

FA Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	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
2	Equation of the line parallel to $x + 3y - 9 = 0$ is:	A. $3x - y - 9 = 0$ B. $3x + 9y + 7 = 0$ C. $2x - 6y - 18 = 0$ D. $x - 3y + 9 = 0$
3	The line $x = a$ is on the right of y - axis if:	A. $a > 0$ B. $a \leq 0$ C. $a = 0$
4	A quadrilateral having two parallels and two non-parallel sides is called:	A. Trapezium B. Rectangle C. Rhombus D. None of these
5	The line $y = c$ is above the x - axis, if:	A. $c > 0$ B. $c \leq 0$ C. $c = 0$
6	Question Image	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these
7	Angle between the lines $x + y + 1 = 0$ & $x - y + 4 = 0$ is:	A. 30° B. 45° C. 60° D. 90°
8	The distance between the points (1, 2), (2, 1).	A. 1 D. 2
9	Two non parallel lines intersect each other at:	A. 1 point B. 2 points C. 3 points D. 4 points
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	The equation to the straight line which passes through the point (2, 9) and makes an angle of 45° with x-axis is:	A. $x + y + 7 = 0$ B. $x - y + 7 = 0$ C. $y - x + 7 = 0$ D. None of these
12	For any point (x, y) on x-axis:	A. $y = 1$ B. $y = 0$ C. $y = -1$ D. $y = 2$
13	A parallelogram is a rhombus if and only if its diagonals are:	A. Parallel B. Perpendicular C. Equal D. None of these
14	Question Image	A. 0 B. 2 C. 1 D. -1
15	X-coordinate of any point on Y-axis:	A. 0 B. x C. y D. 1
16	Question Image	A. 4 B. 2 C. 1

17	The vertical line $y'o'y$ is called:	A. x-axis B. y-axis C. abscissa D. Ordinate
18	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:	
19		A. Line parallel to x-axis B. Line parallel to y-axis C. Line passing through the origin D. Both (a) and (b)
20	If (x, y) are the coordinates of a point, then the first component of the ordered pair is called:	A. Abscissa B. Ordinate C. Coordinate axes D. None of these
