

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

Sr	Questions	Answers Choice
1	The symbol of irrational is	A. W B. N C. Q D. Q <i>'</i>
2	In (x + iy), y is called as	A. Imaginary part B. Complex number C. Real part D. None of above
3	In R the right cancellation property w.r.t. addition is	
4	$\sqrt{2}$ is a number	A. Rational B. Irrational C. Even D. Odd
5	Question Image	
6	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
7	Every prime number is also	A. Rational number B. Even number C. Irrational number D. Multiple of two numbers
8	Question Image	A8 B. 8 C. 8i D. 32
9	Question Image	B. 1 D1
10	Question Image	A. additive property B. multiplicative property C. additive identity D. multiplicative identity
11	Multiplicative inverse of "1" is	A. 0 B. ±1 C. 1 D. {0,1}
12	It is not possible to find the exact value of	A. π B. √9 C. ∜27 D. √1
13	π is	A. A complex number B. A rational number C. A natural number D. An irrational number
14	$\forall z \in C$, multipliucative is	A. (1,1) B. (1,0) C. (0,1) D. None of these
15	Question Image	A. Multiplication property B. Additive property C. Trichotomy property D. Transitive property of inequality
16	Question Image	A. A rational number B. A irrational number C. An even integer D. A factor of 36
17	(a-1)-1 =	A. a-1 B. a Ca

	D. None of above
Some of two real numbers is also a real number , this property is called:	 A. Commutative property w.r.t addition B. Closure property w.r.t. addition C. Associative property w.r.t. addition D. Distributive property w.r.t addition
π is the ration of	A. Area of a circle to its diameter B. Area of a circle to its radius C. Circumference of a circle to its diameter D. Circumference of circle to its radius
The identity element with respect to subtraction is	A. 0 B1 C. 0 and 1 D. None of thes
	π is the ration of