

FSC Part 2 Mathematics Chapter 2 Online Test

Sr	Questions	Answers Choice
1	The derivative of x with respect to y is given by:	
2	The instantaneous rate of change of y with respect to x is given by:	
3	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
4	The small change in the value of x, positive or negative is called the ----- of x.	A. Increment B. Differential C. Derivative D. none of these
5	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
6	Notation $Df(x)$ for derivative was used by:	A. Cauchy B. Newton C. Leibniz D. Lagrange
7	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $\sec x \tan x$ B. $-\sec^2 x$ C. $-\sec x \tan x$ D. $\sec^2 x$
8	If s is the distance traveled by a body at time t, the velocity is given by the expression:	
9	For a square of side x units, the rate of change of area with respect to the side is given by:	A. x B. x^2 C. 2x D. 2
10	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
11	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $\sin x$ B. $\cos x$ C. $-\sin x$ D. $-\cos x$
12	Gottfried Wilhelm Leibniz was a (an) ----- mathematician:	A. German B. English C. Swiss D. French
13	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
14	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $\sin x$ B. $-\cos x$ C. $-\sin x$ D. $\cos x$
15	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $\operatorname{cosech} x \coth x$ B. $-\operatorname{cosech}^2 x$ C. $-\operatorname{cosech} x \coth x$ D. $\operatorname{cosech}^2 x$
16	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. $\operatorname{sech} x \tanh x$ B. $-\operatorname{sech}^2 x$ C. $-\operatorname{sech} x \tanh x$ D. $\operatorname{sech}^2 x$
17	Question Image <input style="width: 500px; height: 20px;" type="text"/>	
18	Sir Isaac Newton was a(an) ----- mathematician.	A. German B. French C. Swiss D. English
19	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. 1 (1 - 4) B. $2x - 3$ C. $x - 3$ D. $x^3 - 3x$
20	Question Image <input style="width: 500px; height: 20px;" type="text"/>	A. Lagrange B. Newtown C. Leibniz

