

FA Part 2 Mathematics Chapter 5 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. Open B. Closed C. Open as well as closed D. None of these
2	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
3	There are _____ ordered pairs that satisfy the inequality $ax + by > c$.	A. Finitely many B. Two C. Infinitely many D. Four
4	The region of the graph $ax + by > c$ is called _____ half plane:	A. Open B. Boundary of C. Closed D. None of these
5	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
6	Question Image	A. One variable B. Three variable C. Two variable D. Four variable
7	$ax + by < c$ is an inequality of:	A. One variable B. Threevariable C. Twovariable D. Fourvariable
8	The non-negative inequalities are called:	A. Parameters B. Constants C. Decision variables D. Vertices
9	Question Image	A. Above B. Left C. Below D. Right
10	$x = 2$ is a vertical line perpendicular to _____:	A. x - axis B. x - axis may be C. y - axis D. None of these
11	The inequality $y > b$ is the open half plane to the _____ of the boundary line $y = b$:	A. Above B. Left C. Below D. Right
12	$ax + b > c$ is an inequality of:	A. One variable B. Three variable C. Two variable D. Four variable
13	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
14	$ax + b < c$ is a inequality of:	A. One variable B. Two variable C. Three variable D. Four variable
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 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
18	$y = b$ is a horizontal line perpendicular to _____:	A. x - axis B. y - axis may be C. y - axis D. None of these
19	$y = b$ is a horizontal line parallel to _____:	A. x - axis B. x - axis may be C. y - axis D. None of these
20	$x = a$ is a vertical line perpendicular to _____.	A. x - axis B. x - axis may be C. y - axis D. None of these