

FA Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	The perpendicular distance of the line $3x + 4y + 10 = 0$ from the origin is:	A. 0 B. 1 C. 2 D. 3
2	x = 4 is a line:	A. Parallel to x - axis B. Parallel to y - axis C. Perpendicular to y-axis D. None of these
3	X-coordinate of any point on Y-axis:	A. 0 B. x C. y D. 1
4	y = -2 is a line:	A. Parallel to x-axis B. Parallel to y-axis C. Perpendicular to x-axis D. None of these
5	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. $3x + 2y + 8 = 0$
6	Question Image	A. Integration B. Integrand C. Constant of integration D. None of these
7	Question Image	A. Derivative B. Differential C. Integral D. None of these
8	If any two vectors of scalar triple product are equal, then its value is equal to:	A. 0 B. 1 C1 D. 2
9	Question Image	A. equal to each other B. not equal to each C. nearly equal to each other D. none of these
10	A chord containing the center of the circle is called of the circle:	A. Diameter B. Chord C. Radius D. None of these
11	The vertex of parabola $(x - 1)^2 = 8 (y + 2)$ is:	A. (1, -2) B. (0, 1) C. (-1, -2) D. (1, 2)
12	The opening of the parabola $y^2 = 4ax$ is to the of the:	A. Left B. Upward C. Right D. Downward
13	Question Image	B. 0 C. 4 D. 7
		A. Normal B. Bisects
14	Perpendicular dropped from the center of a circle on a chord the chord:	C. Equal to D. None of these
15	Question Image	
16	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

		A. 1
17	Question Image	B. 2
•		C. 3
		D. 4
		A. 1
0	Question Image	B. 2
8	Question inage	C. 3
		D. 0
19		A. sec x tan x
	Question Image	B sec ² x
9	Question inage	Csec x tan x
		D. sec ² x
		A. x
20	If the upper limit is a constant and the lower limit is a variable, then the integral is a function	B. y
	of:	C. lower limit
		D. upper limit