

ECAT Pre General Science Mathematics Chapter 19 Integration Online Test

Sr	Questions	Answers Choice
1	The process of finding a function whose derivative is given is called a	A. Differentiation B. Integration C. Differential D. None
2	Question Image	B. ln(x ² - x + 1) ⁴ + c
3	Question Image	
4	∫f(x) is known as:	A. Definite itegral B. Indefinite integral C. Fixed integral D. Multiple integral
5	Question Image	A. 1 B. 2 C. 3 D. 4
6	The area between the x-axis the curve y =4x-x2 is:	A. 32/2 B. 15 C. 18 D. 21
7	Question Image	
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
9	Question Image	
10	Question Image	
11	The differential equation representing the family of curves $y = A \cos(x + B)$, where A, B are parameters, is	
12	Question Image	B. 6x + 2 + c C. 6x + x ² + c D. 6x ³ + x ² + x
13	Question Image	A. 1 B. 2 C. 3 D. 4
14	Question Image	
15	Question Image	
16	Question Image	A. 6x - 2 + c B. x ³ - x ² + x + c C. 6x - x ² + c D. 6x ³ - x ² + c
17	Question Image	
18	Question Image	
	Question Image	A. sec 5x + c B sec 5x + c
19	Question image	D 360 JX 1 C