# Multiple Choice

1. Who were the authors that introduced the Bridge Design Pattern?

A. Gang of Four

B. The Beatles

C. The Programming Trio

D. The Software Quartet

2. What is the main benefit of using the Bridge Design Pattern in terms of code structure?

A. Increased complexity

B. Reduced readability

C. Separation of concerns

D. Higher coupling

3. In the Bridge Design Pattern, what can be independently evolved without affecting each other?

A. Client and Server

B. Interface and Implementation

C. Class and Object

D. Method and Property

4. Which of the following is a real-world application of the Bridge Design Pattern?

A. Integrating multiple payment gateways in e-commerce platforms

B. Creating a single-threaded application

C. Developing a monolithic software architecture

D. Building a static website

5. What is a potential downside of the Bridge Design Pattern when it comes to performance?

A. Faster execution time

B. Reduced memory usage

C. Multiple indirections

D. Simplified debugging

# Answer Key

Question 1: `. Gang of Four

Question 2: b. Separation of concerns

Question 3: a. Interface and Implementation

Question 4: `. Integrating multiple payment gateways in e-commerce platforms

Question 5: b. Multiple indirections