**Batch 41 (AdvJava Exam on 22nd March)**

**1.** What does setAutoCommit(false) do?

|  |  |
| --- | --- |
| (a) | commits transaction after each query |
| (b) | explicitly commits transaction |
| (c) | does not commit transaction automatically after each query |
| (d) | never commits transaction |

**2.** \_\_\_\_\_\_ is method of JDBC batch process.

|  |  |
| --- | --- |
| (a) | removeBatch() |
| (b) | addBatch() |
| (c) | setBatch() |
| (d) | deleteBatch() |

**3.** Which type of JDBC driver is the fastest one?

|  |  |
| --- | --- |
| (a) | Type-1 |
| (b) | Type-2 |
| (c) | Type-3 |
| (d) | Type-4 |

**4.** What causes "No suitable driver" error?

|  |  |
| --- | --- |
| (a) | Due to failing to load the appropriate JDBC drivers before calling the getConnection(). |
| (b) | it can be specifying an invalid JDBC URL, one that is not recognized by JDBC driver. |
| (c) | This error can occur if one or more the shared libraries needed by the bridge cannot be loaded. |
| (d) | All of these |

**5.** What is the use of blob, clob datatypes in JDBC?

|  |  |
| --- | --- |
| (a) | to store byte array |
| (b) | to store large amount of data into database like images, movie |
| (c) | to store arrived packets like UDP packets |
| (d) | to store char array |

**6.** The interface ResultSet has a method, getMetaData(), that returns…

|  |  |
| --- | --- |
| (a) | Object |
| (b) | Value |
| (c) | Tuple |
| (d) | Result |

**7.** \_\_\_\_\_\_ Methods returns a stream that simply provides the raw bytes from the database without any conversion?

|  |  |
| --- | --- |
| (a) | getCharacterStream |
| (b) | getBinaryStream |
| (c) | getAsciiStream |
| (d) | getUnicodeStream |

**8.** In \_\_\_\_\_\_ ResultSet, the cursor can scroll forwards and backwards, and the result set is sensitive to changes made by others to the database that occur after the result set was created?

|  |  |
| --- | --- |
| (a) | ResultSet.TYPE\_FORWARD\_ONLY |
| (b) | ResultSet.TYPE\_SCROLL\_SENSITIVE |
| (c) | ResultSet.TYPE\_SCROLL\_INSENSITIVE |
| (d) | None of the above |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **9.**UDA means\_\_\_\_\_\_.   |  |  | | --- | --- | | (a) | Unified Data Access | | (b) | Universal Data Access | | (c) | Universal Digital Access | | (d) | Uniform Data Access | |

**10.** What is the correct order to close database resources?

|  |  |
| --- | --- |
| (a) | Connection then Statement then ResultSet |
| (b) | ResultSet then Statement then Connection |
| (c) | Statement then Connection then ResultSet |
| (d) | Statement then ResultSet then Connection |

**11.** Which method Drops all changes made since the previous commit/rollback?

|  |  |
| --- | --- |
| (a) | rollback() |
| (b) | commit() |
| (c) | close() |
| (d) | close() |

**12.** Which of following statement is false for PreparedStatement ?

|  |  |
| --- | --- |
| (a) | PreparedStatement is used to execute the parameterized query. |
| (b) | Query is compiled only once. |
| (c) | PreparedStatement is used when we need to provide input parameters to the query at runtime. |
| (d) | In the PreparedStatement, the query is compiled each time we run the program. |

**13.** The executeUpdate method can be used with \_\_\_\_\_\_\_\_\_\_\_\_.

|  |  |
| --- | --- |
| (a) | Statements(Select and Update both) |
| (b) | Select statement. |
| (c) | Update/delete/insert operations in the database. |
| (d) | Only insert operation. |

**14.** Which of following is use of absolute() method of ResultSet object ?

|  |  |
| --- | --- |
| (a) | Moves the cursor to the specified row. |
| (b) | Moves the cursor forward one row from its current position. |
| (c) | Moves the cursor the given number of rows forward or backward, from where it is currently pointing. |
| (d) | Moves the cursor to the first row. |

**15.** Which of following interface is used to get driver name ?

|  |  |
| --- | --- |
| (a) | DatabaseMetadata |
| (b) | ResultSetMetaData |
| (c) | MetaData |
| (d) | ResultSet |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **16.**Which of following is return type of executeBatch() ?   |  |  | | --- | --- | | (a) | int[] | | (b) | Integer | | (c) | Integer[] | | (d) | int | |

**17.** Which of the following prevent dirty reads, non-repeatable reads, and phantom reads in JDBC ?

|  |  |
| --- | --- |
| (a) | TRANSACTION\_READ\_COMMITTED |
| (b) | TRANSACTION\_READ\_UNCOMMITTED |
| (c) | TRANSACTION\_REPEATABLE\_READ |
| (d) | TRANSACTION\_SERIALIZABLE |

**18.Connection interface extends from \_\_\_\_\_**

**(a)Statement and PreparedStatement**

**(b)Wrapper and AutoCloseable**

**(c)PreparedStatement and CallableStatement**

**(d)None**

**19.We use the following to retrieve Column names from ResultSet**

**(a)DatabaseMetaData**

**(b)ResultSetMetaData**

**(c)ParameterMetaData**

**(d)RowSetMetaData**

**20.WebRowSet extends from\_\_\_\_**

**(a)RowSet**

**(b)ResultSet**

**(c)CachedRowSet**

**(d)JdbcRowSet**

**Answers:**

Here are the correct answers:

1. **(c)** does not commit transaction automatically after each query
2. **(b)** addBatch()
3. **(d)** Type-4
4. **(d)** All of these
5. **(b)** to store large amounts of data into database like images, movies
6. **(d)** ResultSetMetaData
7. **(b)** getBinaryStream
8. **(b)** ResultSet.TYPE\_SCROLL\_SENSITIVE
9. **(b)** Universal Data Access
10. **(b)** ResultSet then Statement then Connection
11. **(a)** rollback()
12. **(d)** In the PreparedStatement, the query is compiled each time we run the program. *(False statement)*
13. **(c)** Update/delete/insert operations in the database.
14. **(a)** Moves the cursor to the specified row.
15. **(a)** DatabaseMetadata
16. **(a)** int[]
17. **(d)** TRANSACTION\_SERIALIZABLE
18. **(b)** Wrapper and AutoCloseable
19. **(b)** ResultSetMetaData
20. **(a)** RowSet