

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

Sr	Questions	Answers Choice
1	Question Image	B. 1 D1
2	π is	A. A complex number B. A rational number C. A natural number D. An irrational number
3	The multiplicative inverse of (a,b) is	
4	If P is a whole number greater than 1, which has only P and I are factors. Then P is called	A. Wholw number B. Prime number C. Even number D. Odd number
5	Question Image	A. x C. y
6	1/3 is	A. A prime number B. An integer C. A rational number D. An irrational number
7	Question Image	A. A natural number B. A rational number C. An irrational number D. A whole number
8	Every recurring decimal represents	A. A natural number B. A rational number C. An irrational number D. A whole number
9	Any recurring decimal represents a	A. Irrational no B. Integer C. Rational no D. None of these
10	<i>j</i> ² =	A. 1 B. 2 C1 D. 0
11	Question Image	
12	\forall a,b, c ϵ R ac = bc \Rightarrow a = b, c \neq 0 is a	A. Symmetric property B. Cancellation property w.r.t multiplication C. Reflexive property D. Transitive property
13	Question Image	A. $(a + b)c = a \cdot c + bc$ B. $a + b = b + a$ C. $(a + b) + c = a + (b + c)$ D. $a(b+c) = ab + ac$
14	Question Image	A. 0 B. 1 C1 D. 2
15	Question Image	
16	Zero is	A. An irrational number B. A rational number C. A negative integer D. A positive number
17	Which element is the additive inverse of (a, b) in Complex numbers?	A. (a, 0) B. (0, b) C. (a, b) D. (-a, -b)
		A. Rational number

18	Every prime number is also	B. Even number C. Irrational number D. Multiple of two numbers
19	Question Image	A. Principle of equality of fractions B. Rule for product of fraction C. Rule for quotient of fraction D. Golden rule of fractions
20	The negative square root of 9 can be written as:	A√9 B. √9 C. √18 D√18