Dawson College: Calculus II (SCIENCE): 201-NYB-05-S3: Winter 2023: Quiz 7	name:	
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Books, watches, notes or cell phones are not allowed. The only calculators allowed are the Sharp EL-531\*\*. You must show all your work, the correct answer is worth 1 mark the remaining marks are given for the work.

## **Question 1.** (5 marks) Evaluate the integral

$$\int x^2 \arctan x \, dx$$

**Question 2.** (5 marks) Evaluate the integral

$$\int \frac{1}{x^3 - 1} \, dx$$