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Questions

1. What is the purpose of using "PG_SLEEP(15)" in the SQL statement?

- A. It updates all values in a column
- B. It deletes all records in the database
- C. It retrieves data from another table
- D. It pauses execution for a specified amount of time

2. In the context of SQL injection, why might an attacker include the condition 'OR 163=(SELECT 163' in a SQL statement?

- A. To prevent SQL execution
- B. To bypass authentication checks
- C. To optimize query performance
- D. To encrypt sensitive data

3. Why are comment symbols such as -- included in SQL injection attack strings?

- A. To enhance query syntax
- B. To reorder query execution
- C. To prioritize important code
- D. To prevent remaining SQL code from executing

4. How do OR statements in SQL injections pose security risks in web applications?

- A. Altering logic flow
- B. Optimizing queries
- C. Increasing data storage
- D. Improving indices

5. What is the primary threat posed by SQL injection?

- A. Modifying HTTP requests
- B. Bypassing network firewalls
- C. Stealing passwords
- D. Executing harmful SQL commands

6. What technique is primarily used by attackers to implement SQL injection?

- A. Secure hashing
- B. Permission revocation
- C. Input manipulation
- D. Data migration