

ICS Part 2 Mathematics Chapter 2 Test Online

	Questions	Answers Choice
1	Question Image	A. x = a B. for all x D. x = 0
2	Question Image	
3	Question Image	A. sinh x B. cosh x Csinh x Dcosh x
4	Question Image	A. c B. 0 C. 1 Dc
5	Question Image	A. sech x tanh x Bsech ² x Csech x tanh x D. sech ² x
6	Question Image	
7	The instantaneous rate of change of y with respect to x is given by:	
8	Question Image	
9	Question Image	
10	If $f(x) = \cos x$ then $f'(0)$ is equal to:	A. 0 B1 C. 1
11	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
12	Question Image	A. sin x Bcos x Csin x D. cos x
12	Question Image Question Image	Bcos x Csin x
		Bcos x Csin x D. cos x A. 2cosh x B. 2sinh x C. 2sinh (2x)
13	Question Image	Bcos x Csin x D. cos x A. 2cosh x B. 2sinh x C. 2sinh (2x) D2sinh (2x) A. sin x B. cos x Csin x
13	Question Image Question Image	Bcos x Csin x D. cos x A. 2cosh x B. 2sinh x C. 2sinh (2x) D2sinh (2x) A. sin x B. cos x Csin x Dcos x A. Lagrange B. Newtown C. Leibniz
13 14 15	Question Image Question Image	Bcos x Csin x D. cos x A. 2cosh x B. 2sinh x C. 2sinh (2x) D2sinh (2x) A. sin x B. cos x Csin x Dcos x A. Lagrange B. Newtown C. Leibniz
13 14 15 16	Question Image Question Image Question Image If y = f(u) and u = F(x), then:	Bcos x Csin x D. cos x A. 2cosh x B. 2sinh x C. 2sinh (2x) D2sinh (2x) A. sin x B. cos x Csin x Dcos x A. Lagrange B. Newtown C. Leibniz D. Cauchy A. x = a B. x = 2 C. x = 0
13 14 15 16 17	Question Image Question Image Question Image If y = f(u) and u = F(x), then: Question Image	Bcos x Csin x D. cos x A. 2cosh x B. 2sinh x C. 2sinh (2x) D2sinh (2x) A. sin x B. cos x Csin x Dcos x A. Lagrange B. Newtown C. Leibniz D. Cauchy A. x = a B. x = 2 C. x = 0 D. None A. 5 sin x B. cosh (5x) C. 5 cosh (5x)