

FA Part 2 Mathematics Full Book Test Online

Sr	Questions	Answers Choice
1	General form of equation of line is:	A. $ax - by + c = 0$ B. $ax + by - c = 0$ C. $ax + by + c = 0$ D. $ax - by - c = 0$
2	Question Image	A. 4 B. 2 C. 1
3	The line $y = a$ is below the x-axis, if:	A. $a > 0$ B. $a < 0$ C. $a = 0$
4	Question Image	A. Undefined B. $3a^{2/2}$ C. $a^{2/2}$ D. 0
5	$f(x) = x \sec x$, then $f(0) =$	A. -1 B. 0 C. 1
6	The inequality $y > b$ is the open half plane to the _____ of the boundary line $y = b$:	A. Above B. Left C. Below D. Right
7	The graph of linear equation of the form $ax + by = c$ is a _____ where a, b and c are constants and a, b are not both zero.	A. Curve B. Circle C. Straight line D. Parabola
8	Question Image	A. $e^{-x} \sin x + c$ B. $-e^{-x} \sin x + c$ C. $e^{-x} \cos x + c$ D. $-e^{-x} \sin x + c$
9	$y = mx + c$ is the equation of straight line in:	A. Slope-intercept form B. Two points form C. Point slope form D. Intercepts form
10	Question Image	A. 0 B. -1 C. 1 D. 2
11	$y = 2x + 3$ is the;	A. Slope-intercept form B. Two points form C. Point slope form D. Intercepts form
12	The distance between the points (1, 2), (2, 1).	A. 1 D. 2
13	$x = a$ is a vertical line perpendicular to _____.	A. x - axis B. x - axis may be C. y - axis D. None of these
14	Question Image	A. $x = 0$ B. $y = -a$ C. $y = 0$ D. $y = -a$
15	$\tanh x =$	
16	Question Image	A. 90° B. 30° C. 60° D. 0°
17	Question Image	A. Lagrange B. Newtown C. Leibniz

D. Cauchy

18

Question Image

- A. 0
- B. 2
- C. 3
- D. 1

19

Question Image

- A. 0
- B. 1
- C. -1
- D. 2

20

The curves obtained by cutting a _____ double right circular cone by a _____ are called conics:

- A. Straight line
- B. Plane
- C. Curve
- D. None of these