

ISteer JDBC Test Paper-1

1).How many JDBC driver types does Sun define?

- A. One
- B. Two
- C. Three
- D. Four

Answer: Option D

2).Where is metadata stored in MySQL?

- A. In the MySQL database metadata
- B. In the MySQL database metasql
- C. In the MySQL database mysql
- D. None of the above is correct.

Answer: Option C

3).Who invented Java?

- A. Netscape
- B. Microsoft
- C. Sun
- D. None of the above is correct.

Answer: Option C

4).To run a compiled Java program, the machine must have what loaded and running?

- A. Java virtual machine
- B. Java compiler
- C. Java bytecode
- D. A Web browser

Answer: Option A

5).Which JDBC driver Type(s) can be used in either applet or servlet code?

- A. Both Type 1 and Type 2
- B. Both Type 1 and Type 3
- C. Both Type 3 and Type 4
- D. Type 4 only

Answer: Option C

6)._____ is an open source DBMS product that runs on UNIX, Linux and Windows.

- A. MySQL
- B. JSP/SQL
- C. JDBC/SQL
- D. Sun ACCESS

Answer: Option A

7).What is sent to the user via HTTP, invoked using the HTTP protocol on the user's computer, and run on the user's computer as an application?

- A. A Java application
- B. A Java applet
- C. A Java servlet
- D. None of the above is correct.

Answer: Option B

8).What MySQL property is used to create a surrogate key in MySQL?

- A. UNIQUE
- B. SEQUENCE
- C. AUTO_INCREMENT
- D. None of the above -- Surrogate keys are not implemented in MySQL.

Answer: Option C

9). What is not true of a Java bean?

- A. There are no public instance variables.
- B. All persistent values are accessed using getxxx and setxxx methods.
- C. It may have many constructors as necessary.
- D. All of the above are true of a Java bean.

Answer: Option C

10). Which JDBC driver Type(s) can you use in a three-tier architecture and if the Web server and the DBMS are running on the same machine?

- A. Type 1 only
- B. Type 2 only
- C. Both Type 3 and Type 4
- D. All of Type 1, Type 2, Type 3 and Type 4

Answer: Option D

11).Which JDBC driver Type(s) is(are) the JDBC-ODBC bridge?

- A. Type 1
- B. Type 2
- C. Type 3
- D. Type 4

Answer: Option A

12).JDBC stands for:

- A. Java Database Connectivity
- B. Java Database Components
- C. Java Database Control
- D. None of the above is correct.

Answer: Option A

13). Which of the following is an advantage of using PreparedStatement in Java?

- A. Slow performance
- B. Encourages SQL injection
- C. Prevents SQL injection
- D. More memory usage

Answer: Option C

14) Which type of Statement can execute parameterized queries?

- A. PreparedStatement
- B. ParameterizedStatement
- C. ParameterizedStatement and CallableStatement
- D. All kinds of Statements (i.e. which implement a sub interface of Statement)

Answer: Option A

15) Which statements about JDBC are true?

- A. JDBC is an API to connect to relational-, object- and XML data sources
- B. JDBC stands for Java DataBase Connectivity
- C. JDBC is an API to access relational databases
- D. JDBC is an API to bridge the object-relational mismatch between OO programs and relational databases

Answer: Option B

PART-2

1. what are the different types of driver explain each and every thing?
2. what is the difference between statement & prepared statement?
3. what is the difference between ResultSet & ResultSetMetaData?
4. What are the different types of Statements explained each and every one?
5. what are the different types of execute method and explain?

PART-3

1. Use the following tables and create database and develop CURD(Create|Update|Read|Delete) operations

Tables: Customer | Product

Interface : DAO

classes: Bean classes, DAOImplementation | Menu's classes