

# Exam

## Multiple Choice

1. What is the Prototype Design Pattern?

- a. A pattern that allows us to make new objects by copying existing objects.
- b. A pattern that allows us to create objects from scratch.
- c. A pattern that allows us to modify existing objects.
- d. A pattern that allows us to delete existing objects.

2. What is an advantage of using the Prototype Design Pattern?

- a. Reduced complexity of object construction.
- b. Efficient object creation.
- c. Maintaining object relationships.
- d. All of the above.

## Identification

1. What is the Prototype Pattern?

## **True or False**

1. The Prototype Pattern allows us to make new objects by copying existing objects.
2. The Prototype Design Pattern is a behavioral design pattern.

## **Fill in the Blanks**

1. The Prototype Pattern is a \_\_\_\_\_ design pattern that allows us to make new objects by copying existing objects.
2. The Prototype pattern allows for creating new objects by \_\_\_\_\_ existing ones.

## **Essay**

1. Identify the components of the Prototype Design Pattern.
2. Identify the pros and cons of the Prototype Design Pattern.