



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:



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



- 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[]){
        try{
            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.



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.
