Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Question Image	A. quadrant I B. quadrant II C. quadrant III D. quadrant IV
2	The property used in -3 <-2 ⇒0 <1	A. Commutative property B. Additive property of inequality C. Additive inverse D. Additive identity
3	In one hour, the minute hand of a clock turns through	
4	The point of concurrency of the medians of the ΔABC is called its	A. Orthocenter B. Centriod C. Circumcentre D. Incentre
5	If a polynomial P(x) is divided by x - a, then the remainder is	A. P(o) B. P(-a) C. P(a) D. None of these
6	Question Image	A. 2 B. 4 C. 3 D. 16
7	Question Image	A. range of f B. domain of f C. both (a) and (b) D. none of these
8	n(n - 1) (n - 2) in factorial form is	
9	Question Image	
10	The square matrix A is skew Hermitian when (A)'=	A. A B. A' C. -A D. A
11	$1+3x+6x^2 +10x^3 +....=$	A. $(1+x)^{-3}$ B. $(1-x)^{-2}$ C. $(1-x)^{-3}$ D. $(1+x)^{-2}$
12	If a,b,c are in arithmetic progression, then 1/a,1/b.1/c are in	A. A.M B. G.M C. H.M D. G.P
13	The center of the sphore which passes thro' (a, 0, 0), (0, b, 0), (0, 0, c) and (0, 0, 0) is	
14	Question Image	
15	If (0,4) and (0,2) are vertex and focus of the parabola respectively, the the equation of the parabola is:	A. $x^2 = 4y -32$ B. $x^2 =8y -32$ C. $y^3 = 16 x$ D. $x2 + 8y =32$
16	The law of sines can be used to solve	A. Right angle triangle B. Isosceles triangle C. oblique triangle D. haxagon
17	$(a^{-1})^{-1}=$	A. a^{-1} B. a C. -a D. None of above
18	Question Image	A. 56 B. 7 C. 8 D. 8/7

19	The distance between the points (0 , 0) and (1, 2) is	A. 5 C. 0 D. 3
20	Question Image	