

## FA Part 2 Mathematics Chapter 2 Test Online

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	A. sinh x B. cosh x Csinh x Dcosh x
3	Question Image	A. sec x tan x  B. sec <sup>2</sup> x Csec x tan x Dsec <sup>2</sup> x
4	Question Image	A. 0 B. 1 C1 D. 2
5	The instantaneous rate of change of y with respect to x is given by:	
6	Question Image	A. sech x tanh x Bsech <sup>2</sup> x Csech x tanh x D. sech <sup>2</sup> x
7	Question Image	A. tan x B. cot x C tan x D cot x
8	Question Image	
9	Question Image	
10	Question Image	A. 2cosh x B. 2sinh x C. 2sinh (2x) D2sinh (2x)
11	Question Image	A. cosech x coth x  Bcosech <sup>2</sup> x  Ccosech x coth x  D. cosech <sup>2</sup> x
12	Question Image	A. c B. 0 C. 1 Dc
13	Question Image	
14	Question Image	A cosec <sup>2</sup> x B. cosec <sup>2</sup> x C cosec x cot x D. cosec x cot x
15	If $y = f(u)$ and $u = F(x)$ , then:	
16	Question Image	
17	Question Image	
18	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
19	Notation Df(x) for derivative was used by:	A. Cauchy B. Newton C. Leibniz D. Lagrange
20	Question Image	A. x = a B. for all x D y = 0