


## ICS Part 2 Mathematics Chapter 5 Test Online

Sr	Questions	Answers Choice
1	Question Image <input type="text"/>	A. Above B. Left C. Below D. Right
2	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
3	$ax + b < c$ is a inequality of:	A. One variable B. Two variable C. Three variable D. Four variable
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	$ax + by < c$ is an inequality of:	A. One variable B. Threevariable C. Twovariable D. Fourvariable
6	If the line segment obtained by joining any two points of a region lies entirely within the region, then the region is called _____:	A. Maximum B. Vertex C. Minimum D. Convex
7	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
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	There are _____ feasible solutions in the feasible region:	A. Finitely B. Two C. Infinitely many D. Three
10	The ordered pair _____ is a solution of the inequality $x + 2y < 6$ .	A. (3, 3) B. (1, 1) C. (4, 4) D. (5, 5)
11	(1, 0) is the solution of inequality :	A. $7x + 2y \leq 8$ B. $x - 3y \leq 0$ C. $3x + 5y \geq 6$ D. $-3x + 5y \geq 2$
12	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
13	Question Image <input type="text"/>	A. At B. Not on C. On D. None of these
14	Question Image <input type="text"/>	A. (1, 1) B. (1, 3) C. (1, 4) D. (1, 5)
15	$y = b$ is a horizontal line perpendicular to _____:	A. x - axis B. y - axis may be C. y - axis D. None of these

16	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
17	The feasible region is _____ if it can easily be enclosed within a circle.	A. Bounded B. Exist C. Unbounded D. None of these
18	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
19		A. One variable B. Three variable C. Two variable D. Four variable
20	$-4 < y < 4$ is the solution of the following:	A. $y = 5$ B. $y = 3$ C. $y = -4$ D. $y = 4$