ECAT Mathematics MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Question Image	D. all are correct
2	Question Image	A. Reflexive property B. Symmetric property C. Transitive property D. Additive property
3	The solution set of the equation 1 + Cos x = 0 is _____	D. none of these
4	For each natural number n, n (n+1) is	A. an even B. an odd C. multiple of 3 D. Irrational
5	What is the period of cos 6x =?	A. π/2 B. π/3 C. π/4 D. π
6	$(x + 3) (x + 4) = x^2 + 7x + 12$ is _____	A. Quadratic equation B. Linear equation C. Cubic equation D. Identity
7	The cartesian system of coordinates was introduced by:	A. Eulaer B. Euclid C. Descrates D. Maclream
8	Question Image	
9	Question Image	A. Trichotomy property B. Additive property of inequality C. Transitive property D. Multiplicative property
10	Sum of all the four forth roots of unity is	A. 1 B. -1 C. i D. 0
11	Question Image	
12	If no two elements of ordered pair of a functions from A into B are equal, then it is called.	A. Surjective B. Injuctive C. Bijective D. Onto
13	The points (3,1), (-2,-3) and (2,2) are the vertices of :	A. Equilateral triangle B. Isosceles triangle C. right -angled triangle D. rhombus
14	Question Image	B. xⁿ⁻¹
15	Question Image	
16	Question Image	
17	Matrices are represented by	A. Natural numbers B. Real numbers C. Small letters D. Capital letters
18	The coefficient of x^{10} in the expansion $(x^3+3/x^2)^{10}$ is	A. 1700 B. 17023 C. 17027 D. 17010
19	Name the property used in 1000 x 1 = 1000	A. additive inverse B. multiplicative inverse C. additive identity D. multiplicative identity

20	Such a function which is (1 -1) is called	A. surjective B. injuctive C. bijective D. into