

## Linear Equations and Inequalities

Sr	Questions	Answers Choice
1	<input type="text" value="Question Image"/>	A. Equation B. Identity C. Inequality D. Linear equation
2	<input type="text" value="Question Image"/>	A. Closed right B. Closed left C. Open right D. Open left
3	Corner point is also called	A. Code B. Vertex C. Curve D. Region
4	If $7x + 4 < 6x + 6$ , then x belongs to the interval	
5	$x = \dots\dots\dots$ is not a solution of inequality $x < -3/2$	A. -1.5 B. -2.5 C. -3 D. -2
6	The graph of inequality $y > 0$ is half plane.	A. lower B. Upper C. Right D. Left
7	The linear equation formed out of the linear inequilty is called	A. Linear equation B. Associated equation C. Quadratic equal D. None of these
8	The graph of inequality $x > 0$ is half palne	A. Upper B. Left C. right D. lower
9	$3x + 4 < 0$ is	A. Equation B. Inequality C. Identity D. Not inequality
10	Whcih of the following line does pass through the origin.	A. $y = 4$ B. $y = 4x$ C. $y = 4x + 5$ D. $y < -2$
11	$x=0$ is a solution of the inequality	A. $x > 0$ B. $3 < 0$ C. $x+2 < 0$ D. $x-2 < 0$
12	A functin that is to be maximized or minimized is called.	A. Solution function B. Objective function C. Feasibel functioned D. None of these
13	In the following linear equation is	A. $5x > 7$ B. $4x - 2 < 1$ C. $2x + 1 = 1$ D. $4 = 1 + 3$
14	The graph of inequalty $x < 0$ is half plane	A. Lower B. Upper C. Right D. Left
15	<input type="text" value="Question Image"/>	D. 16
16	A vertical line divides the plane into	A. Left half plane B. Right half plane C. Full plane D. Two half plane
		A. Closed lower

17	Question Image	B. Closed Upper C. Open lower D. Open upper
18	(0,0) is solution of inequality	A. $4x + 5y > 8$ B. $3x + y > 6$ C. $-2x + 3y < b$ D. $x + y > 4$
19	The solution of inequality $x < 1$ is	
20	The solution region of inequality $x < 1$ is half plane	A. Closed right B. Closed left C. Open right D. Open left