ECAT Mathematics Chapter 19 Integration

Sr	Questions	Answers Choice
1	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
2	Question Image	A. 1 B. 2 C. 3 D. 4
3	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
4	Question Image	
5	Question Image	
6	The differential equation of all st. lines which are at a constant distance to form the origin is	
7	Question Image	
8	Question Image	
9	Question Image	A. A variable B. A constant C. 0 D. None of these
10	Question Image	A. a cos(ax + b) + c B. - a cos(ax + b) + c
11	Question Image	
12	Question Image	
13	Question Image	A. 2x + 3 B. x²+ 3 + c
14	Question Image	
15	Question Image	B. tan 3x + c C. cot 3x + c D. - cot 3x + c
16	Question Image	A. 4(x³- 3x²)³+ c B. 3x²- 6x + c
17	Question Image	
18	Question Image	A. - cot 4x + c B. cot 4x + c C. tan 4x + c D. - tan 4x + c
19	The solution of differential equation:	A. dy/dx+y/x = x²is : B. 4xy = x⁴+ c C. 4x = x⁴= c D. 4 y = x⁴+ c E. 4x=4x³ + c
20	Question Image	A. sin x + c B. -sin x + c C. cos x + c D. -cos x + c