ECAT Mathematics Chapter 19 Integration

Sr	Questions	Answers Choice
1	Question Image	A. (x³- 3x²) ⁸+ c D. 3x²- 6x + c
2	Question Image	
3	Question Image	D. none of these
4	Question Image	
5	Question Image	A. 6x - 2 + c B. x³- x²+ x + c C. 6x - x²+ c D. 6x³- x²+ c
6	Question Image	
7	Question Image	
8	Which of the following integrals can be evaluated	
9	Question Image	
10	The area between the x-axis the curve y =4x-x2 is :	A. 32/2 B. 15 C. 18 D. 21
11	Question Image	
12	Question Image	
13	Question Image	
14	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
15	Question Image	A. 2x + 3 B. x²+ 3 + c
16	Question Image	
17	The approximate increase in the area of a circular disc if its diameter increased form 44cm to 44.4cm is	A. 0.4cm B. 8.8πcm C. 17.6 πcm D. 35.2πcm
18	∫sin(ax+b) dx is equal to:	A. 1/2a cos (ax + b) B. -1/a cos (ax +b) C. 1/a cos (ax +b) D. 1/a ln (ax + b)
19	The set of all antiderivaties of f(= ∫f(x)dx) is the	A. Definite integral B. Indefinite integral C. Integral D. Area
20	Question Image	A. cos 3x + c B. - cos 3x + c