FA Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	Two non parallel lines intersect each other at:	A. 1 point B. 2 points C. 3 points D. 4 points
2	For any point (x, y) on x-axis:	A. $y = 1$ B. $y = 0$ C. $y = -1$ D. $y = 2$
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	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:	
5	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
6	Infinite number of lines can pass through:	A. One point B. Two points C. Three points D. Four points
7	Question Image	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these
8	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
9	Distance of the point (-2, 3) from y-axis is:	A. -2 B. 2 C. 3 D. 1
10	The point (2, 5) lies the lie $3x - y + 1 = 0$	A. Above B. Below C. On D. None
11	The distance between the points (1, 2), (2, 1).	A. 1 D. 2
12	Point of intersection of $x + y = 5$ & $x - y = 3$ is:	A. (5, 5) B. (4, 2) C. (4, 1) D. (1, 4)
13	Point of intersection of lines $x - 2y + 1 = 0$ and $2x - y + 2 = 0$ equals:	A. (1, 0) B. (0, 1) C. (-1, 0) D. (0, -1)
14	The horizontal line x' ox is called:	A. x-axis B. y-axis C. abscissa D. ordinate
15	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)
16	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

17	y = -2 is a line:	A. Parallel to x-axis B. Parallel to y-axis C. Perpendicular to x-axis D. None of these
18	Question Image	A. Line parallel to x - axis B. Line parallel to y - axis C. Inclined D. Both (a) and (b)
19	If the lien l is parallel to y-axis, then the slope of l is ----------------.	A. 0 B. 1 C. -1 D. undefined
20	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