

## ECAT Mathematics Chapter 23

Sr	Questions	Answers Choice
1	Multiplicative inverse of "1" is	A. 0 B. -1 C. 1 D. {0, 1}
2	The multiplicative inverse of x such that $x \neq 0$ is	A. -x B. does not exist C. $1/x$ D. 0
3	The complement of set A relative to universal set U is the set	
4	Question Image	A. $A = C$ B. $A = B$ C. $B = C$ D. None of these
5	Question Image	A. 4 B. 3 C. 2 D. 1
6	Question Image	
7	$G = \{e, a, b, c\}$ is an Abelian group with e as identity element. The order of the other elements are	A. 2, 2, 2 B. 3, 3, 3 C. 2, 2, 4 D. 2, 3, 4
8	$Z$ is the set of integers, $(Z, *)$ is a group with $a * b = a + b + 1$ , $a, b \in G$ . then inverse of a is	A. -a B. $a + 1$ C. -2 -a D. None of these
9	Question Image	
10	Question Image	D. none of these
11	The negation of a number	A. a relation B. a function C. unary operation D. binary operation
12	Question Image	D. none of these
13	Question Image	A. square root function B. identity function C. linear function D. quadratic function
14	The graph of a linear function is	A. a circle B. triangle C. a straight line D. none of these
15	Question Image	A. a constant function B. linear function C. quadratic function D. none of these
16	Question Image	
17	Question Image	
18	Question Image	
19	Question Image	
20	Question Image	