

ICS Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Line parallel to x-axis B. Line parallel to y-axis C. Line passing through the origin D. Both (a) and (b)
2	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. $3x + 2y + 8 = 0$
3	If (x, y) are the coordinate of a point ordered pair is called:	A. Abscissa B. Ordinate C. Coordinate D. Ordered pair
4	The line l is horizontal if and only if slope is equal to:	A. 0 B. 1 C. 2 D. undefined
5	Infinite number of lines can pass through:	A. One point B. Two points C. Three points D. Four points
6	Point of intersection of $x + y = 5$ & $x - y = 3$ is:	A. $(5, 5)$ B. $(4, 2)$ C. $(4, 1)$ D. $(1, 4)$
7	The point $(2, 5)$ lies the lie $3x - y + 1 = 0$	A. Above B. Below C. On D. None
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	y - ordinate of the centroid of triangle with vertices $A(-2, 3)$ $B(-4, 1)$, $C(3, 2)$ is:	A. 3 B. 1 C. 2 D. 0
10	The ratio in which y-axis divides the line joining $(2, -3)$ and $(-5, 6)$ is:	A. 2 : 3 B. 2 : 5 C. 1 : 2 D. 3 : 5
11	If a straight line is perpendicular to x-axis, then its slope is:	A. 0 B. 1 C. 2 D. Undefined
12	The line $y = a$ is below the x-axis, if:	A. $a > 0$ B. $a < 0$ C. $a = 0$
13	General form of equation of line is:	A. $ax - by + c = 0$ B. $ax + by - c = 0$ C. $ax + by + c = 0$ D. $ax - by - c = 0$
14	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
15	The distance between the points $(1, 2)$, $(2, 1)$.	A. 1 D. 2
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	D. 2

17	The point of intersection of the altitudes of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
18	Question Image <input type="text"/>	A. 0 B. 2 C. 1 D. -1
19	Distance of the point (-2, 3) from y-axis is:	A. -2 B. 2 C. 3 D. 1
20	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. $(y-2x)(y+3x) = 0$