FA Part 2 Mathematics Chapter 4 Test Online

Sr	Questions	Answers Choice
1	The distance between the points (1, 2), (2, 1).	A. 1 D. 2
2	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
3	y = -2 is a line:	A. Parallel to x-axis B. Parallel to y-axis C. Perpendicular to x-axis D. None of these
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 (1, x) is the mid point of the line segment joining the points (1, 2) & (1, 6) then x =	A. 1 B. 2 C. 3 D. 4
6	y - y1 = m (x - x1) is the equation of straight line in:	A. Slope-intercept from B. Point-slope from C. Normal form D. Intercepts form
7	Joint equation of y + 2x = 0, y - 3x = 0 is:	A. (y+2x)(y-3x) = 0 B. (y-2x)(y-3x) = 0 C. (y+2x)(y+3x) = 0 D. (y-2x)(y+3x) = 0
8	If the lien l is parallel to y-axis, then the slope of l is ----------.	A. 0 B. 1 C. -1 D. undefined
9	The line y = c is above the x - axis, if:	A. c > 0 B. c < 0 C. c = 0
10	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
11	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
12	ax + by + c = 0 has matrix from as:	B. |ax + by| = |-c| C. [ax + by] = [c] D. [ax - by] = [-c]
13	Question Image	
14	The line y = a is below the x-axis, if:	A. a > 0 B. a < 0 C. a = 0
15	The symbol | | is used for:	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these
16	If the inclination of a line lies between]90°, 180°[, then the slope of line is :	A. Positive B. Negative C. Zero D. undefined
17	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)

18	The point of intersection of the perpendicular bisectors of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
19	ax + by + c = 0, will represent equation of straight line parallel y-axis if:	A. a = 0 B. b = 0 C. c = 0 D. a = 0, c = 0
20	Distance of the point (-2, 3) from y-axis is:	A. -2 B. 2 C. 3 D. 1