ECAT Mathematics Chapter 2 Set, Functions and Groups

Sr	Questions	Answers Choice
1	Two sets A and B are said to be disjoint if	
2	The graph of a linear function is	A. a circle B. triangle C. a straight line D. none of these
3	Z is a	A. Infinite set B. Finite set C. Singleton set D. Set of all integers
4	Question Image	
5	The set of the first elements of the orders pairs forming a relations is called its	A. Relation in B B. Range C. Domain D. Relation in A
6	The set of the first elements of the ordered pairs forming a relation is called its	A. Function on B B. Range C. Domain D. A into B
7	Question Image	B. A C. A' D. U
8	Question Image	A. A B. A' C. U D. None of these
9	{x : xε Z and x < 1} is	A. Singleton set B. A set with two points C. Empty set D. None of these
10	(A∩Bc)c= ----------	A. Ac∪Bc B. Ac∪B C. Ac∩B D. None of these
11	If a 1-1 correspondence can be established b/w two sets A and B, then they are called	A. Equal sets B. Equivalent sets C. Over lapping sets D. None of these
12	Decimal part of irrational number is	A. Terminating B. Repeating only C. Neither repeating nor terminating D. Repeating and terminating
13	A statement which is either true or false is called	A. Induction B. Deduction C. Propositicon D. Logic
14	The set of complex numbers forms	A. Commutative group w.r.t addition B. Commutative group w.r.t multiplication C. Commutative group w.r.t division D. Non commutative group w.r.t addition
15	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
16	Question Image	A. A = C B. A = B C. B = C D. None of these

17	Question Image	A. A B. B C. U D. None of these
18	Question Image	
19	Let A,B and C be any sets such that $A \cup B = A \cup C$ and $A \cap B = A \cap C$ then	A. A = B B. B = C C. A≠ C D. A ≠ B
20	Question Image	