ECAT (Pre-Eng) Mathematics For Chapter 1 Number System

Sr	Questions	Answers Choice
1	i^9 =	A. i² B. -1 C. 1 D. i
2	Question Image	B. 1 D. -1
3	Question Image	A. Closure law of addition B. Associative law of addition C. Commutative law of multiplication D. Associative law of multiplication
4	I is not	A. Real number B. Natural number C. Prime Number D. Whole Number
5	1.4142135... is _____	A. A natural number B. A rational number C. A prime number D. An irrational number
6	Question Image	A. Symmetric property B. Cancellation property w.r.t. multiplication C. Reflexive property D. Transitive property
7	Any recurring decimal represents a	A. Irrational no B. Integer C. Rational no D. None of these
8	The equation $\|x + 4\| = x$ has solution	A. x = -2 B. x = 2 C. x = -4 D. x = 4
9	Question Image	
10	1/3 is _____	A. A prime number B. An integer C. A rational number D. An irrational number
11	The set of rationals numbers between 0 and I is	A. Finite B. Null set C. Infinite D. None of these
12	Question Image	
13	Rational number is a number which can be written as a terminating decimal fraction or a	A. Non-terminating decimal fraction B. Non-recurring C. Recurring decimal fraction D. a, b and c
14	Question Image	A. 15 B. 15 i C. -15 i D. -15
15	The identity element with respect to subtraction is	A. 0 B. 1 C. -1 D. Does not exist
16	The set of positive integers, 0 and negative integers is known as the set of	A. Natural numbers B. Rational numbers C. All integers D. Irrational numbers
17	Question Image	

18	The additive inverse of 0 is	A. 1 B. -1 C. 0 D. Does not exist
19	Question Image	
20	$a.a^{-1} = a^{-1}.a = 1$ is a	A. Commutative law of multiplication B. Multiplication identity C. Associative law of multiplication D. Multiplication inverse