Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	i^3=	A. -1 B. i C. -i D. 1
2	Question Image	A. 0 B. 1 C. 8 D. ∞
3	If S is a sample space and event set E = S then P(E) is	A. >0 B. 1 C. <1 D. 0
4	The proposition S(n) is true $\forall n \in N$,S(k+1) true when _____is true	A. S(1) B. Both a & c C. S(k) D. None
5	If n is any positive integer then $4^n > 3^n + 4$ is true for all	
6	The eccentricity of ellipse becomes zero, then it takes the form of:	A. a parabols B. a straight line C. a circle D. None of these
7	$x^3 + 2x^2 - 3x + 5$ is _____	A. An equation B. A polynomial C. Proper rational fractions D. Improper rational fractions
8	If $A \cap B = B$, then $n(A \cap B)$ is equal to	A. n(a) B. n(a)+n(c) C. n(c) D. None of these
9	The range of inequality x + 2 > 4 is	A. (-1, 2) B. (-2, 2) C. (1,∞) D. None
10	the latus rectum of the parabola $x^3 = -4ay$ is:	A. x = a B. y = -a C. x = -a D. y = 0
11	Graph of the question $x^2 + y^2 = 4$ is	A. A circle B. An ellipse C. A parabola D. A square
12	The graph of a linear function is	A. a circle B. triangle C. a straight line D. none of these
13	Question Image	A. Null matrix B. Triangular matrix C. Unit matrix D. Rectangular matrix
14	A square matrix all of whose elements except the main diagonal are zeros is called a	A. Null matrix B. Singular matrix C. Symmetric matrix

		D. Diagonal matrix
15	Question Image	
16	Question Image	A. a constant function B. linear function C. quadratic funtion D. none of these
17	The lines l1and l2intersect. The shortest distance between them is	A. Positive B. Negative C. Zero D. Infinity
18	Question Image	A. Imaginary B. Rational C. Irrational D. Real numbers
19	The system of measurement in which the angle is measured in radians is called the	A. circular system B. CGS system C. sexagesimal system D. none of these
20	Question Image	