

FSC Part 2 Mathematics Full Book Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	The opening of the parabola x^2 = 16y is to of the x-axis:	A. Left B. Upward C. Right D. Downward
3	Infinite number of lines can pass through:	A. One point B. Two points C. Three points D. Four points
4	If the degree of a polynomial function is, then it is called a linear function:	A. 0 B. 1 C. 2 D. 3
5	Non-vertical lines divide the plane intohalf plane:	A. Upper and lower B. Many C. Left and Right D. None of these
6	If the equation of the parabola x^2 = 4ay, then opening of the parabola is upward of the:	A. x-axis B. y-axis C. Major axis D. Minor axis
7	The term function was introduced by:	A. Euler B. Newton C. Lagrange D. Leibniz
8	A solution of a linear inequality in x and y is an ordered pair of numbers, which the inequality.	A. Does not satisfy B. May be stisfied C. Satisfies D. None of these
9	<u>i.(j.k)</u> =	A. Meaningless B1 C. 1 D. 2
10	Question Image	A. In sec x + tan x + c B. In cosec x - cot x + c C. In sec x - tan x + c D. In cosec x + cot x + c
11	Question Image	A. Common logarithmic B. Natural logarthmic C. Exponential D. None of these
12	The general solution of differential equation of order n contains n arbitrary constants, which can be determined by initial value conditions.	A. 1 B. 0 C. 2 D. n
13	The centroid of the triangle whose vertices are (3, -5), (-7, 4) and (10, -2) is:	A. (-2, -2) B. (-2, 2) C. (2, -1) D. (0, 0)
14	ax + b > c is an inequality of:	A. One variable B. Three variable C. Two variable D. Four variable
15	Equation of the line parallel to $x + 3y - 9 = 0$ is:	A. $3x - y - 9 = 0$ B. $3x + 9y + 7 = 0$ C. $2x - 6y - 18 = 0$ D. $x - 3y + 9 = 0$
16	A line perpendicular to a radial chord of a circle at the end-point (which lies on the circle) is a:	A. Secant B. Diameter C. Chord

		D. Tangent
17 An angle in	a semi-circle is:	A. 0° B. 90° C. 180° D. 60°
18 the focal ch parabola:	ord perpendicular to the axis of the parabola is called of the	A. Directrix B. Latus rectum C. Focus D. Focal chord
19 The perper	dicular distance of the line $3x + 4y + 10 = 0$ from the origin is:	A. 0 B. 1 C. 2 D. 3
20 The ratio ir 3) and (4, 3	which the line segments joining $(2,3)$ and $(4,1)$ is divided by the line joining $(3,3)$ is:	A. 2:1 1, B. 3:1 C. 1:2 D. 1:1