ICS Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	Distance of the point (-3, 7) from x-axis is:	A. 3 B. -3 C. 7 D. 10
2	The coordinate axes divide the plane into---------- equal parts:	A. 1 B. 2 C. 3 D. 4
3	The line x = a is on the right of y - axis if:	A. a > 0 B. a < 0 C. a = 0
4	The vertical line y'oy is called:	A. x-axis B. y-axis C. abscissa D. Ordinate
5	The centroid of a triangle is a point that divides each median in the ratio:	A. 2 : 1 B. 2 : 3 C. 1 : 3 D. 4 : 3
6	The ratio in which the line segments joining (2, 3) and (4, 1) is divided by the line joining (1, 3) and (4, 3) is:	A. 2 : 1 B. 3 : 1 C. 1 : 2 D. 1 : 1
7	A linear equation in two variables represents:	A. Circle B. Ellipse C. Hyberbola D. Straight line
8	Question Image	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these
9	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
10	The distance of any point P (x, y) from the origin O(0 , 0) is given by:	
11	The point of intersection of the medians of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
12	If the directed distances AP and PB have same signs, then their ratio is positive and P is said to divide AB:	A. Internally B. May be divide C. Externally D. None of these
13	A quadrilateral having two parallels and two non-parallel sides is called:	A. Trapezium B. Rectangle C. Rhombus D. None of these
14	The equation to the straight line which passes through the point (2, 9) and makes an angle of 45° with x-axis is:	A. x + y + 7 = 0 B. x - y + 7 = 0 C. y - x + 7 = 0 D. None of these
15	Question Image	A. 4 B. 2 C. 1
16	Question Image	
17	The distance between the points (1, 2), (2, 1).	A. 1 D. 2

18	Infinite number of lines can pass through:	A. One point B. Two points C. Three points D. Four points
19	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
20	Equation of the line parallel to x + 3y - 9 = 0 is:	A. 3x - y - 9 = 0 B. 3x + 9y + 7 = 0 C. 2x - 6y - 18 = 0 D. x - 3y + 9 = 0