ICS Part 2 Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	Notation Df(x) for derivative was used by:	A. Cauchy B. Newton C. Leibniz D. Lagrange
2	Question Image	
3	Question Image	A. 0 B. 1 C. -1 D. 2
4	Question Image	A. x = a B. for all x D. x = 0
5	Question Image	A. sech x tanh x B. -sech²x C. -sech x tanh x D. sech²x
6	Question Image	A. sin x B. cos x C. -sin x D. -cos x
7	Question Image	A. -cosec x cotx B. cosec² x C. -cosec²x D. cosec x cotx
8	If y = f(u) and u = F(x), then:	
9	If f(x) = cos x then f'(0) is equal to:	A. 0 B. -1 C. 1
10	Question Image	A. x = a B. x = 2 C. x = 0 D. None
11	Question Image	A. sinh x B. cosh x C. -sinh x D. -cosh x
12	Question Image	A. c B. 0 C. 1 D. -c
13	The Maclaurin series expansion is valid only if it is:	A. Convergent B. Divergent C. Increasing D. Decreasing
14	Sir Isaac Newton was a(an) --------- mathematician.	A. German B. French C. Swiss D. English
15	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
16	Question Image	A. Lagrange B. Newtown C. Leibniz D. Cauchy
17	Question Image	
		A. sec x tan x

18	Question Image	A. sec x tan x B. sec²x C. -sec x tan x D. -sec²x
19	Question Image	
20	Question Image	