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	The line y = c is above the x - axis, if:	A. c > 0 B. c < 0 C. c = 0
3	Distance of the point (-3, 7) from x-axis is:	A. 3 B. -3 C. 7 D. 10
4	Two non parallel lines intersect each other at:	A. 1 point B. 2 points C. 3 points D. 4 points
5	The distance of any point P (x, y) from the origin O(0 , 0) is given by:	
6	The vertical line y'oy is called:	A. x-axis B. y-axis C. abscissa D. Ordinate
7	If a straight line is perpendicular to x-axis, then its slope is:	A. 0 B. 1 C. 2 D. Undefined
8	Equation of a line parallel to x-axis:	A. x = 0 B. x = y C. y = a D. x = a
9	The line l is horizontal if and only if slope is equal to:	A. 0 B. 1 C. 2 D. undefined
10	If the inclination of a line lies between]90°, 180°[, then the slope of line is :	A. Positive B. Negative C. Zero 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	A linear equation in two variables represents:	A. Circle B. Ellipse C. Hyberbola D. Straight line
13	Infinite number of lines can pass through:	A. One point B. Two points C. Three points D. Four points
14	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
15	In the translation of axes which formula is true:	A. x = X + h B. X = x + h C. x + X = h D. None
16	The distance between the points (1, 2), (2, 1).	A. 1 D. 2

17	Question Image	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these
18	ax + by + c = 0 has matrix from as:	B. |ax + by| = |-c| C. [ax + by] = [c] D. [ax - by] = [-c]
19	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
20	Question Image	A. 4 B. 2 C. 1