

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

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Sr	Questions	Answers Choice
1	Question Image	
2	Two sets A and B are said to be disjoint if	
3	Which of the following is the subset of all sets?	
4	Question Image	
5	Question Image	
6	Question Image	
7	{1, 2, 3} is	A. an infinite set B. A finite set C. A singleton set D. Universal set
8	If T = {2,4,6,8,10,12}, then	A. T = (First six natural numbers) B. T = (First six odd numbers) C. T = (First six real numbers) D. T = (First six even numbers)
9	Question Image	A. 1 B. 12 C. 5 D. 29
10	What is the number of elements of the power set of {0, 1}	A. 1 B. 2 C. 3 D. 4
11	Question Image	
12	The total number of subsets that can be formed out of the set {a, b, c} is	A. 1 B. 4 C. 8 D. 12
13	The set of whole numbers is subset of	A. The set on integers B. The set of natural numbers C. {1, 3, 5, 7,} D. The set of prime numbers
14	Question Image	
15	Question Image	
16	The identity elements with respect to subtraction is	A. 0 B. 1 C1 D. Does not exist
17	The set of complex numbers forms a group under the binary operation of	A. Addition B. Multiplication C. Division D. Subtraction
18	Question Image	A. Addition B. Multiplication C. Division D. Both addition and multiplication
19	If A=B, then	A. A⊂B and B⊂A B. A⊆B and B⊈A C. A⊆B and B⊆A D. None of these
20	If B⊆ A, then complement of B in A is =	A. A-B B. A∩B C. B-A D. A∪B

