

FSC Part 2 Mathematics Full Book Online Test

Sr	Questions	Answers Choice
1	Two arcs of two different circles are congruent if:	A. The circles are congruent B. The corresponding central angles are congruent C. Both a and b D. None of the above
2	x = c is a vertical line parallel to	A. x-axis B. y-axis may be C. y-axis D. None of these
3	If the lower limit is a constant and the upper limit is a variable, then the integral is a function of:	A. x B. y C. lower limit D. upper limit
4	Question Image	A. 3 B. 4 C. 5 D. 6
5	If the lien I is parallel to y-axis, then the slope of I is	A. 0 B. 1 C1 D. undefined
6	If equation of circle is $(x - h)^2 + (y - k)^2 = r^2$, then center of a circle:	A. (-h, -k) B. (h, k) C. (-h, k) D. (h, -k)
7	Question Image	A. Open B. Closed C. Open as well as closed D. None of these
8	The graph of linear equation of the form ax + by = c is a line, which divides the plane into disjoint regions, where a, b and c are constants and a, b are not both zero.	A. One B. Two C. Thre D. None of these
9	Question Image	A. Line parallel to x - axis B. Line parallel to y - axis C. Inclined D. Both (a) and (b)
10	Question Image	A. Parallel lines B. Non-parallel lines C. Perpendicular lines D. Coplanar lines
11	Question Image	A. 0 B. 2 C. 1 D. 3
12	A unit vector is defined as a vector whose magnitude is:	A. 0 B. 2 C. 1 D. 4
13	The instantaneous rate of change of y with respect to x is given by:	
14	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
15	Question Image	A. Implicit B. Explicit C. Exponential D. Logarithmic
16	The radius of circle $x^2 + y^2 + ax + by + c = 0$ is:	D. None

7	Distance of the point (-2, 3) from y-axis is:	A2 B. 2 C. 3 D. 1
8	Question Image	A. Free vector B. Unit vector C. Null vector D. None of these
9	Which are the following triples can be direction angles of a single vector:	A. 45°,45°,60° B. 30°,45°,60° C. 45°,60°,60° D. 30°,30°,30°
0	Question Image	A. Continuous at x = 1 B. Not continuous at x = 1 C. Both a and b D. none