

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

Sr	Questions	Answers Choice
1	The multiplicative inverse of 4 is	A. -4 B. -1/4 C. 1/4 D. 1
2	Question Image	
3	In R the number of identity elements w.r.t.'.' is	A. One B. Two C. Three D. Four
4	Question Image	
5	If $4 > b$ or $a < b$ than $a = b$ is a	A. Additive property B. Transitive property C. Trichotomy property of inequality D. None of above
6	Question Image	A. additive property B. multiplicative property C. additive inverse D. additive identity
7	In $(x + iy)$ y is called as	A. Imaginary part B. Complex number C. Real part D. None of above
8	In R, the multiplicative identity is	A. 0 B. 1 C. -1 D. None
9	The multiplicative inverse of 1 is	A. 1 B. -1 C. 0 D. Does not exist
10	I is not	A. Real number B. Natural number C. Prime Number D. Whole Number
11	Question Image	
12	If P is a whole number greater than 1, which has only P and 1 are factors. Then P is called	A. Wholw number B. Prime number C. Even number D. Odd number
13	The multiplicative inverse of $-3i$ is	A. $3i$ B. $-3i$ C. $-1/3i$ D. $1/3 i$
14	Every whole number is	A. A real number B. An irrational number C. A prime number D. A negative integer
15	$(7,9) + (3,-5) =$	A. (4,4) B. (10,4) C. (9,-5) D. (7,3)
16	Question Image	
17	$i^2 =$	A. 1 B. 2 C. -1 D. 0
		A. An irrational number

18  $\frac{3}{2}$  is

- B. Whole number
- C. A positive integer
- D. A rational number

19 In  $\mathbb{R}$ , the additive inverse of  $a$  is

- A. 0
- B. 1
- C.  $-a$
- D.  $\frac{1}{a}$

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