

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

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. A natural number B. A rational number C. An irrational number D. A whole number
3	Question Image	A. A rational number B. A natural number C. An irrational number D. An integer
4	Question Image	
5	1/3 is	A. A prime number B. An integer C. A rational number D. An irrational number
6	$a.a^{-1} = a^{-1}.a = 1$ is a	 A. Commutative law of multiplication B. Multiplicative identity C. Associative law of multiplication D. Multiplicative inverse
7	_i 101 ₌	A. i B. i ² Ci D1
8	202.04 is an example of	A. Recurring decimalsB. Non-recurring decimalsC. Terminating decimalsD. None of above
9	1/3 is a decimal	A. Recurring B. Terminating C. Non-terminating D. None of the above
10	Question Image	A. Reflexive property B. Symmetric property C. Cancellations property w.r.t. addition D. Transitive property
11	The additive inverse of 1 is	A. 1 B1 C. 0 D. Does not exist
12	Question Image	A. A rational number B. A irrational number C. An even integer D. A factor of 36
13	√2 is a number	A. Rational B. Irrational C. Even D. Odd
14	Question Image	A. x C. y
15	$\forall x,y \in R$ and $x < 0$, $y < 0$, which one is true	A. xy < o B. xy = o C. xy > o D. None of these
16	\forall a,b, c ε R,a +c = b + c = > a = b	A. Reflexive property B. Symmetric property C. Cancellations property w.r.t. addition D. Transitive property

17	Question Image	A. 1 B. 3 C. 2-i D1
18	Question Image	A. A positive integer B. A negative integer C. A natural number D. An irrational number
19	Question Image	
20	If $z = (x,y)$, then $z = $	A. (-x,y) B. (x,-y) C. (-x, -y) D. None of these