ICS Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	The distance between the points (1, 2), (2, 1).	A. 1 D. 2
2	ax + by + c = 0 has matrix from as:	B. |ax + by| = |-c| C. [ax + by] = [c] D. [ax - by] = [-c]
3	Distance of the point (-3, 7) from x-axis is:	A. 3 B. -3 C. 7 D. 10
4	The line x = a is on the right of y - axis if:	A. a > 0 B. a < 0 C. a = 0
5	Angle between the lines x + y + 1 = 0 & x - y + 4 = 0 is:	A. 30° B. 45° C. 60° D. 90°
6	The horizontal line x' ox is called:	A. x-axis B. y-axis C. abscissa D. ordinate
7	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
8	x = c is a line:	A. Perpendicular to x-axis B. Parallel to x-axis C. Perpendicular to y-axis D. None of these
9	The coordinate axes divide the plane into---------- equal parts:	A. 1 B. 2 C. 3 D. 4
10	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
11	Inclination of Y-axis or of any line parallel to Y-axis is:	B. Zero D. Undefined
12	If (2, 1) is the mid point of the line segment joining the points (2, x) & (2, -5) then x =	A. 1 B. 2 C. 7 D. -7
13	Question Image	A. 4 B. 2 C. 1
14	X-coordinate of any point on Y-axis:	A. 0 B. x C. y D. 1
15	The distance of any point P (x, y) from the origin O(0 , 0) is given by:	
16	If the directed distances AP and PB have the opposite signs, i.e; p is beyond AB, then their ratio is negative and P is said to divide AB:	A. Internally B. May divide C. Externally D. None of these
17	A quadrilateral having two parallels and two non-parallel sides is called:	A. Trapezium B. Rectangle C. Rhombus D. None of these

18	A linear equation in two variables represents:	A. Circle B. Ellipse C. Hyberbola D. Straight line
19	The point of intersection of the perpendicular bisectors of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
20	x = 4 is a line:	A. Parallel to x - axis B. Parallel to y - axis C. Perpendicular to y-axis D. None of these