ICS Part 2 Mathematics Chapter 3 Test Online

Sr	Questions	Answers Choice
1	Question Image	A. equal to each other B. not equal to each other C. nearly equal to each other D. None of these
2	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
3	Question Image	
4	Question Image	A. e^{2x} sin x + c B. e^{2x}cosx + c C. -e^{2x}sin x + c D. -e^{2x}cosx + c
5	Question Image	C. 2 D. 1
6	Question Image	A. e^{ax} B. f(x) C. e^{ax}f(x) D. e^{ax + f(x)}
7	Question Image	A. cos x + c B. - cos x + c C. sin x + c D. -sin x + c
8	Question Image	A. tan x + c B. -tan x + c C. sec x + c D. -sec x + c
9	Question Image	A. cot x B. - cot x C. cosec x cot x D. -cosec x cot x
10	Question Image	A. Derivative B. Differential C. Integral D. None of these
11	Question Image	A. 36 B. 42 C. 48 D. 12
12	Question Image	A. Integration by parts B. Definite integral C. Differentiation D. None of these
13	Question Image	A. integration by parts B. definite integral C. Differentation D. None of these
14	An integral of $3x^2$ is:	A. x³+c B. 3 C. 6x D. x^{2+c}
15	Question Image	A. ln |sec x + tan x | + c B. ln |cosec x - cot x | + c C. ln |sec x - tan x | + c D. ln |cosec x + cot x | + c
16	Question Image	A. equal to each other B. not equal to each C. nearly equal to each other D. none of these

17	If the graph of f is entirely below the x-axis, then the definite integral is:	A. Positive B. Positive or negative C. Negative D. Positive and negative
18	Question Image	A. Integral B. Indefinite integral C. Differential D. Definite integral
19	Question Image	A. 0 B. 1 C. 2 D. 4
20	Question Image	A. domain B. range C. lower limit D. upper limit