

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

Sr	Questions	Answers Choice
1	π is _____	A. A complex number B. A rational number C. A natural number D. An irrational number
2	Question Image	
3	Question Image	
4	24 can be written as a product of	A. Odd factors B. Even factors C. Whole factors D. Prime factors
5	Question Image	A. Associative property of addition B. Associative property of multiplication C. Commutative property of addition D. Commutative property of multiplication
6	Additive inverse of $-a - b$ is	A. a B. $-a + b$ C. $a - b$ D. $a + b$
7	Question Image	
8	Question Image	A. A prime number B. An integer C. A whole number D. An irrational number
9	What is the conjugate of $-6 - i$?	A. $-6 + i$ B. $6 + i$ C. $-6 - i$ D. $6 - i$
10	Every irrational number is	A. A real number B. A prime number C. A natural number D. An integer
11	Question Image	
12	Question Image	A. Principle of equality of fractions B. Rule for product of fractions C. Golden rule for fractions D. Rule for quotient of fractions
13	The multiplicative inverse of 0 is	A. 1 B. -1 C. 0 D. Does not exist
14	$a > b \Rightarrow a + c > b + c$ is known as	A. Trichotomy property B. Additive property of inequality C. Transitive property D. Multiplicative property
15	The multiplicative inverse of $1 - 2i$ is	
16	Name the property used in $100 + 0 = 100$	A. Additive inverse B. Multiplicative inverse C. Additive identity D. Multiplicative identity
17	If P is a whole number greater than 1, which has only P and 1 as factors. Then P is called	A. Whole number B. Prime number C. Even number D. Odd number
		A. (4,4)

18 $(7,9) + (3,-5) =$

- B. (10,4)
- C. (9,-5)
- D. (7,3)

19 $(a, b) + (-a, -b) =$

- A. (0,0)
- B. (a, b)
- C. (-a, -b)
- D. (1, 1)

20 $\frac{3}{4}$ is _____

- A. An odd number
- B. An even number
- C. A natural number
- D. A rational number