

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 y C. y with respect to x D. x with respect to x
2	Question Image	A. 2cosh x B. 2sinh x C. 2sinh (2x) D. -2sinh (2x)
3	Question Image	
4	The derivative of x with respect to y is given by:	
5	The Maclaurin series expansion is valid only if it is:	A. Convergent B. Divergent C. Increasing D. Decreasing
6	If s is the distance traveled by a body at time t, the velocity is given by the expression:	
7	If $f(x) = \cos x$ then $f'(0)$ is equal to:	A. 0 B. -1 C. 1
8	Question Image	
9	Question Image	A. $-\operatorname{cosec}^2 x$ B. $\operatorname{cosec}^2 x$ C. $-\operatorname{cosec} x \cot x$ D. $\operatorname{cosec} x \cot x$
10	Question Image	A. sin x B. cos x C. -sin x D. -cos x
11	Question Image	A. sinh x B. cosh x C. -sinh x D. -cosh x
12	Question Image	A. sin x B. -cos x C. -sin x D. cos x
13	Question Image	A. sec x tan x B. $-\sec^2 x$ C. $-\sec x \tan x$ D. $\sec^2 x$
14	The function $f(x) = 3x^2$ has minimum value at :	A. x = 3 B. x = 2 C. x = 1 D. x = 0
15	Question Image	
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	A. 5 sin x B. cosh (5x) C. 5 cosh (5x) D. -5 cosh (5x)

