

FSC Part 2 Mathematics Full Book Online Test

Sr	Questions	Answers Choice
1	Question Image	A. Free vector B. Unit vector C. Null vector D. None of these
2	Question Image	A. Position vector B. Null vector C. Unit vector D. None of these
3	Which of the following is a vector quantity ?	A. Work B. Temperature C. Distance D. Displacement
4	Question Image	
5	Question Image	A. 0 B. 2 C. 3 D. 1
6	Question Image	A. Integral B. Indefinite integral C. Differential D. Definite integral
7	Question Image	
8	Question Image	A. a cosec (ax + b) D. cot (ax + b)
9	Question Image	A. x with respect to y B. y with respect to y C. y with respect to x D. x with respect to x
10	Question Image	
11	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
12	Question Image	A. Volume of the tetrahedron B. Volume of the parallelepiped C. Volume of the triangle D. None of these
13	Question Image	A. cosech x coth x Bcosech ² x Ccosech x coth x D. cosech ² x
14	Let $f(x) = x^2$, real valued function then domain of f is the set of all:	A. Real numbers B. Integers C. Positive numbers D. Natural numbers
15	Question Image	A. 1 B. 2 C. 3 D. 0
16	The term dy (or df) = f'(x) dx is called the of the dependent variable y.	A. Differentiation B. Integration C. Differential D. None of these
17	The distance of any point P (x, y) from the origin O(0 , 0) is given by:	
18	Inverse hyperbolic functions are expressed in terms of natural:	A. Numbers B. Exponential C. Logarithms

		D. Sines
19	If $y = f(u)$ and $u = F(x)$, then:	
20	Question Image	A. 0 B. 1 C. 2 D. 3