

Assignment -1

Q-1 State true or false . Justify your answer [5]

- 1) A Java program cannot directly communicate with an ODBC driver
- 2) The `executeQuery` method executes a simple query and returns a single Result Set object.
- 3) The `setString()` method is used with Statement class
- 4) To connect to database `DriverManager` class is used.
- 5) using `rowCount` method rows of the resultset can be counted.

Q-2 Answer the following [15] [3 marks each]

- 1) Explain the scenario when you will use Statement class or PreparedStatement class with example.
- 2) Explain the scenario when you will use ResultSetMetadata Class with example.
- 3) What does `setAutoCommit(false)` do?
- 4) What does `Class.forName()` method do?
- 5) Explain the scenarios when `execute()`, `executeUpdate()` and `executeQuery()` must be used with example.