FA Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	For any point (x, y) and y - axis:	A. y = 0 B. y = -1 C. y = 1 D. x = 0
2	The horizontal line x' ox is called:	A. x-axis B. y-axis C. abscissa D. ordinate
3	The distance of any point P (x, y) from the origin O(0 , 0) is given by:	
4	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
5	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
6	Two non parallel lines intersect each other at:	A. 1 point B. 2 points C. 3 points D. 4 points
7	If the lien l is parallel to y-axis, then the slope of l is ----------------.	A. 0 B. 1 C. -1 D. undefined
8	The vertical line y'oy is called:	A. x-axis B. y-axis C. abscissa D. Ordinate
9	The coordinate axes divide the plane into------------ equal parts:	A. 1 B. 2 C. 3 D. 4
10	Question Image	
11	The line y = a is below the x-axis, if:	A. a > 0 B. a < 0 C. a = 0
12	y - ordinate of the centroid of triangle with vertices A(-2, 3) B(-4, 1), C(3, 2) is:	A. 3 B. 1 C. 2 D. 0
13	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)
14	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
15	The point of intersection of internal bisectors of the angles of a triangle is called:	A. Centroid B. Ortho-centers C. Circums-center D. In-center
16	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
	If the directed distance of AP and PB have same sign then their ... their ... is positive and P ... is ...	A. Internally B. ... available ...

17	If the directed distances AP and PB have same signs, then their ratio is positive and P is said to divide AB:	B. May be divide C. Externally D. None of these
18	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
19	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. $3x + 2y + 8 = 0$
20	Question Image	A. 4 B. 2 C. 1