

ICS Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	The distance of any point $P(x, y)$ from the origin $O(0, 0)$ is given by:	
2	The line y = c is above the x - axis, if:	A. c > 0 B. c < 0 C. c = 0
3	Question Image	A. Line parallel to x-axis B. Line parallel to y-axis C. Line passing through the origin D. Both (a) and (b)
4	If a = 0, then the line ax + by + c = 0 is parallel to:	A. y - axis B. x - axis C. along y - axis D. None of these
5	The distance between two points P_1 (x_1 , y_1) and P_2 (x_2 , y_2) on the co-ordinate plane is given by:	
6	If a straight line is perpendicular to y-axis, then its slope is:	A. 1 B1 C. 0 D. undefined
7	The centroid of the triangle whose vertices are (3, -5), (-7, 4) and (10, -2) is:	A. (-2, -2) B. (-2, 2) C. (2, -1) D. (0, 0)
8	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
9	For any point (x, y) and y - axis:	A. y = 0 B. y = -1 C. y = 1 D. x = 0
10	Distance of the point (-2, 3) from y-axis is:	A2 B. 2 C. 3 D. 1
11	Question Image	A. 0 B. 2 C. 1 D1
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	Question Image	A. Line parallel to x-axis B. Line parallel to y-axis C. Line passing through the origin D. Both (a) and (b)
14	The line I is horizontal if and only if slope is equal to:	A. 0 B. 1 C. 2 D. undefined
15	The point (2, 5) lies the lie 3x - y + 1 = 0	A. Above B. Below C. On D. None
16	The distance between the points (1, 2), (2, 1).	A. 1 D. 2
17	The point of intersection of the altitudes of a triangle is called:	A. Centroid B. Ortho-center

	···· p-···· - ······	C. Circums-center D. In-center
18	Joint equation of $y + 2x = 0$, $y - 3x = 0$ is:	A. $(y+2x)(y-3x) = 0$ B. $(y-2x)(y-3x) = 0$ C. $(y+2x)(y+3x) = 0$ D. $(y-2x)(y+3x) = 0$
19	Distance of the point (-3, 7) from x-axis is:	A. 3 B3 C. 7 D. 10
20	A quadrilateral having two parallels and two non-parallel sides is called:	A. Trapezium B. Rectangle C. Rhombus D. None of these