

FA Part 2 Mathematics Chapter 5 Test Online

Sr	Questions	Answers Choice
1	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
2	A line which divides a plane into two parts is called:	A. Boundary point B. Boundary line C. Feasible line D. None
3	The ordered pair is a solution of the inequality x + 2y < 6.	A. (3, 3) B. (1, 1) C. (4, 4) D. (5, 5)
4	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
5	x = a is a vertical line perpendicular to	A. x - axis B. x - axis may be C. y - axis D. None of these
6	There are ordered pairs that satisfy the inequality ax + by > c.	A. Finitely many B. Two C. Infinitely many D. Four
7	The region of the graph ax + by > c is called half plane:	A. Open B. Boundary of C. Closed D. None of these
8	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
9	ax + by < c is an inequality of:	A. One variable B. Threevariable C. Twovariable D. Fourvariable
		A. At
10	Question Image	B. Not on C. On D. None of these
11	A corner point is the point of intersection of:	A. x-axis & amp; y - axis B. Boundary lines C. Any two lines D. None
12	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
13	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
		A. One variable
14	Question Image	B. Three variable C. Two variable D. Four variable
15	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

16	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
17	Question Image	A. (1, 1) B. (1, 3) C. (1, 4) D. (1, 5)
18	ax + b > c is an inequality of:	A. One variable B. Three variable C. Two variable D. Four variable
19	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
20	x = 4 is the solution of inequality:	A. x + 3 > 0 B. x - 3 < 0 C2x + 3 > 0 D. x + 3 < 0