ECAT Mathematics Chapter 1 Number System

Sr	Questions	Answers Choice
1	$i^2 =$	A. 1 B. 2 C. -1 D. 0
2	(a,0) x (c, 0) =	A. (0,ac) B. (ac, 0) C. (0,0) D. (a, c)
3	Question Image	
4	Such fraction which can not be written in the form of p/q where p,q and q≠ 0,such fractions are called.	A. Fractinal numbers B. Rational Numbers C. Even Numbers D. Whole Numbers
5	Question Image	A. Multiplication property B. Additive property C. Trichotomy property D. Transitive property of inequality
6	Question Image	
7	$i^9 =$	A. i^2 B. -1 C. 1 D. i
8	Question Image	
9	In R, the additive identity is	A. 0 B. 1 C. -1 D. None
10	Question Image	A. N B. r C. 2r D. π
11	Question Image	
12	The set of natural no. is closed under	A. multiplication B. subtraction C. difference D. division
13	Name the property used in 1000 x 1 = 1000	A. additive inverse B. multiplicative inverse C. additive identity D. multiplicative identity
14	(7, 9) + (3, -5) =	A. (4, 4) B. (10, 4) C. (9, -5) D. (7, 3)
15	Question Image	A. Associative law of addition B. Commutative law of addition C. Additive identity D. Closure law of addition
16	Question Image	
17	√25 is a number	A. Rational B. Irrational C. Natural D. Odd

18	(a, b) + (-a, -b) =	A. (0,0) B. (a, b) C. (-a, -b) D. (1, 1)
19	The square roots of negative numbers is called	A. Real no B. Complex no C. Positive no D. Negative no
20	Question Image	A. Additive property in R B. Multiplication property in R C. Cancellation property in R D. Distribution property in R