

ICS Part 2 Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. sec x tan x B. sec ² x Csec x tan x Dsec ² x
2	Question Image	A. x = a B. x = 2 C. x = 0 D. None
3	Question Image	
4	Question Image	
5	Question Image	A. x = a B. for all x D. x = 0
6	Question Image	A. sech x tanh x Bsech ² x Csech x tanh x D. sech ² x
7	Gottfried Whilhelm Leibniz was a (an) mathematician:	A. German B. English C. Swiss D. French
8	The function $f(x) = 3x^2$ has minimum value at :	A. x = 3 B. x = 2 C. x = 1 D. x = 0
9	Question Image	A. 1 (1 - 4) B. 2x - 3 C. x - 3 D. x ³ - 3x
10	The derivative of x with respect to y is given by:	
11	Question Image	
12	If $f(x) = \cos x$ then $f'(0)$ is equal to:	A. 0 B1 C. 1
13	Question Image	
14	Sir Isaac Newton was a(an) mathematician.	A. German B. French C. Swiss D. English
15	Question Image	A. tan x B. cot x C tan x D cot x
16	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
		A. cosech x coth x Bcosech ² x
17	Question Image	Ccosech x coth x D. cosech ² x
18	Question Image	
19	Question Image	A. 2cosh x B. 2sinh x C. 2sinh (2x)

		D2sinh (2x)
20	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