

# 1

## Questions

**1. What is the potential impact of deploying a SQL command such as '555wLnxnr7r') OR 188=(SELECT 188 FROM PG\_SLEEP(15))--' in a database application?**

- A. Increases database efficiency
- B. Enhances application security
- C. May expose sensitive information
- D. Improves user authentication

**2. Which SQL injection technique is often identified by using a deliberate time delay in a query to observe the impact?**

- A. Boolean-based blind
- B. Error-based
- C. Union-based
- D. Time-based blind

**3. Which of the following describes a defense mechanism against SQL injections?**

- A. Using input validation and sanitation
- B. Increasing query execution speed
- C. Conducting frequent full-system backups
- D. Disabling database logging

**4. In terms of SQL vulnerabilities and attacks, what kind of threat is attempted with '555wLnxnr7r') OR 188=(SELECT 188 FROM PG\_SLEEP(15))--'?**

- A. User authentication bypass
- B. Content management manipulation
- C. Denial of service
- D. Data exfiltration

**5. In SQL injection attacks, what purpose does the sequence '--' serve?**

- A. It comments out any unintended trailing SQL code
- B. It acts as a logical AND operator
- C. It transfers the query execution to another database
- D. It increases the execution priority of the query