



# Sample Exam

Course: Introduction to Everything  
Date: 2025-10-26

1

Student ID

Student name

Instructions

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ID: Use one character (A-Z, 0-9) per box.

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Answers: Completely fill the box of your chosen answer.

Correct:

Incorrect:

•

Corrections: Use correction fluid to erase mistakes.

Signature

	A	B	C	D	E
1	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
2	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
3	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>
4	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>





1. What is the output of the following Python code? `x = [1, 2, 3]; y = x; y.append(4); print(x)`

- A) [1, 2, 3, 4]
- B) [1, 2, 3]
- C) [1, 2, 3, [4]]
- D) A `SyntaxError` is raised.

2. What animal is shown in the image below?



- A) A dog
- B) A fish
- C) A bird
- D) A cat

3. Which of the following is NOT a primary color?

- A) Green
- B) Red
- C) Yellow
- D) Blue

4. What is the value of the following integral?

$$\int_0^{\infty} e^{-x^2} dx$$

- A)  $\pi$
- B)  $\frac{\pi}{2}$
- C)  $\sqrt{\pi}$
- D)  $\frac{\sqrt{\pi}}{2}$