ICS Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	Equation of a line parallel to x-axis:	A. x = 0 B. x = y C. y = a D. x = a
2	y = -2 is a line:	A. Parallel to x-axis B. Parallel to y-axis C. Perpendicular to x-axis D. None of these
3	The line x = a is on the right of y - axis if:	A. a > 0 B. a < 0 C. a = 0
4	Infinite number of lines can pass through:	A. One point B. Two points C. Three points D. Four points
5	Question Image	
6	Question Image	A. Line parallel to x - axis B. Line parallel to y - axis C. Inclined D. Both (a) and (b)
7	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)
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	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)
10	If a straight line is perpendicular to x-axis, then its slope is:	A. 0 B. 1 C. 2 D. Undefined
11	If a straight line is perpendicular to y-axis, then its slope is:	A. 1 B. -1 C. 0 D. undefined
12	Inclination of Y-axis or of any line parallel to Y-axis is:	B. Zero D. Undefined
13	The line l is horizontal if and only if slope is equal to:	A. 0 B. 1 C. 2 D. undefined
14	Inclination of X-axis or of any line parallel to X-axis is:	A. Zero D. Undefined
15	If the lien l is parallel to y-axis, then the slope of l is ----------------.	A. 0 B. 1 C. -1 D. undefined
16	If the inclination of the line l lies between]0°, 90°[, then the slope of l is:	A. Positive B. Negative C. Undefined D. None of these
17	If the inclination of a line lies between]90°, 180°[, then the slope of line is :	A. Positive B. Negative C. Zero

D. undefined

18	A quadrilateral having two parallels and two non-parallel sides is called:	A. Trapezium B. Rectangle C. Rhombus D. None of these
19	A parallelogram is a rhombus if and only if its diagonals are:	A. Parallel B. Perpendicular C. Equal D. None of these
20	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

A. Trapezium
B. Rectangle
C. Rhombus
D. None of these

A. Parallel
B. Perpendicular
C. Equal
D. None of these

A. Rectangle
B. Rhombus
C. Parallelogram