Mathematics General Science Test Hard Mode

Sr	Questions	Answers Choice
1	Question Image	
2	The constant distance of all points of the cirlce from its centre is called the	A. Radius of the circle B. Secant of the circle C. Chord of the circle D. Diameter of the circle
3	If $f_1(x)$ and $f_2(x)$ are any two anti derivatives of a function F (x), then the value of $f_1(x) - f_2(x)$ =	A. A variable B. A constant C. undefined D. infinity
4	If x < y, 2x = A, and 2y =B, then	A. A = B B. A < B C. A < x D. B < y
5	Question Image	D. None of these
6	If 1 + Cos x = 0, then x =	
7	If c is a constant number and if f is the function defined by the equation f(x) = c for all values of x, then f is differentiable at every x and f is defined the equation f(x) = _____	A. f B. 1 C. C D. 0
8	Question Image	
9	Cos 315°=	A. 0.707 B. 0.5 C. 1 D. 0
10	If A and B are matrices such that AB=BA=I then	A. A and B are multiplicative inverse of each other B. A and B are additive inverses of each other C. . A and B are singular matrices D. A and B are equal
11	If K_1: K_2= 1 : 1 then the point P dividing the line is	A. Midpoint B. Extreme left point C. Extreme Right Point D. P lies out side k₁and k₂
12	For which of the following ordered pairs (s, t) is s + t > 2 and s - t < -3?	A. (3, 2) B. (2, 3) C. (1, 8) D. (0, 3)
13	Question Image	A. 0 B. 1 C. -1 D. 2
14	The set of complex numbers forms a group under the binary operation of	A. Addition B. Multiplication C. Division D. Subtraction
15	If 4 - x > 5, then	A. x > 1 B. x > -1 C. x < 1 D. x < -1
16	If you are looking a high point from the ground, then the angle formed is	A. Angle of elevation B. Angle of depression C. Right angle D. Horizon
17	If ab > 0 and a < 0, which of the following is negative?	A. b B. -b C. -a

		D. (a - b)²
18	Question Image	A. A polynomial B. An inequality C. An identity D. A linear function
19	Which of the vectors have opposite direction?	D. Both A and B
20	The set {{a,b}} is	A. Infinite set B. Singleton set C. Two points set D. None