

ICS Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	X-co-ordinate of centroid of triangle ABC with A(-2, 3); B(-4, 1); C(3, 5) equals:	A1 B. 1 C. 3 D3
2	If a straight line is perpendicular to x-axis, then its slope is:	A. 0 B. 1 C. 2 D. Undefined
3	Infinite number of lines can pass through:	A. One point B. Two points C. Three points D. Four points
4	The coordinate axes divide the plane into equal parts:	A. 1 B. 2 C. 3 D. 4
5	Distance of the point (-2, 3) from y-axis is:	A2 B. 2 C. 3 D. 1
6	The point of intersection of the medians of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
7	For any point (x, y) on x-axis:	A. y = 1 B. y = 0 C. y = -1 D. y = 2
8	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)
9	y = 2x + 3 is the;	A. Slope-intercept form B. Two points form C. Point slope form D. Intercepts form
10	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
11	Angle between the lines $x + y + 1 = 0 & x - y + 4 = 0$ is:	A. 30° B. 45° C. 60° D. 90°
12	If a pair of opposite sides of a quadrilateral are equal and parallel then it is:	A. Rectangle B. Rhombus C. Parallelogram D. None of these
13	The perpendicular distance of the line $3x + 4y + 10 = 0$ from the origin is:	A. 0 B. 1 C. 2 D. 3
14	For any point (x, y) and y - axis:	A. y = 0 B. y = -1 C. y = 1 D. x = 0
15	The symbol is used for:	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these

16	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:		
17	The distance between the points (1, 2), (2, 1).	A. 1 D. 2	
18	The line y = a is below the x-axis, if:	A. a > 0 B. a < 0 C. a = 0	
9	A linear equation in two variables represents:	A. Circle B. Ellipse C. Hyberbola D. Straight line	
20	In the translation of axes which formula is true:	A. x = X + h B. X = x + h C. x + X = h D. None	