ECAT Mathematics Chapter 19 Integration

Sr	Questions	Answers Choice
1	Question Image	
2	The area between the x-axis and the curve $y = x^2 + 1$ from x = 1 to 2 is:	A. 15/6 B. 15/4 C. 10/4 D. 10/3
3	Question Image	
4	Question Image	A. sec 5x + c B. - sec 5x + c
5	Question Image	
6	Question Image	A. a tan(ax + b) + c B. - a tan(ax + b) + c
7	Question Image	
8	Question Image	
9	The area bounded by y = x (x2 - 4) and below x - axis is	A. 4 B. 0 C. -4 D. 8
10	Question Image	
11	Question Image	A. 4(x³- 3x²)³+ c B. 3x²- 6x + c
12	The area between the x-axis the curve y =4x-x2 is :	A. 32/2 B. 15 C. 18 D. 21
13	Question Image	A. a cos(ax + b) + c B. - a cos(ax + b) + c
14	Question Image	B. a^xln a + c C. a^x+ c D. x a^x+ c
15	Question Image	
16	Question Image	
17	Question Image	
18	The area under the curve $y = 1/x^2$ between x = 1 and x =4 is:	A. -25 B. 0.75 C. -0.35 D. -10
19	Question Image	A. 1 + tan²x + c B. tan x + c C. -tan x + c D. cot x + c
20	Question Image	