

ECAT Mathematics Chapter 1 Number System

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. (x, y) B. (kx, y) C. (x, ky) D. (kx, ky)
2	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. A natural number B. A rational number C. An irrational number D. A whole number
4	Every prime number is also	A. Rational number B. Even number C. Irrational number D. Multiple of two numbers
5	If a and b are real numbers then a+b is also real number this law is called	A. associative law of addition B. closure law of addition C. Distributive law of addition D. Commutative law of addition
6	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Commutative law of multiplication B. Closure law of multiplication C. Associative law of multiplication D. Multiplication identity
7	The sum of complex number (a,b) and (c,d) is	
8	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. -3 -2i B. 3 +2i C. 1 + 2i D. 1 - 2i
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
10	$i^{101} =$	A. i B. $i^{2 ²}$ C. -i D. -1
11	In R, the multiplicative identity is	A. 0 B. 1 C. -1 D. None
12	The set {1, 2, 3, 4,} is called	A. Set of Natural numbers B. Set of whole numbers C. Set of rational number D. Set of irrational numbers
13	$1/3$ is a decimal	A. Recurring B. Terminating C. Non-terminating D. None of the above
14	The decimal fraction in which we have finite number of digits in its decimal part is called.	A. recurring decimal fraction B. Non terminating fraction C. Non recurring fraction D. terminating decimal fraction
15	If P is a whole number greater than 1, which has only P and 1 are factors. Then P is called	A. Whole number B. Prime number C. Even number D. Odd number
16	The set of rational number is represented by	A. W B. R C. Q' D. Q
17	Geometrically, the modulus of a complex number represents its distance from the	A. Point (1, 0) B. Point (0, 1) C. Point (1, 1)

D. Point (0, 0)

18 Question Image

19 Question Image

20 Question Image

- A. N
- B. r
- C. 2r

D. <i> π </i>