Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. A = B B. B = C C. A = C D. None of these
2	If a, b, c are in A.P., then 3^a, 3^b, 3^c are in	A. A.P. B. G.P. C. H.P. D. None of these
3	If G is the centroid of the triangle, then GA +GB+GC=	A. 0 B. 1 C. -1 D. 3
4	For≥ -2 , 1+3+5+......+(2n+5)	A. $(n+2)^2$ B. $(n-2)^2$ C. 2n+1 D. $(n+3)^2$
5	Which one represents a sequence	A. an B. Sn C. a(n) D. {an}
6	$\sqrt{25}$ is a number	A. Rational B. Irrational C. Natural D. Odd
7	Question Image	A. 0 B. abc C. 1/abc D. None of these
8	Question Image	A. Principle of equality of Fractions B. Rule for product of fraction C. Golden rule of fraction D. Rule of quotient of Fraction
9	The set of complex numbers forms a group under the binary operation of	A. Addition B. none of these C. Division D. Subtraction
10	Question Image	
11	if a_1 =3, d=7 and a_n =59 , then the number of terms in A.P is	A. 7 B. 9 C. 11 D. 13
12	For any set X, X∪X is	A. X B. X' C. Φ D. Universal Set
13	The law of sines can be used to solve oblique triangle when following information is given:	A. Two angles and a side B. Two sides and an angle opposite one of the given sides C. Two sides and the angle between two sided D. Option a and b
14	Question Image	A. I quadrant B. II quadrant C. III quadrant D. IV quadrant
15	Question Image	A. 0 B. 1 C. -1 D. None of these

16	Question Image	D. none of these

17	Sin 45° = _____	

18	If $x^4 - 10x^2 - 2x + 4$ is divided by $x + 3$, then the reminder is	A. 1 B. 0 C. 4 D. None of these

19	A function $f(x)$ is said to be the periodic function if for all x in the domain of f, there exists a smallest positive number p such the $f(x + p) =$ _____	A. f(p) B. f(x) C. f(o) D. None of these

20	If (0, 0) and (1, 0) are the end points of a diameter, then the equation of the circle is	