

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

Sr	Questions	Answers Choice
1	Question Image	
2	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
3	Any recurring decimal represents a	A. Irrational no B. Integer C. Rational no D. None of these
4	3/2 is	A. An irrational numberB. Whole numberC. A positive integerD. A rational number
5	Gooch crucible is made of :	A. Brass. B. Porcelain. C. Bronze. D. Gold.
6	QUQ, =	A. N B. R C. W D. Z
7	Question Image	A8 B. 8 C. 8i D. 32
8	Question Image	A. 15 B. 15 i C15 i D15
9	If 4 > b or a < b than a = b is a	A. Additive propertyB. Transitive propertyC. Trichotomy property of inequalityD. None of above
10	The identity element with respect to subtraction is	A. 0 B. 1 C1 D. Does not exist
11	Name the property used in a (b-c) = ab - ac	A. commutative property of multiplication B. distributive property of multiplication C. associative property of multiplication D. multiplicative inverse
12	Every whole number is	A. A real numberB. An irrational numberC. A prime numberD. A negative integer
13	Question Image	
14	O is	A. A positive integerB. A negative integerC. A natural numberD. An integer
15	0.25 is	A. An irrational number B. A natural number C. A prime number D. A rational number
16	The multiplicative inverse of 0 is	A. 1 B1 C. 0

		D. Does not exist
17	In set builder notation the set {0,1,2,100} can be written as	A. $\{x \mid x \in B\ \land x \le 100\}$ B. $\{x \mid x \in W\ \land x\ \< 101\}$ C. $\{x \mid x \in Z \land x\ \< 101\}$ D. The set of first 100 whole numbers
18	Question Image	A. Reflexive property B. Symmetric property C. Cancellations property w.r.t. addition D. Transitive property
19	Question Image	A. Commutative law of multiplication B. Closure law of multiplication C. Associative law of multiplication D. Multiplication identity
20	In R the right cancellation property w.r.t. addition is	