

## ICS Part 2 Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	Question Image <input type="text"/>	A. $x = a$ B. for all $x$ D. $x = 0$
2	Question Image <input type="text"/>	A. $\sec x \tan x$ B. $\sec^2 x$ C. $-\sec x \tan x$ D. $-\sec^2 x$
3	Question Image <input type="text"/>	A. $\sinh x$ B. $\cosh x$ C. $-\sinh x$ D. $-\cosh x$
4	Question Image <input type="text"/>	A. $\operatorname{sech} x \tanh x$ B. $-\operatorname{sech} x \tanh x$ C. $\operatorname{sech}^2 x$ D. $-\operatorname{sech}^2 x$
5	If $f(x) = \cos x$ then $f'(0)$ is equal to:	A. 0 B. -1 C. 1
6	Question Image <input type="text"/>	A. $\sin x$ B. $\cos x$ C. $-\sin x$ D. $-\cos x$
7	The instantaneous rate of change of $y$ with respect to $x$ is given by:	
8	Question Image <input type="text"/>	
9	Gottfried Wilhelm Leibniz was a (an) ----- mathematician:	A. German B. English C. Swiss D. French
10	Question Image <input type="text"/>	
11	Question Image <input type="text"/>	A. $\operatorname{sech} x \tanh x$ B. $-\operatorname{sech}^2 x$ C. $-\operatorname{sech} x \tanh x$ D. $\operatorname{sech}^2 x$
12	Question Image <input type="text"/>	A. $\sec x \tan x$ B. $-\sec^2 x$ C. $-\sec x \tan x$ D. $\sec^2 x$
13	Sir Isaac Newton was a(an) ----- mathematician.	A. German B. French C. Swiss D. English
14	Question Image <input type="text"/>	A. $c$ B. 0 C. 1 D. $-c$
15	Question Image <input type="text"/>	
16	Question Image <input type="text"/>	
17	Question Image <input type="text"/>	
18	Question Image <input type="text"/>	A. $x = a$ B. $x = 2$ C. $x = 0$ D. None
19	Notation $Df(x)$ for derivative was used by:	A. Cauchy B. Newton C. Leibniz D. ...

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Question Image

- A.  $\sinh x$
- B.  $\cosh x$
- C.  $-\sinh x$
- D.  $-\cosh x$