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	If f (x) = |x|, then (0,0) is the	A. Critical point B. Inflection point C. Stationary point D. None of these
3	Question Image	A. Identity matrix B. Diagonal matrix C. Null matrix D. Hermitian matrix
4	If x,y are two -ve distinct numbers then	A. A>G>H B. A<G<H C. A=G=H D. None of these
5	The two different parts of the hyperbola are called its	A. Vertices B. Directrices C. Nappes D. Branches
6	Question Image	A. P(A) + P(B) B. P(A) - P(B) C. P(A) . P(B) D. P(A) / P(B)
7	Question Image	A. 0 B. 1 C. 2
8	Question Image	A. R/[0,4] B. R/(0,4) C. (0,4) D. [0,4]
9	Question Image	A. An ellipse B. A parabola C. A circle D. A hyperbola
10	The roots of the equation $ax^2+ bx + c = 0$ are complex/imaginary if	A. b²- 4ac < 0 B. b²- 4ac = 0 C. b²- 4ac > 0 D. None of these
11	$\int f(x)$ is known as:	A. Definite itegral B. Indefinite integral C. Fixed integral D. Multiple integral
12	Question Image	
13	A circle which touches one side of a triangle extermally and the other two sides produced is called	A. In-circle B. Circumcircle C. e-circle D. Point circle
14	A circle drawn inside a triangle and touching its sides is called _____;	A. Circumcirle B. Incircle C. Escribed circle D. unit circle
15	$\forall z \in C$, multipliucative is	A. (1,1) B. (1,0) C. (0,1) D. None of these
16	If distance of (a,b) from origin is 5 then	A. a²+ b²=5 B. a = 5

		C. b = 5
17	Question Image	
18	(x-1) is a factor of	A. 2x³-3x²+9 B. 2x³-5x-8 C. 48x²⁻46x-9 D. x⁹-1
19	If a > b or a < b than a = b is a	A. Additive property B. Transitive property C. Trichotomy property of inequality
20	sin(π/2+θ) = _____;	A. sinθ B. cosθ C. -sinθ D. -cosθ