

FA Part 2 Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. x with respect to y B. y with respect to x C. y with respect to x D. x with respect to x
2	Question Image	A. $-\operatorname{cosec} x \cot x$ B. $\operatorname{cosec}^2 x$ C. $-\operatorname{cosec}^2 x$ D. $\operatorname{cosec} x \cot x$
3	Question Image	
4	Question Image	A. $\sec x \tan x$ B. $-\sec^2 x$ C. $-\sec x \tan x$ D. $\sec^2 x$
5	Question Image	A. $\operatorname{sech} x \tanh x$ B. $-\operatorname{sech} x \tanh x$ C. $\operatorname{sech}^2 x$ D. $-\operatorname{sech}^2 x$
6	Question Image	
7	Question Image	
8	Question Image	A. $x = a$ B. $x = 2$ C. $x = 0$ D. None
9	Question Image	A. $\operatorname{sech} x \tanh x$ B. $-\operatorname{sech}^2 x$ C. $-\operatorname{sech} x \tanh x$ D. $\operatorname{sech}^2 x$
10	Question Image	A. $\sin x$ B. $\cos x$ C. $-\sin x$ D. $-\cos x$
11	Question Image	A. $\sin x$ B. $-\cos x$ C. $-\sin x$ D. $\cos x$
12	Question Image	A. $\tan x$ B. $\cot x$ C. $-\tan x$ D. $-\cot x$
13	Question Image	A. $2\cosh x$ B. $2\sinh x$ C. $2\sinh(2x)$ D. $-2\sinh(2x)$
14	Question Image	
15	Question Image	A. $-\operatorname{cosec}^2 x$ B. $\operatorname{cosec}^2 x$ C. $-\operatorname{cosec} x \cot x$ D. $\operatorname{cosec} x \cot x$
16	Question Image	
17	The instantaneous rate of change of y with respect to x is given by:	
18	The function $f(x) = 3x^2$ has minimum value at :	A. $x = 3$ B. $x = 2$ C. $x = 1$ D. $x = 0$
19	Question Image	

A. $x = a$

B. $x = 2$

C. $x = 0$

D. None