FA Part 2 Mathematics Chapter 5 Test Online

Sr	Questions	Answers Choice
1	x = c is a vertical line parallel to _____.	A. x-axis B. y-axis may be C. y-axis D. None of these
2	Non-vertical lines divide the plane into_____half plane:	A. Upper and lower B. Many C. Left and Right D. None of these
3	The region of the graph ax + by > c is called _____ half plane:	A. Open B. Boundary of C. Closed D. None of these
4	ax + b < c is a inequality of:	A. One variable B. Two variable C. Three variable D. Four variable
5	x = 4 is the solution of inequality:	A. x + 3 > 0 B. x - 3 < 0 C. -2x + 3 > 0 D. x + 3 < 0
6	Question Image	A. (1, 1) B. (1, 3) C. (1, 4) D. (1, 5)
7	The inequality x < a is the open half plane to the _____ of the boundary line x = a:	A. Above B. Left C. Below D. Right
8	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
9	Question Image	A. At B. Not on C. On D. None of these
10	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
11	The ordered pair _____ is a solution of the inequality x + 2y < 6.	A. (3, 3) B. (1, 1) C. (4, 4) D. (5, 5)
12	Question Image	A. Above B. Left C. Below D. Right
13	ax + b > c is an inequality of:	A. One variable B. Three variable C. Two variable D. Four variable
14	ax + by < c is an inequality of:	A. One variable B. Threevariable C. Twovariable D. Fourvariable
15	Question Image	A. One variable B. Three variable C. Two variable D. Four variable

16	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
17	The feasible region is _____ if it can easily by enclosed within a circle.	A. Bounded B. Exist C. Unbounded D. None of these
18	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
19	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
20	$x = 2$ is a vertical line perpendicular to _____:	A. x - axis B. x - axis may be C. y - axis D. None of these