

## ICS Part 2 Mathematics Chapter 4 Test Online

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Sr	Questions	Answers Choice
1	The horizontal line x' ox is called:	A. x-axis B. y-axis C. abscissa D. ordinate
2	y = 2x + 3 is the;	A. Slope-intercept form B. Two points form C. Point slope form D. Intercepts form
3	The ratio in which x-axis divides the line segment joining the points:	A. 1:1 B. 1:3 C. 1:5 D. 1:2
4	ax + by + c = 0, will represent equation of straight line parallel y-axis if:	A. a = 0 B. b = 0 C. c = 0 D. a = 0, c = 0
5	Inclination of X-axis or of any line parallel to X-axis is:	A. Zero D. Undefined
6	If $(1, x)$ is the mid point of the line segment joining the points $(1, 2)$ & $(1, 6)$ then $x =$	A. 1 B. 2 C. 3 D. 4
7	The line x = a is on the right of y - axis if:	A. a > 0 B. a < 0 C. a = 0
8	The point of intersection of the medians of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
9	The equation of a straight line which parallel to the line $3x - 2y + 5 = 0$ and passes through $(2, -1)$ is:	A. $3x + 2y - 8 = 0$ B. $3x - 2y + 8 = 0$ C. $3x - 2y - 8 = 0$ D. $3x + 2y + 8 = 0$
10	If (x, y) are the coordinates of a point, then the first component of the ordered pair is called:	A. Abscissa B. Ordinate C. Coordinate axes D. None of these
11	The point $(2, 5)$ lies the lie $3x - y + 1 = 0$	A. Above B. Below C. On D. None
12	The point of intersection of the altitudes of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
13	A parallelogram is a rhombus if and only if its diagonals are:	A. Parallel B. Perpendicular C. Equal D. None of these
14	The point of intersection of internal bisectors of the angles of a triangle is called:	A. Centroid B. Ortho-centers C. Circums-center D. In-center
15	The coordinate axes divide the plane into equal parts:	A. 1 B. 2 C. 3 D. 4
16	If a pair of opposite sides of a quadrilateral are equal and parallel then it is:	A. Rectangle B. Rhombus C. Parallelogram

		D. None of these
7	Question Image	A. Parallel lines B. Non-parallel lines C. Perpendicular lines D. Coplanar lines
8	If the inclination of a line lies between ]90°, 180°[, then the slope of line is :	A. Positive B. Negative C. Zero D. undefined
9	y = -2 is a line:	A. Parallel to x-axis B. Parallel to y-axis C. Perpendicular to x-axis D. None of these
0	The point of intersection of the perpendicular bisectors of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center