

ICS Part 2 Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. $\operatorname{sech} x \tanh x$ B. $-\operatorname{sech} x \tanh x$ C. $\operatorname{sech}^2 x$ D. $-\operatorname{sech}^2 x$
2	The instantaneous rate of change of y with respect to x is given by:	
3	Question Image	
4	Question Image	A. $\tan x$ B. $\cot x$ C. $-\tan x$ D. $-\cot x$
5	Gottfried Wilhelm Leibniz was a (an) ----- mathematician:	A. German B. English C. Swiss D. French
6	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
7	Question Image	
8	Question Image	A. $\sin x$ B. $-\cos x$ C. $-\sin x$ D. $\cos x$
9	The small change in the value of x, positive or negative is called the ----- of x.	A. Increment B. Differential C. Derivative D. none of these
10	Question Image	A. $\sinh x$ B. $\cosh x$ C. $-\sinh x$ D. $-\cosh x$
11	Question Image	A. $\sec x \tan x$ B. $\sec^2 x$ C. $-\sec x \tan x$ D. $-\sec^2 x$
12	The derivative of x with respect to y is given by:	
13	Question Image	A. $x = a$ B. $x = 2$ C. $x = 0$ D. None
14	Question Image	A. $2\cosh x$ B. $2\sinh x$ C. $2\sinh (2x)$ D. $-2\sinh (2x)$
15	Question Image	A. $x = a$ B. $x = 2$ C. $x = 0$ D. None
16	Question Image	
17	Question Image	
18	Sir Isaac Newton was a(an) ----- mathematician.	A. German B. French C. Swiss D. English
19	Question Image	

