1) What are the major components of the JDBC?

1. DriverManager, Driver, Connection, Statement, and ResultSet
2. DriverManager, Driver, Connection, and Statement
3. DriverManager, Statement, and ResultSet
4. DriverManager, Connection, Statement, and ResultSet

2) Select the packages in which JDBC classes are defined?

1. jdbc and javax.jdbc
2. rdb and javax.rdb
3. jdbc and java.jdbc.sql
4. sql and javax.sql

3) Thin driver is also known as?

Java Try Catch

1. Type 3 Driver
2. Type-2 Driver
3. Type-4 Driver
4. Type-1 Driver

4) What is the correct sequence to create a database connection?

i. Import JDBC packages.

ii. Open a connection to the database.

iii. Load and register the JDBC driver.

iv. Execute the statement object and return a query resultset.

v. Create a statement object to perform a query.

vi. Close the resultset and statement objects.

vii. Process the resultset.

viii. Close the connection.

1. i, ii, iii, v, iv, vii, viii, vi
2. i, iii, ii, v, iv, vii, vi, viii
3. ii, i, iii, iv, viii, vii, v, vi
4. i, iii, ii, iv, v, vi, vii, viii

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5) Which of the following method is used to perform DML statements in JDBC?

1. executeResult()
2. executeQuery()
3. executeUpdate()
4. execute()

6) How many transaction isolation levels provide the JDBC through the Connection interface?

1. 3
2. 4
3. 7
4. 2

7) Which of the following method is static and synchronized in JDBC API?

1. getConnection()
2. prepareCall()
3. executeUpdate()
4. executeQuery()

8) Which methods are required to load a database driver in JDBC?

1. getConnection()
2. registerDriver()
3. forName()
4. Both b and c

9) Parameterized queries can be executed by?

1. ParameterizedStatement
2. PreparedStatement
3. CallableStatement and Parameterized Statement
4. All kinds of Statements

10) Which of the following is not a valid statement in JDBC?

1. Statement
2. PreparedStatement
3. QueryStatement
4. CallableStatement

12) What does setAutoCommit(false) do?

1. It will not commit transactions automatically after each query.
2. It explicitly commits the transaction.
3. It never commits the transactions.
4. It does not commit transaction automatically after each query.

13) Stored procedure can be called by using the ????..?

1. CallableStatement
2. Statement
3. CalledStatement
4. PreparedStatement

14) What should be the correct order to close the database resource?What should be the correct order to close the database resource?

1. Connection, Statements, and then ResultSet
2. ResultSet, Connection, and then Statements
3. Statements, ResultSet, and then Connection
4. ResultSet, Statements, and then Connection

18) Which of the following driver is the fastest one?

1. JDBC-ODBC Bridge Driver
2. Native API Partly Java Driver
3. Network Protocol Driver
4. JDBC Net Pure Java Driver

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19) Which of the following is not a type of ResultSet object?

1. TYPE\_FORWARD\_ONLY
2. CONCUR\_WRITE\_ONLY
3. TYPE\_SCROLL\_INSENSITIVE
4. TYPE\_SCROLL\_SENSITIVE

20) What is JDBC Savepoint?

1. An intermediate or checkpoint in a transaction
2. A point where we can store queries
3. A point where the JDBC application starts execution
4. A memory where we can store transaction

21) How many stages are used by Java programmers while using JDBC in their programs?

1. 3
2. 2
3. 5
4. 6

26) What are the types of ResultSet in JDBC?

1. Forward ResultSet
2. Scrollable ResultSet
3. Only a
4. Both a and b

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31) Are ResultSets updateable?

1. Yes, but only if we call the method openCursor() on the ResultSet and if the driver and database support this option.
2. Yes, but only if we indicate a concurrency strategy when executing the statement, and if the driver and database support this option.
3. Yes, but only if the ResultSet is an object of class UpdateableResultSet and if the driver and database support this option.
4. No, ResultSets are never updateable. We must explicitly execute a DML statement to change the data in the underlying database.

32) Which of the following interface provides the commit() and rollback() methods?

1. Statement Interface
2. ResultSet Interface
3. Connection Interface
4. RowSet Interface

33) How many statement objects can be created using a Connection?

1. 2
2. 1
3. 3
4. Multiple