

ICS Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	If (x, y) are the coordinate of a point ordered pair is called:	A. Abscissa B. Ordinate C. Coordinate D. Ordered pair
2	Point of intersection of lines $x - 2y + 1 = 0$ and $2x - y + 2 = 0$ equals:	A. (1, 0) B. (0, 1) C. (-1, 0) D. (0, -1)
3	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">Question Image</div>	A. 0 B. 2 C. 1 D. -1
4	A parallelogram is a rhombus if and only if its diagonals are:	A. Parallel B. Perpendicular C. Equal D. None of these
5	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
6	Distance of the point $(-2, 3)$ from y-axis is:	A. -2 B. 2 C. 3 D. 1
7	A pair of lines of homogeneous second degree equation $ax^2 + 2hxy + by^2 = 0$ are othogonal, if:	A. $a - b = 0$ B. $a + b = 0$ C. $a + b > 0$ D. $a - b < 0$
8	$y = 2x + 3$ is the;	A. Slope-intercept form B. Two points form C. Point slope form D. Intercepts form
9	<div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">Question Image</div>	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these
10	If the lien l is parallel to y-axis, then the slope of l is -----.	A. 0 B. 1 C. -1 D. undefined
11	Equation of a line parallel to x-axis:	A. $x = 0$ B. $x = y$ C. $y = a$ D. $x = a$
12	X-co-ordinate of centroid of triangle ABC with A(-2, 3); B(-4, 1); C(3, 5) equals:	A. -1 B. 1 C. 3 D. -3
13	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
14	The coordinate axes divide the plane into----- equal parts:	A. 1 B. 2 C. 3 D. 4
15	For any point (x, y) and y - axis:	A. $y = 0$ B. $y = -1$ C. $y = 1$ D. $x = 0$

16	A quadrilateral having two parallels and two non-parallel sides is called:	A. Trapezium B. Rectangle C. Rhombus D. None of these
17	A linear equation in two variables represents:	A. Circle B. Ellipse C. Hyperbola D. Straight line
18	The distance between the points (1, 2), (2, 1).	A. 1 D. 2
19	If a straight line is perpendicular to x-axis, then its slope is:	A. 0 B. 1 C. 2 D. Undefined
20	$y = -2$ is a line:	A. Parallel to x-axis B. Parallel to y-axis C. Perpendicular to x-axis D. None of these
