





#### **OBJECT ORIENTED PROGRAMMING WITH JAVA**

# **Assignment11**

TYPE OF QUESTION: MCQ

Number of questions: 10 Total mark:  $10 \times 1 = 10$ 

## **QUESTION 1:**

Which of the following is not a JDBC drivers?

- a. Native API driver
- b. Thin driver
- c. Network protocol driver
- d. Local Protocol driver

Correct Answer: d

**Detailed Solution:** 

There are 4 types of JDBC drivers: JDBC-ODBC bridge driver, network protocol driver, native-API driver and thine driver.

#### **QUESTION 2:**

Which of the following is a JDBC class component?

- a. Connection
- b. ResultSet
- c. Statement
- d. Driver

**Correct Answer: b** 

**Detailed Solution:** 

ResultSet is a JDBC class component and remaining are JDBC interface components.

**QUESTION 3:** 



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As with Statement objects, to execute a PreparedStatement object, it need to be call an execute statement. Which of the following statement(s) is/are true regarding this?

- a. executeQuery: if the query returns only one ResultSet (such as a SELECT SQL statement).
- b. executeUpdate: if the query does not return a ResultSet (such as an UPDATE SQL statement).
- c. execute: if the query might return more than one ResultSet object.
- d. executupdateQuery: if the query does return a ResultSet (such as an UPDATE SQL statement).

Correct Answer: a,b,c

**Detailed Solution:** 

All options are correct except option (d).

**QUESTION 4:** 

Which of the following statement(s) is/are true, when the return value for executeUpdate is 0?

- a. The statement executed was an update statement that affected zero rows.
- b. The statement executed was a DDL statement.
- c. The statement executed was an update statement that affected one row.
- d. The statement executed was a DCL statement.

Correct Answer: a, b

**Detailed Solution:** 

Either the statement executed was an update statement that affected zero rows or the statement executed was a DDL statement, when the return value for executeUpdate is 0.

**QUESTION 5:** 

Which of the following statement is used for executing a database stored procedure?

a. Statement



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- b. PreparedStatement
- c. CallableStatement
- d. None of these

#### **Correct Answer: c**

#### **Detailed Solution:**

CallableStatement in JDBC is used for executing a database stored procedure.

#### **QUESTION 6:**

Once a JDBC driver has been registered, which of the following method is used to make a database connection?

- a. getConnection(String url, String userID, String password)
- b. setConnection(String url, String userID, String password)
- c. Connect(String url, String userID, String password)
- d. Any one of the above.

#### Correct Answer: a

#### **Detailed Solution:**

The getConnection (String url, String userID, String password) method is used to make the database connection.

#### **QUESTION 7:**

The SQL command "USE test" implies, which of the following?

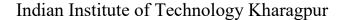
- a. List all the databases those are there in the database server.
- b. List all the tables those are there under the database.
- c. Create a table called test.
- d. Set test as the current working database, so that any SQL command bind to the test database only.

#### Correct Answer: d

#### **Detailed Solution:**

The USE command is used to set the current working database.







#### **QUESTION 8:**

#### What happens after execution of the following code?

```
import java.sql.*;
class InsertPrepared{
      public static void main(String args[]){
                  Class.forName("com.mysql.jdbc.Driver");
                  Connection con=DriverManager.getConnection(
                  "jdbc:mysql://localhost/database", "Java", "july");
                  PreparedStatement stmt=con.prepareStatement("INSERT INTO
table VALUES(?,?)");
                  stmt.setInt(1,"Joe");
                  stmt.setString(2,"Dan");
                  stmt.executeUpdate();
                  con.close();
            catch(Exception e) {
                  System.out.println(e);
      }
}
```

- a. Compilation error
- b. Runtime error
- c. 1, "Joe" is replaced by 2, "Dan"
- d. "Joe"and"Dan"both are inserted in different columns of same row.

Correct Answer: d

#### **QUESTION 9:**

How do you know in your Java program that a SQL warning is generated as a result of executing a SQL statement in the database?

- a. You must catch the checked SQLException which is thrown by the method which executes the statement.
- b. You must catch the unchecked SQLWarningException which is thrown by the method which executes the statement.
- c. You must invoke the getWarnings() method on the Statement object (or a sub interface thereof).
- d. You must query the ResultSet object about possible warnings generated by the database.

#### **Correct Answer: c**

#### **Detailed Solution:**

The getWarnings() method can return, if the SQL database server returns any error or warning.



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# **QUESTION 10:**

# Which one of the following SQL type represent getfloat()?

- a. FLOAT
- b. REAL
- c. INTEGER
- d. DOUBLE

Correct Answer: b

Detailed Solution:

REAL is a SQL type which represent getfloat(), that is a ResultSet method.