FA Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	Question Image	A. Even B. Odd C. One-one D. Zero
2	$y = 2x + 3$ is the;	A. Slope-intercept form B. Two points form C. Point slope form D. Intercepts form
3	Question Image	
4	$ax + b < c$ is a inequality of:	A. One variable B. Two variable C. Three variable D. Four variable
5	The point of intersection of the altitudes of a triangle is called:	A. Centroid B. Ortho-center C. Circums-center D. In-center
6	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
7	Question Image	A. Volume of the tetrahedron B. Volume of the parallelepiped C. Volume of the triangle D. None of these
8	The instantaneous rate of change of y with respect to x is given by:	
9	Question Image	A. Scalar quantity D. Reciprocal vector
10	The focus of the parabola $y^2 = 4ax$ is:	A. (-a , 0) B. (0, a) C. (0, -a) D. (a, 0)
11	X-co-ordinate of centroid of triangle ABC with A(-2, 3); B(-4, 1); C(3, 5) equals:	A. -1 B. 1 C. 3 D. -3
12	Question Image	A. tan x B. cot x C. - tan x D. - cot x
13	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:	
14	The line $y = c$ is above the x - axis, if:	A. c > 0 B. c < 0 C. c = 0
15	A unit vector is defined as a vector whose magnitude is:	A. 0 B. 2 C. 1 D. 4
16	If a straight line is perpendicular to x-axis, then its slope is:	A. 0 B. 1 C. 2 D. Undefined
17	Two circles of radius 3 cm and 4 cm touch each other externally. The distance between their centers is:	A. 1 cm B. 7cm C. 4cm D. 5cm

18	The point (2, 5) lies the lie 3x - y + 1 = 0	A. Above B. Below C. On D. None
19	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)
20	The graph of the parabola y^2 = -4ax lies in quadrants:	A. I and II B. III and IV C. II and III D. I and III