OBJECT ORIENTED PROGRAMMING WITH JAVA

Assignment 11

TYPE OF QUESTION: MCQ

Number of questions: 10   **Total mark: 10× 1 = 10**

QUESTION 1:

Which of the following method(s) is/are used to set the query parameters of the PreparedStatement Object?

   a. putString( )
   b. insertString( )
   c. setString( )
   d. setInt( )

Correct Answer: c, d

Detailed Solution:

The setter methods (setShort, setString, and so on) for setting input parameter values must specify types that are compatible with the defined SQL type of the input parameter.

QUESTION 2:

Which one of the following contains date information?

   a. java.sql.TimeStamp
   b. java.sql.Time
   c. java.io.Time
   d. java.io.TimeStamp

Correct Answer: a

Detailed Solution:
java.sql.Time contains only time. Whereas, java.sql.TimeStamp contains both time and date.

QUESTION 3:

Which of the following can be used to parse data from a table in database?

   a. ResultSet
   b. PreparedStatement
   c. Connection

d. Statement

Correct Answer: a

Detailed Solution:

A ResultSet provides access to a table of data generated by executing a Statement.

QUESTION 4:

The SQL command "USE test" is used to

a. list all the databases with subtext as 'test'.
b. list all the tables those are there under the database with subtext as 'test'.
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 5:

Which of the following SQL command(s) is/are used for entering a new record into a table, say TEST?

a. SELECT
b. CREATE
c. INSERT
d. UPDATE

Correct Answer: c

Detailed Solution:
The INSERT   INTO command is used to insert a record in to a table provided that a table already exists. If the table contains record, then the current record will be added at the end of the table.

QUESTION 6:

MySQL is a _____.

 a. Java Database Connectivity (JDBC)
 b. Relational Database Management System (RDBMS)
 c. Java Runtime Environment (JRE)
 d. Java Development Kit (JDK)

Correct Answer: b

Detailed Solution:
MySQL is an Oracle-backed open source relational database management system (RDBMS) based on Structured Query Language (SQL).

QUESTION 7:

Once a JDBC driver has been registered, what method is used to make the 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 8:

In JDBC, all raw data types (including binary documents or images) should be read and uploaded to the database as an array of

 a. int
 b. char
 c. byte
 d. String

Correct Answer: c

Detailed Solution:
All data types should be read and uploaded to the database as an array of bytes.

QUESTION 9:

The class `java.sql.Timestamp` has its super class as

        a.   java.sql.Time
        b.   java.util.Date
        c.   java.util.Time
        d.   java.lang.Date

Correct Answer: b

Detailed Solution:
The `java.sql.Timestamp` inherits `java.util.Date` class.

QUESTION 10:

What is the use of `PreparedStatement`?

a. It makes the Connection object to be getting ready.
b. It executes SQL query and returns the data in a table (ResultSet) object.
c. It determines the number of rows a ResultSet can contain.
d. It is a precompiled series of SQL statements to be executed at one go.

Correct Answer: d

Detailed Solution:
The PreparedStatement is used for executing a precompiled SQL statement

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