FSC Part 2 Mathematics Chapter 5 Online Test

Sr	Questions	Answers Choice
1	Question Image	A. At B. Not on C. On D. None of these
2	There are _____ feasible solutions in the feasible region:	A. Finitely B. Two C. Infinitely many D. Three
3	x = c is a vertical line parallel to _____.	A. x-axis B. y-axis may be C. y-axis D. None of these
4	A region, which is restricted to the _____ quadrant, is referred to as a feasible region for the set of given contraints.	A. First B. Third C. Second D. Fourth
5	The operation _____ by a positive constant to each side of inequality will affect the order (or sense) of inequality:	A. Adding B. Subtracting C. Multiplying D. None of these
6	A corner point is the point of intersection of:	A. x-axis & y - axis B. Boundary lines C. Any two lines D. None
7	A solution of a linear inequality in x and y is an ordered pair of numbers, which _____ the inequality.	A. Does not satisfy B. May be stisfied C. Satisfies D. None of these
8	Question Image	A. One variable B. Three variable C. Two variable D. Four variable
9	Question Image	A. Open B. Closed C. Open as well as closed D. None of these
10	A line which divides a plane into two parts is called:	A. Boundary point B. Boundary line C. Feasible line D. None
11	y = b is a horizontal line parallel to _____:	A. x - axis B. x - axis may be C. y - axis D. None of these
12	ax + b > c is an inequality of:	A. One variable B. Three variable C. Two variable D. Four variable
13	A function, which is to be maximized or minimized is called an _____:	A. Maximum function B. Objective funciton C. Minimum function D. None of these
14	Question Image	A. Left or right B. Upper or lower C. Open D. None of these
15	Question Image	A. Above B. Left C. Below D. Right

16	The ordered pair _____ is a solution of the inequality x + 2y < 6.	A. (3, 3) B. (1, 1) C. (4, 4) D. (5, 5)
17	The system of _____ involved in the problem concerned is called problem constraints:	A. Linear inequalities B. Equations C. Linear equalities D. None of these
18	The graph of 2x + y < 2 is the open half plane which is _____ the origin side of 2x + y = 2:	A. At B. Not an C. On D. None of these
19	ax + b < c is a inequality of:	A. One variable B. Two variable C. Three variable D. Four variable
20	The feasible solution, which maximizes or minimizes the objective function, is called the _____:	A. Maximum solution B. Optimal solution C. Minimum solutions D. None of these