

Mathematics ECAT Pre Engineering Chapter 19 Integration Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	D. none of these
3	aucotton image	
4	Question Image	A. a tan(ax + b) + c B a tan(ax + b) + c
5	Question Image	
6	Question Image	
7	The number of arbitrary constants in the general solution of a differential equation is equal to the different equation	A. Order B. Degree C. Variables D. All are correct
8	The arbitrary constants involving in the solution can be determined by the given conditions. Such conditions are called	A. Boundaries B. Variable separable C. Initial values D. None
		A. 5x ^{4 + c} B. 1/6 x ⁶ + c
9	Question Image	C. 5x ^{< c D. 1/5 x⁶+ c}
10	Question Image	<u>.</u>
		A. sin x + c
11	Question Image	Bsin x + c C. cos x + c
		Dcos x + c
12	Question Image	A. a sec(ax + b) + c B a sec(ax + b) + c
13	Te order of the differential equation of all conics whose axes coincide with the axes of co- ordinates is	A. 2 B. 3 C. 4 D. 1
14	Question Image	
15	Question Image	B. a ^x ln a + c C. a ^x + c D. x a ^x + c
16	Question Image	C. In f(x) + c D. f(x) - c
17	Question Image	A. x ³ - x ² + x + c B. 6x - 2 + c C. x ³ - 2x + c
18	Question Image	
19	Question Image	B. sin 2x + c Csin 2x + c
20	Question Image	