

ECAT Mathematics Chapter 1 Number System MCQ's Test

Sr	Questions	Answers Choice
OI .	QUOSILOTIO	A. A complex number
1	Question Image	B. A rational number C. A natural number D. An irrational number
2	Question Image	A. 0 B. 1 C1 D. 2
3	6 is	A. A prime integerB. An irrational numberC. A rational numberD. An odd integer
4	The value of x and y when $(x + iy)2 = 5 - 4i$	A. x = 2, y = -1 B. x = -2, y = 1 C. x = 2, y = -i D. x = 2, y = 2
5	The decimal fraction in which we have finite number of digits in its decimal part is called.	A. recurring decimal fraction B. Non terminating faction C. Non recurring fraction D. terminating decimal fraction
6	Question Image	A. Associative property of addition B. Commutative property of addition C. Distributive property D. Additive identity
7	Question Image	A. additive property B. multiplicative property C. additive identity D. multiplicative identity
8	1/3 is	A. A prime numberB. An integerC. A rational numberD. An irrational number
9	In R the number of identity elements w.r.t.'.' is	A. One B. Two C. Three D. Four
10	Question Image	
11	$\forall a,b,c \in R, a > b \land b > c \Rightarrow a > c is$	A. Trichotomy property B. Transitive property C. Symmetric property D. Additive property
12	Question Image	B. 1 C1
13	In R, the multiplicative inverse of a is	A. 0 B. 1 Ca D. 1/a
14	Question Image	A. Closure law of addition B. Associative law of addition C. Commutative law of multiplication D. Associative law of multiplication
15	Question Image	A. A positive integer B. A negative integer C. A natural number D. An irrational number
16	A prime number can be a factor of a square only if it occurs in the square at least	A. Once B. Thirce C. Twice D. None of these

7	Question Image	
8	Question Image	
9	In R, the additive inverse of a is	A. 0 B. 1 Ca D. 1/a
20	Every real number is	A. a positive integer B. a rational number C. a negative integer D. a complex number