

FSC Part 2 Mathematics Full Book Online Test

Sr	Questions	Answers Choice
1	Question Image	A. At B. Not on C. On D. None of these
2	Every relation, which can be represented by a linear equation in two variables, represents a:	A. Graph B. Function C. Cartesian product D. Relation
3	If the cone is cut by a plane perpendicular to the axis of the cone, then the section is a / an:	A. Parabola B. Circular cone C. Ellipse D. Circle
4	Question Image	A. 0 B. 1 C1 D. 2
5	The conic is a parabola, if:	A. e = 1 B. e > 1 C. 0 < e < 1 D. e = 0
6	The coordinate axes divide the plane into equal parts:	A. 1 B. 2 C. 3 D. 4
7	x = 2 is a vertical line perpendicular to:	A. x - axis B. x - axis may be C. y - axis D. None of these
8	Question Image	A. 0 B. 2 C. 1 D1
9	Question Image	A cosec ² x B. cosec ² x C cosec x cot x D. cosec x cot x
10	Question Image	
11	Let $f(x) = x^3 + \sin x$, then $f(x)$ is:	A. Even function B. Odd function C. Power function D. None of these
12	The symbol is used for:	A. Parallel lines B. Perpendicular lines C. Non-parallel lines D. None of these
13	If r is the radius of the circle and its center is at origin, then equation of circle is:	A. x ² + y ² = a ² B. x ² + y ² = r ² - y ² = c. x ² - y ² = a ² D. x ² - y ² = a ² - y ² = r ² - y ² = r
14	Let $f(x) = x^2$, then range of f is the set of all:	A. Real numbers B. Non-negative real numbers C. Non-negative integers D. Complex numbers
15	The order (or sense) of an inequality is changed by, it each side by a negative constant.	A. Adding B. Subtracting C. Dividing

		D. None of these
16	Question Image	A. Volume of the tetrahedron B. Volume of the parallelepiped C. Volume of the triangle D. None of these
17	Non-vertical lines divide the plane intohalf plane:	A. Upper and lower B. Many C. Left and Right D. None of these
18	The cross product or vector product of two vectors is defined:	A. Only in plane B. Only in space C. Both a and b D. None of these
19	y - y1 = m (x - x 1) is the equation of straight line in:	A. Slope-intercept fromB. Point-slope fromC. Normal formD. Intercepts form
20	If any two vectors of scalar triple product are equal, then its value is equal to:	A. 0 B. 1 C1 D. 2