Mathematics General Science Test Medium Mode

Sr	Questions	Answers Choice
1	Unit vector in the positive direction of x-axis is	
2	Number of conics is	A. 1 B. 3 C. 2 D. 4
3	Eight chairs are numbered 1 to 8. Two women and three men wish to occupy one chair each. First, the women choose the chairs from amongst the chairs marked 1 to 4 and then the men select the chairs from amongst the remaining. The number of possible arrangement is	A. $^{6}C_{3}$ x $^{4}C_{2}$ B. $^{4}C_{2}$ x $^{4}P_{3}$ C. $^{4}P_{2}$ x $^{6}P_{3}$ D. None of these
4	{1, 2, 3, 4,.....} is set of _____	A. Natural numbers B. Whole numbers C. Integers D. Rational numbers
5	The corner point of the boundary lines, x-2y 2x + y = 2 is:	A. (2,6) B. (6,2) C. (-2,2) D. (2,-2)
6	The number of standard parabolic functions are is	A. 4 B. 2 C. 3 D. 1
7	Question Image	A. $\pi / 3$ B. $\pi / 4$ C. $\pi / 6$ D. 0
8	f(x) = C is	A. identity function B. constant function C. linear function D. quadratic function
9	Question Image	
10	Question Image	
11	Question Image	A. Reflexive property B. Symmetric property C. Transitive property D. Additive property
12	Question Image	A. 1 B. -1 C. 0 D. None of these
13	A sequence is a function whose domain is	A. N B. Subset of N C. R D. None of these
14	$\tan(3\pi/2 +\theta)=$_____;	A. $\tan\theta$ B. $\cot\theta$ C. $-\tan\theta$ D. $-\cot\theta$
15	Question Image	A. square root function B. identity function C. linear function D. quadratic function
16	The distance between the points (2, 2) and (3, 3) is	A. 10 C. 5 D. 2

17	The multiplicative inverse of 1 - 2i is	
18	Question Image	
19	The number of terms in the expansion of $(a + x)^{12}$ is	A. 13 B. 12 C. 11 D. 10
20	Question Image	A. \<br\>