ECAT Mathematics Chapter 4 Functions & Groups

Sr	Questions	Answers Choice
1	The set of first elements of the ordered pairs forming the relation is called its	A. domain B. range C. ordered paris D. relation
2	If A is non-empty set, any subset of AxA is called a relation in a	A. A B. B C. D D. r
3	The set of first elements of the ordered pairs forming the relation is called is	A. Domain B. Range C. Ordered paris D. Relation
4	Which of the following notation defines AxB	
5	If no two elements of ordred pair of a function from A into B are equal, then it is called	A. surjective B. injuctive C. bijective D. on to
6	Function is a special type of	A. relation B. ordered pairs C. cartesian product D. sets
7	A relation a into B in which Domain is not equal to a, is called.	A. Into function B. on to function C. None of these D. Surjective
8	The graph of a constant line is	A. vertical line B. parabola C. circle D. horizontal line
9	Question Image	A. similar images B. distinct images C. similar range D. option a and c
10	Which of the following is surjective	
11	Which of the following represent injuctive function	
12	The net of cartesian product AxB consists of	A. domain B. range C. binary relation D. ordered pair
13	A function f from A to B can be written as	
14	Question Image	A. injuctive as well as surjective B. both onto and into C. one - one and into D. only (1 - 1)
15	If no two elements of ordered pair of a functions from A into B are equal, then it is called.	A. Surjective B. Injuctive C. Bijective D. Onto
16	(a,b) = (c,d) if and only if	A. a=b and c =d B. a = d and b = c C. a = c and b = d D. a - b = c -d
17	Let A and B be two non-empty sets, then any subset of the cartesian product AxB is called a	A. function B. domain C. range D. binary relation
		A. inverse

18	The inverse of a line is	B. Line C. quadratic D. Circle
19	Question Image	
20	ax+by+c = 0, represent a	A. circle B. parabola C. straight line D. quadratic circle