

## Mathematics ECAT Pre Engineering Chapter 19 Integration Online Test

Sr	Questions	Answers Choice
1	Which of the following integrals can be evaluated	
2	If the graph of f is entirely below the x-axis, then the value of definite integral is	A. = 0 B. < 0 C. > 0 D. None
3	Question Image	A. a sin(ax + b) + c B a sin(ax + b) + c
4	The differential equation of all st. lines which are at a constant distance to form the origin is	
5	Question Image	C. In f(x) + c D. f(x) - c
6	If the lower limit of an integral is a constant and the upper limit is a variable, then the integral is a	A. Constant function B. Variable value C. Function of upper limit D. All
7	Question Image	
8	∜8.6 is approximately equal to	A. 2.488 B. 2.48 C. 2.0488 D. 2.05
9	The area between the x-axis the curve y =4x-x2 is:	A. 32/2 B. 15 C. 18 D. 21
10	Question Image	
11	Question Image	
12	Question Image	
13	Question Image	A. A variable B. A constant C. 0 D. None of these
14	Question Image	
15	Question Image	
16	Question Image	A. a cot(ax + b) + c B a cot(ax + b) + c
17	Question Image	
18	Question Image	
19	Question Image	
20	Question Image	