

ECAT Pre General Science Mathematics Chapter 2 Set, Functions and Groups Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	The set R isw.r.t subtraction	A. Not a group B. A group C. No conclusion drawn D. Non commutative group
3	Question Image	
4	(A∪B)∪C=	A. A∩B(B∪C) B. A∪(B∪C) C. A∪(B∩C) D. None of these
5	The multiplicative inverse of -1 in the set {1-,1} is	A. 1 B1 C. ±1 D. 0 E. Does not exist
6	if A = (x/x€ Q^ 0 < x < 1}, the A is	A. Infinite set B. Finite set C. Set of rational numbers D. Set of real numbers
7	If A ⊆ B then A ∪ B is	A. A B. B C. A' D. A ∩B
8	Question Image	D. None of these
9	A function in which the second elements of the order pairs are distinct is called	A. Onto function B. One-one function C. Identity function D. Inverse function
10	The negation of given number is a	A. Binary operation B. Unary operation C. Relation D. None of these
11	Question Image	
12	Question Image	A. A is proper subset of B B. A is an improper subset of B C. A is equivalent to B D. B is subset of A
13	If B ={x/x€ Z ^- 3 < x < 6}, then n (B) =	A. 5 B. {-3,-2,-1,0,1,2,3,4,5,6} C. 8 D. 9
14	The set of even prime numbers is	A. (2,4,6,8,10) B. {2,4,6,8,10,12} C. {1,3,5,7,9} D. {2}
15	{x x∈R∧x≠x} is a	A. Infinite set B. Null set C. Finite set D. None of these
16	Question Image	
17	If B-A≠φ , then n(B-A) is equal to	A. n(a)+n(c) B. n(c)-n(a) C. n(a)-n(c) D. None of these
18	Question Image	A. A onto B B. both a & C. A into B

		D. none of these
19	Question Image	Ax B. Infinite set C. {-4, 4} D. None of these
20	What is the number of elements of the power set of {0, 1}	A. 1 B. 2 C. 3 D. 4