$ is called:	A. Position vector B. Free vector C. Unite vector D. Null vector
12	The product of the four fourth roots of unity is	A. 0 B. 1 C. -1 D. None of these
13	How many arrangements of the letter of the word PAKPATTAN can be made	
14	Question Image	
15	n(n-1)(2n-1), for all natural numbers n, is divisible by	A. 12 B. 6 C. 2 D. 18
16	The vector i = [1,0] is called unit vector along:	A. x-axis B. y - axis C. z- axis D. Botha a and y-axis
17	Question Image	
18	The many subset can be formed from the set {a,b,c,d}	A. 8 B. 4 C. 12 D. 16

		A. [0, ∞]
		B. (0, ∞)
19	The domain of f(x) = log x is	C. [0, ∞[
		D. [∞, ∞]
20	Question Image	