ICS Part 2 Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. cosech x coth x B. -cosech^{2}x C. -cosech x coth x D. cosech^{2}x
2	Question Image	A. x = a B. x = 2 C. x = 0 D. None
3	Question Image	
4	Question Image	A. sinh x B. cosh x C. -sinh x D. -cosh x
5	The instantaneous rate of change of y with respect to x is given by:	
6	If s is the distance traveled by a body at time t, the velocity is given by the expression:	
7	Question Image	A. x = a B. x = 2 C. x = 0 D. None
8	Question Image	A. sec x tan x B. sec^{2}x C. -sec x tan x D. -sec^{2}x
9	Question Image	A. 5 sin x B. cosh (5x) C. 5 cosh (5x) D. -5 cosh (5x)
10	The Maclaurin series expansion is valid only if it is:	A. Convergent B. Divergent C. Increasing D. Decreasing
11	Question Image	
12	Question Image	A. c B. 0 C. 1 D. -c
13	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
14	Question Image	
15	Question Image	A. sin x B. -cos x C. -sin x D. cos x
16	Question Image	
17	If y = f(u) and u = F(x), then:	
18	Question Image	
19	Question Image	A. sech x tanh x B. -sech x tanhx C. sech^2 x D. -sech^{2}x
20	Question Image	A. 2cosh x B. 2sinh x C. 2sinh (2x)

C. 2sinh (2x)
D. -2sinh (2x)