FSC Part 2 Mathematics Full Book Online Test

Sr	Questions	Answers Choice
1	There are _____ feasible solutions in the feasible region:	A. Finitely B. Two C. Infinitely many D. Three
2	The feasible region is _____ if it can easily by enclosed within a circle.	A. Bounded B. Exist C. Unbounded D. None of these
3	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
4	A corner point is the point of intersection of:	A. x-axis & y - axis B. Boundary lines C. Any two lines D. None
5	A point of a solution region where two of its boundary lines intersects is called a _____ point of the solution region:	A. Maximum B. Corner C. Minimum D. None of these
6	A line which divides a plane into two parts is called:	A. Boundary point B. Boundary line C. Feasible line D. None
7	The graph of linear equation of the form ax + by = c is a line, which divides the plane into _____ disjoint regions, where a, b and c are constants and a, b are not both zero.	A. One B. Two C. Thre D. None of these
8	For different values of k, the equation 4x + 5y = k represents lines _____ to the line 4x + 5y = 0.	A. Perpendicular B. Parallel C. Equal D. None of these
9	Question Image	A. At B. Not on C. On D. None of these
10	Question Image	A. Left or right B. Upper or lower C. Open D. None of these
11	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
12	Question Image	A. Open B. Closed C. Open as well as closed D. None of these
13	The order (or sense) of an inequality is changed by _____, it each side by a negative constant.	A. Adding B. Subtracting C. Dividing D. None of these
14	There are _____ ordered pairs that satisfy the inequality ax + by > c.	A. Finitely many B. Two C. Infinitely many D. Four
15	The region of the graph ax + by > c is called _____ half plane:	A. Open B. Boundary of C. Closed D. None of these

16	The graph of linear equation of the form ax + by = c is a _____ where a, b and c are constants and a, b are not both zero.	A. Curve B. Circle C. Straight line D. Parabola
17	Question Image	A. One variable B. Three variable C. Two variable D. Four variable
18	ax + by < c is an inequality of:	A. One variable B. Threevariable C. Twovariable D. Fourvariable
19	The non-negative inequalities are called:	A. Parameters B. Constants C. Decision variables D. Vertices
20	Question Image	A. Above B. Left C. Below D. Right