FA Part 2 Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. 2cosh x B. 2sinh x C. 2sinh (2x) D. -2sinh (2x)
2	Question Image	A. Lagrange B. Newtown C. Leibniz D. Cauchy
3	Gottfried Whilhelm Leibniz was a (an) ----- mathematician:	A. German B. English C. Swiss D. French
4	Question Image	A. tan x B. cot x C. - tan x D. - cot x
5	Question Image	
6	The instantaneous rate of change of y with respect to x is given by:	
7	Question Image	A. sin x B. -cos x C. -sin x D. cos x
8	Question Image	
9	The derivative of x with respect to y is given by:	
10	Question Image	A. 1 (1 - 4) B. 2x - 3 C. x - 3 D. x³ - 3x
11	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
12	The small change in the value ofx, positive or negative is called the -------- of x.	A. Increment B. Differential C. Derivative D. none of these
13	Question Image	
14	Question Image	A. sec x tan x B. - sec²x C. -sec x tan x D. sec²x
15	Question Image	A. x = a B. for all x D. x = 0
16	Question Image	A. c B. 0 C. 1 D. -c
17	Question Image	
18	Question Image	
19	Question Image	A. sech x tanh x B. -sech²x C. -sech x tanh x D. sech²x
		A. sin x

20	Question Image	B. cos x C. -sin x D. -cos x