ICS Part 2 Mathematics Chapter 3 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. 36 B. 42 C. 48 D. 12
2	Question Image	
3	Question Image	A. a cosec (ax + b) D. cot (ax + b)
4	Question Image	A. 0 B. 1 C. 2 D. 4
5	Question Image	A. domain B. range C. lower limit D. upper limit
6	Question Image	A. Integral B. Indefinite integral C. Differential D. Definite integral
7	Question Image	A. integration by parts B. definite integral C. Differentation D. None of these
8	The technique or method to find such a function whose derivative is given involves the inverse process of differentiation called:	A. Differentiation B. Integration C. Differential D. None of these
9	Question Image	
10	Question Image	A. tan x + c B. - tan x + c C. sec x tan x + c D. - sec x tan x + c
11	The term dy (or df) = f '(x) dx is called the _____ of the dependent variable y.	A. Differentiation B. Integration C. Differential D. None of these
12	Question Image	A. cosec x + c B. -cosec x + c C. cot x + c D. - cot x + c
13	Question Image	A. Derivative B. Differential C. Integral D. None of these
14	Question Image	A. cot x B. - cot x C. cosec x cot x D. -cosec x cot x
15	Question Image	A. Integration by parts B. Definite integral C. Differentiation D. None of these
16	If $y = x^2 + 1$ _____ x changes from 3 to 3.02 then dy = _____	A. 0.1204 B. .12 C. .02 D. 1.2
17	Question Image	A. ln |sin x| B. - ln |sin x| C. ln |cos x|

		D. -ln |cos x|
18	Question Image	A. domain B. range C. lower limit D. upper limit
19	Question Image	C. 2 D. 1
20	If y = sin x then dy =	A. cosy dx B. cos x C. cosx dx D. cos xdy