ECAT Mathematics MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. (x, y) B. (kx, y) C. (x, ky) D. (kx, ky)
3	xy= 2 is:	A. a constant function B. an identity function C. an improper function D. implicit function
4	Rank of matrix [1 3 5 0] is	A. 1 B. 3 C. 2 D. 4
5	The many subset can be formed from the set {a,b,c,d}	A. 8 B. 4 C. 12 D. 16
6	The roots of the equation $ax^2+ bx + c = 0$ are real and equal if	A. b²- 4ac < 0 B. b²- 4ac = 0 C. b²- 4ac > 0 D. None of these
7	If $f(x) = x^3- 2x^2+ 4x -1$ then f(0) is	A. 0 B. 1 C. -1 D. none of these
8	(2.02)4 s equal to	A. 16 B. 16.6496 C. 17 D. 18
9	If the 4th term in the expansion of $(px + x^{-1})^m$ is 2.5 for all $x \in R$, then	
10	Question Image	
11	Which of the following is factor of x11+a11, where n is an odd integer	A. x-a B. x+a C. 2x-a D. 2x+a
12	Vector additon is:	A. Commutative B. Associative C. Commutative and Associative D. None of these
13	Question Image	A. Rational fraction B. Proper fraction C. Improper rational fraction D. None of these
14	A conditional "if p then q" is denoted by	
15	Question Image	A. -35 B. -28 C. 41 D. 72
16	Sum of first n terms of an arithmetic series is	
17	The square root of 2i - 20i is	A. ±(5 - 2i) B. ±(5+ 2i) C. (5 - 2i) D. None of these
18	If the sum of co-efficient in the expansion of $(a+b)^n$ is 4096, then the greatest co-efficient in the expansion is	A. 1594 B. 792 C. 924

		D. 2924
19	A point of a solution regions where two of its boundary lines intersect, is called:	A. Vertex of the solution B. Feasible point C. Point of inequality D. Null point of the solution region
20	A sequence is a function whose domain is	A. N B. Subset of N C. R D. None of these