

FA Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	In equation of circle, coefficient of each of x^2 and y^2 are:	A. Not equal B. Opposite in signs C. Equal D. None of these
2	Question Image	A. Constant B. Implicit C. Identity D. Inverse
3	There are feasible solutions in the feasible region:	A. Finitely B. Two C. Infinitely many D. Three
4	Question Image	
5	If (x, y) are the coordinate of a point ordered pair is called:	A. Abscissa B. Ordinate C. Coordinate D. Ordered pair
6	Non-vertical lines divide the plane intohalf plane:	A. Upper and lower B. Many C. Left and Right D. None of these
7	Question Image	A. Open B. Closed C. Open as well as closed D. None of these
8	Question Image	A. Parallel lines B. Non-parallel lines C. Perpendicular lines D. Coplanar lines
9	y = 2x + 3 is the;	A. Slope-intercept form B. Two points form C. Point slope form D. Intercepts form
10	x = 4 is a line:	A. Parallel to x - axis B. Parallel to y - axis C. Perpendicular to y-axis D. None of these
11	The ratio between the measure of the radial segment and the diameter of a circle is:	A. 2:1 B. 4:3 C. 1:2
12	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
13	The instantaneous rate of change of y with respect to x is given by:	
14	Question Image	A. tan x B. cot x C tan x D cot x
15	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
16	The inequality x < a is the open half plane to the of the boundary line x = a:	A. Above B. Left C. Below D. Right
		A. domain

17	Question Image	B. range C. lower limit D. upper limit
18	Question Image	A. 2 - 7 B. 2 + 7
19	Question Image	A. Unit vector B. Null vector C. Free vector D. None of these
20	Length of tangent from (a, 0) to the circle $x^2 + y^2 + 2gx + 2fy + c = 0$ is:	B. c C. 2g + 2f -c D. None