

ICS Part 2 Mathematics Chapter 5 Test Online

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. One variable B. Three variable C. Two variable D. Four variable
2	A corner point is the point of intersection of:	A. x-axis & y - axis B. Boundary lines C. Any two lines D. None
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Above B. Left C. Below D. Right
4	$x = 2$ is a vertical line perpendicular to _____:	A. x - axis B. x - axis may be C. y - axis D. None of these
5	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
6	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
7	$x = a$ is a vertical line perpendicular to _____.	A. x - axis B. x - axis may be C. y - axis D. None of these
8	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
9	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. One variable B. Three variable C. Two variable D. Four variable
10	There are _____ ordered pairs that satisfy the inequality $ax + by > c$.	A. Finitely many B. Two C. Infinitely many D. Four
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	The feasible region is _____ if it can easily by enclosed within a circle.	A. Bounded B. Exist C. Unbounded D. None of these
13	$y = b$ is a horizontal line perpendicular to _____:	A. x - axis B. y - axis may be C. y - axis D. None of these
14	There are _____ feasible solutions in the feasible region:	A. Finitely B. Two C. Infinitely many D. Three
15	The system of _____ involved in the problem concerned is called problem constraints:	A. Linear inequalities B. Equations C. Linear equalities D. None of these

16	The region of the graph $ax + by > c$ is called _____ half plane:	A. Open B. Boundary of C. Closed D. None of these
17	A function, which is to be maximized or minimized is called an _____:	A. Maximum function B. Objective function C. Minimum function D. None of these
18	$x = 4$ is the solution of inequality:	A. $x + 3 > 0$ B. $x - 3 < 0$ C. $-2x + 3 > 0$ D. $x + 3 < 0$
19	$ax + b > c$ is an inequality of:	A. One variable B. Three variable C. Two variable D. Four variable
20	The order (or sense) of an inequality is changed by _____, if each side by a negative constant.	A. Adding B. Subtracting C. Dividing D. None of these
