Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	The law of sines can be used to solve	A. Right angle triangle B. Isosceles triangle C. oblique triangle D. haxagon
2	H.M. between 3 and 7 is	
3	Question Image	
4	Question Image	
5	Question Image	A. An expression B. Rational fraction C. Equation D. Identity
6	The cube roots of 8 are	
7	If n(X) = 18, n(X∩Y) = 7, n(X∪ Y) = 40 then n(Y) =	A. 1 B. 12 C. 5 D. 29
8	Question Image	
9	The graph of a quadratic function is	A. Circle B. Straight line C. Parabola D. Triangle
10	The square matrix A is skew Hermitian when (A)'=	A. A B. A' C. -A D. A
11	Multiplicative inverse of "1" is	A. +- 1 B. 0 C. 1 D. None of these
12	Question Image	A. 0 B. 20 C. 90 D. 80
13	Question Image	A. A(α) - A(β) B. A(α) + A(β) C. A(α-β) D. A(α+β)

14	Question Image	
15	Equation of the chord of contact to the tangents drawn from (-3,4) to the circle x2 + y2 = 21	A. -3x + 4y =21 B. 4x - 3x = 0 C. -3x + 4y = 25 D. None of these
16	The set {1, 2, 3, 4, ...} is called	A. Set of Natural numbers B. Set of whole numbers C. Set of rational number D. Set of irrational numbers
17	The polynomial x - a is a factor of the polynomial f(x) if and only if	A. f(a) is positive B. f(a) is negative C. f(a) = 0 D. None of these
18	Question Image	
19	The equations of the line thro' the point (2, 3, -5) and equally inclined to the axis are	
20	Question Image	