

ICS Part 2 Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	A. $x = a$ B. $x = 2$ C. $x = 0$ D. None
4	Question Image	
5	Question Image	
6	If $f(x) = \cos x$ then $f'(0)$ is equal to:	A. 0 B. -1 C. 1
7	Question Image	A. $\sinh x$ B. $\cosh x$ C. $-\sinh x$ D. $-\cosh x$
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. $\operatorname{cosech} x \coth x$ B. $-\operatorname{cosech}^2 x$ C. $-\operatorname{cosech} x \coth x$ D. $\operatorname{cosech}^2 x$
10	If s is the distance traveled by a body at time t , the velocity is given by the expression:	
11	Question Image	A. $1(1 - 4)$ B. $2x - 3$ C. $x - 3$ D. $x^3 - 3x$
12	Question Image	A. $\operatorname{sech} x \tanh x$ B. $-\operatorname{sech} x \tanh x$ C. $\operatorname{sech}^2 x$ D. $-\operatorname{sech}^2 x$
13	The derivative of x with respect to y is given by:	
14	Question Image	A. 0 B. 1 C. -1 D. 2
15	Question Image	A. $5 \sin x$ B. $\cosh(5x)$ C. $5 \cosh(5x)$ D. $-5 \cosh(5x)$
16	Question Image	A. x with respect to y B. y with respect to y C. y with respect to x D. x with respect to x
17	Question Image	
18	Notation $Df(x)$ for derivative was used by:	A. Cauchy B. Newton C. Leibniz D. Lagrange
19	Question Image	A. $x = a$ B. $x = 2$ C. $x = 0$ D. None

