

ECAT Mathematics Chapter 1 Number System MCQ's Test

Sr	Questions	Answers Choice
1	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
2	Any whole number can be written as a product of factors which are	A. Odd numbers B. Prime number C. Rational number D. Even number
3	Name the property used in 1000 x 1 = 1000	A. additive inverse B. multiplicative inverse C. additive identity D. multiplicative identity
4	1/3 is a decimal	A. Recurring B. Terminating C. Non-terminating D. None of the above
5	Question Image	
6	The real number system contains.	A. Positive Numbers B. Negative numbers C. Zero D. (option a, b and c)
7	Question Image	A. additive property B. multiplicative property C. additive inverse D. additive identity
8	1/3 is	A. A prime numberB. An integerC. A rational numberD. An irrational number
9	/-(4n+2) =	A. 1 B. i C1 Di
10	The $\!$	A. Positive square root B. Negative square root C. +ve and -ve square root D. Whole number
11	The negative square root of 9 can be written as:	A√9 B. √9 C. √18 D√18
12	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 = -1 D. X = 2, y = 2
13	Question Image	
14	Which element is the additive inverse of (a,b) in Complex numbers	A. (a,0) B. (0,b) C. (a,b) D. (-a,-b)
15	Question Image	A. Reflexive property B. Symmetric property C. Transitive property D. Additive property
16	For any real numbers x,y,xy=o ⇒	A. $x \neq 0 \land y \neq 0$ B. $x = 0$ $\lor y = 0$ C. $x = 0$ D. $y = 0$

17	Question Image	
18	Gooch crucible is made of :	A. Brass. B. Porcelain. C. Bronze. D. Gold.
9	Question Image	A. A positive integer B. A negative integer C. A natural number D. An irrational number
20	(a,b) +(-a,-b) =	A. (0,0) B. (a,b) C. (-a,-b) D. (1,1)