ECAT Mathematics MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	Question Image	A. false B. true C. not valid D. undefine
2	A fraction in which the degree of the numerator is less than the degree of the denominator is called	A. Polynomial B. Equation C. Proper fraction D. Improper fraction
3	Function is a special type of	A. relation B. ordered pairs C. Cartesian product D. Set
4	Question Image	A. A positive integer B. A negative integer C. A natural number D. An irrational number
5	Question Image	A. 3 B. 1 C. 2 D. 4
6	Question Image	
7	Question Image	
8	If sin 6θ+ sin 4θ+ sin 2θ, thenθ=	
9	The proposition S(k+1) is true when _____ is true$\forall K \in N$	A. S(n) B. S(k) C. S(1) D. S(k-1)
10	Question Image	
11	If c is a constant, then d/dx (c) =	A. 0 B. c C. cx D. 1
12	The multiplicative inverse of -1 in the set {1-, 1} is	A. 1 B. -1 C. +-1 D. 0
13	If the exponent in the binomial expansion is 6, then the middle term is	A. 2nd B. 3rd C. 4th D. 5th
14	Negation of a given number is an example of	A. Binary operation B. group C. unary operation D. function
15	Question Image	A. A²- 5A + 7I = 1 B. 2A²- 3A + 7I = 0 C. A²- 5A + I = 0 D. A²- 5A + 7I = 0
16	Under multiplication, solution set of is	A. Groupoid B. Abelian group C. Semi group D. All of these
17	Every prime number is also	A. Rational number B. Even number C. Irrational number D. Multiple of two numbers

18	The sum of even coefficient in the binomial expansion is	A. 2ⁿ⁺¹ B. 2ⁿ C. 2ⁿ⁻¹ D. 2n
19	In R the left cancellation property w.r.t addition is	
20	Question Image	