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Questions

1. In the SQL injection statement '555oPKBxCBF' OR 467=(SELECT 467 FROM PG_SLEEP(15))--', what role does the 'PG_SLEEP(15)' function serve?

- A. To pause execution for a specified time
- B. To conditionally update table records
- C. To count the rows in a table
- D. To encrypt the query

2. What is one potential impact of an SQL Injection attack on a database-driven application?

- A. Disrupts normal operations
- B. Improves database security
- C. Prevents code execution
- D. Optimizes query performance

3. What is a strategy that can uncover system vulnerabilities by simulating attacks and revealing potential security gaps?

- A. Hardening firewalls
- B. Enforcing strong passwords
- C. Routine application logging
- D. Comprehensive penetration testing