FA Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	The radius of point circle is:	A. 0 B. (0, 0) C. r D. 1
2	Question Image	A. 4, -4 B. 0 C. 2, -2 D. 0, 4
3	Question Image	A. domain B. range C. lower limit D. upper limit
4	ax + b > c is an inequality of:	A. One variable B. Three variable C. Two variable D. Four variable
5	If y is an image of x under the function f, we denote it by:	A. x = f(y) B. x = y C. y = f(x) D. f(x, y) = c
6	Question Image	A. [0] B. [0, 0] C. [0, 0, 0] D. None of these
7	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
8	Question Image	A. Ellipse B. Parabola C. Hyperbola D. Circle
9	The ordered pair _____ is a solution of the inequality x + 2y < 6.	A. (3, 3) B. (1, 1) C. (4, 4) D. (5, 5)
10	Question Image	A. Unit vector B. Null vector C. Free vector D. None of these
11	Question Image	
12	y = -2 is a line:	A. Parallel to x-axis B. Parallel to y-axis C. Perpendicular to x-axis D. None of these
13	If in the case of translation of axes, O (-3, 2), (x, y) = (-6, 9) then (X, Y) =	A. (-3, 9) B. (-3, 7) C. (-9, 11) D. (3, 7)
14	The conic is an ellipse, if:	A. e = 1 B. e > 1 C. 0 < e < 1 D. e = 0
15	Which one is a constant function ?	A. $f(x) = x^2$ B. f(x) = x C. f(x) = x + 1 D. f(x) = 14
16	The vertex of the parabola x^2 = 4ay is:	A. (-a, 0) B. (0, a) C. (0, -a)

		D. (0, 0)
17	If the cutting plane is slightly tillted and cuts only one nappe of the cone, then the section is a / an:	A. Ellipse B. Circular cone C. Circle D. Point circle
18	y = b is a horizontal line parallel to _____:	A. x - axis B. x - axis may be C. y - axis D. None of these
19	The vertex of the parabola y^2 = -4ax is:	A. (-a, 0) B. (a, 0) C. (0, -a) D. (0, 0)
20	Question Image	