1. What are the following things we don't need to perform in Spring JDBC Template?

a. We need to write a lot of code before and after executing the query,such as creating connection,statement, ,closing resultset,connection etc.

b. need to perform exception handling on the database logic.

c. Need to handle transaction

d. All of the Above.

2 Spring _____ is a powerful mechanism to connect to the database and execute SQL queries.

a. JDBC Template

b. IOC Container

c. Spring MVC

d. Spring AOP

3 The Spring JDBC template converts the standard JDBC SQLException into ....

a. Runtime Exceptions.

b.ClassNotFoundException

c.CompiletimeExceptions

d. Vendor Specific error Messages.

4 In Spring JDBC Template queryForList() returns..........

a. List of HashMaps.

b. POJO Class object.

c. Integer

d. String

5 public int update(String query) is used for ....

a. insert

b. update

c. delete

d. All of the above.

6 Spring framework provide ....class for configuring DataSource in bean configuration file.

a. DriverManagerDataSource

b. DriverManagerSourceFile

c. DataSource

d. DataSourceDriverManager

7 Spring JDBC Template handles the exception and provides the informative exception messages by the help of excepion classes defined

a. org.springframework.dao package.

b. org.springframework.dao.exception

c. org.springframework.exception

d. org.springframework.jdbc.exception

8 We implement .... interface to override the statement creation task.

a. PreparedStatement

b. PreparedStatementCreator

c. PreparedCreator

d. None of the mentioned

9 Class which declares a number of overloaded update() template methods to control the overall update process.

a. org.springframework.jdbc.core.JdbcTemplate

b. org.springframework.jdbc.core.*

c. org.springframework.jdbc.*

d. none of the mentioned

10 The JdbcTemplate class offers template method for batch update operations.

a. batchUpdate()

b. update()

c. all of the mentioned

d. none of the mentioned

11 Class which declares a number of overloaded update() template methods to control the overall update process.
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b. org.springframework.jdbc.core.*
c. org.springframework.jdbc.*
d. none of the mentioned

12 The JdbcTemplate class offers template method for batch update operations.
a. batchUpdate()
b. update()
c. all of the mentioned
d. none of the mentioned

13 The JdbcTemplate class declares a number of overloaded query() template methods to control the overall query process.

a. True

b. False

14 SimpleJdbcTemplate offers a convenient batch update method in the form of:-

a. Vector

b. Set

c. Map

d. List

15 Method to retrieve the JDBC template.

a. setJdbcTemplate()

b. getTemplate()

c. getJdbc()

d. getJdbcTemplate()

16 The org.springframework.jdbc.core.support.JdbcDaoSupport class has a setDataSource() method and a setJdbcTemplate() method.

a. True

b. False

17 Method which provides list of maps.

a. queryForList()

b. update

c. query()

d. all of the mentioned

18. SimpleJdbcTemplate class wraps the JdbcTemplate class and provides the update method where we can pass arbitrary number of arguments.

a. True

b. False

19 It handles the exception and provides the informative exception messages by the help of excepion classes defined in the org.springframework.dao package.

    a. **True**

    b. False

20 Which classes are present in spring JDBC API?

    a. JdbcTemplate

    b. SimpleJdbcTemplate

    c. NamedParameterJdbcTemplate

    d. SimpleJdbcInsert

    e. All of the above

21 Which of the following is advantage of using JDBC connection pool?

a. Better performance

b. Using more memory

c. Using less memory

d.Slow performance

22 All the exceptions thrown by the Spring JDBC Framework are subclasses of

a. ArrayIndexOutofBounds Exception

b. Null pointer Exception

c. DataAccessException

d. FileNotFoundException

23 What is benefit of using Spring Jdbc

a. Open the statement

b. create preparestatement

c. execute the SQL

d. All the above

24 Why should you use JdbcTemplate in Spring ?

a. The Spring JdbcTemplate converts the standard JDBC SqlExceptions into RuntimeExceptions.

b. The Spring JdbcTemplate allows to clean-up the resources automatically, no need to write the extra code.

c. both a&b

d. none of the above

25 If you want to execute multiple queries with a single prepared statement, which method of JdbcTemplate should be used

a. execute()

b. prepareExecute()

c. executeAll()

d. none of the above

26 What is the functions of Transaction management in spring jdbc

a. reduces the amount of boiler-plate code in JDBC operations

b. file uploading

c. only a

d. both a&b

27 The Spring JDBC Template has the following advantage compared with standard JDBC.

a. Spring JDBC template converts the vendor specific error messages into better understandable error messages.

b. The Spring JDBC template offers several ways to query the database

c. The Spring JDBC template allows to clean-up the resources automatically, e.g. release the database connections.

d. All the above

28 We don't need to create CallableStatement when using SimpleJdbcCall class

a. True

b. False

29 In Spring JDBC development, you can use _____ and _____ classes to simplify the overall database operation processes.

a. jdbc,jdbcDao

b. JdbcTemplate ,JdbcDaoSupport

c. dbcTemplate,jdbc

d. none of the above

30 Class which declares a number of overloaded update() template methods to control the overall update process.

a. org.springframework.jdbc.core.JdbcTemplate

b. org.springframework.jdbc.core.*

c. org.springframework.jdbc.*

d. none of the mentioned

31 Class which declares a number of overloaded update() template methods to control the overall update process.

a. org.springframework.jdbc.core.JdbcTemplate

b. org.springframework.jdbc.core.*

c. org.springframework.jdbc.*

d. none of the mentioned

32 It is better to implement the PreparedStatementCreator interface and other callback interfaces as inner classes if they are used within one method only.

a. True

b. False

33 The JdbcTemplate class offers template method for batch update operations.

a. batchUpdate()

b. update()

c. all of the mentioned

d. none of the mentioned

34 The JdbcTemplate class declares a number of overloaded query() template methods to control the overall query process.

a. True

b. False

35 RowCallbackHandler's purpose is to map a single row of the result set to a customized object.

a. True

b. False

36 Method of RowMapper interface in which, you have to construct the object that represents a row and return it as the method's return value.

a. mapRow()

b. query()

c. update()

d. none of the mentioned

37 RowMapper implementation which can automatically map a row to a new instance of the specified class.

a. BeanPropertyRowMapper

b. BeanPropertyRow

c. All of the mentioned

d. None of the mentioned

38 Method which provides list of maps.

a. queryForList()

b. update

c. query()

d. all of the mentioned

39 The org.springframework.jdbc.core.support.JdbcDaoSupport class has a setDataSource() method and a setJdbcTemplate() method.

a. True

b. False

40 Method to retrieve the JDBC template.

a. setJdbcTemplate()

b. getTemplate()

c. getJdbc()

d. getJdbcTemplate()

41 Which is the only method in ResultSetExtractor Interface?

a. resultSet(Result Set rs)

b. extractResultSet(ResultSet rs)

c. extractData(ResultSet rs)

d. none of the above

42 ResultSetExtractor is a ------------?

a. class

b. interface

c. Abstract class

d. none of the above.

43 What we return using ResultSetExtractor

a. row

b. result set

c. list

d. none of above

44 Which Spring class use for result set parsing and merging rows int osingle object?

a. RowMapper

b. ResultSetExtractor

c. ResultSetMapper

d. RowCallbackHandler

45 Which method of JDBCTemplate class take the instance of ResultSetExtractor?

a. query()

b. execute()

c. update()

d. All of the above.

46 extractData() method of ResultSetExtrator throws which Exception?

a. NullPointerException

b. DataAccessException

c. both a & b

d. none of the above

47 ResultSetExtractor is available in which package?

a. import org.springframework.jdbc.core.JdbcTemplate

b. import org.springframework.jdbc.core.ResultSetExtractor

c. import org.springframework.dao.ResultSetExtractor

d. None of the above.

48 Spring framework offers a consistent data access exception-handling mechanism for its data access module.

a. True

b. false

49 The direct parent class of DataAccessException is:

a. RunTimeException

b. NestedRuntimeException

c. Exception

d. Throwable

50 Which concrete exception in the DataAccessException hierarchy should be thrown?

a. errorCode

b. SQL State properties of the caught SQLException

c. All of the mentioned

d. None of the mentioned

51 Method of RowMapper interface in which, you have to construct the object that represents a row and return it as the method's return value.

a. mapRow()

b. query()

c. update()

d. none of the mentioned

52 RowCallbackHandler purpose is to map a single row of the result set to a customized object.

a. True

b. False

53 RowMapper implementation which can automatically map a row to a new instance of the specified class.

a. BeanPropertyRowMapper

b. BeanPropertyRow

c. All of the mentioned

d. None of the mentioned

54 Which class is used to map a database row to a java object in spring?

a. ResultSetExctractor

b. ResultMapper

c. RowMapper

d. RowExctractor

55 Which of the following interface contains mapRow() method?

a. ResultSetExctrator

b. RowMapper

c. ResultMapper

d. RowExctractor

56 Which class does the query method belongs to ?

a. RowMapper

b. ResultSetExctrator

c. ResultSetDataSource

d. DataSourceManager

57 mapRow() belongs to which of the following

a. ResultSetExctrator

b. RowMapper

c. ResultMapper

d. RowExctractor

58 Which method belongs to NamedParameterJdbcTemplate class?

a. query()

b. execute()

c. showAll()

d. display()

59 Which of the following queries is update() not capable of handling ?

a. select

b. insert

c. update

d. delete

60 What is the function of RowMapper in spring JDBC?

a. mapping each row to Result object

b. processing whole rows at the same time

c. mapping each columns

d. proccesing whole columns at the same time

61 _____method executes a query and returns a result object.

    a. query()

    b. queryForObject()

    c. Both a and b

    d. None of the above

62 Class which declares a number of overloaded update() template methods to control the overall update process.

    a. org.springframework.jdbc.core.JdbcTemplate

    b. org.springframework.jdbc.core.*

    c. org.springframework.jdbc.*

    d. none of the mentioned

63 The return type of the queryForObject() method will be determined by the class argument.

    a. True

    b. False

64 Update() method is used for _____ operations.

   a. insert

   b. delete

   c. update

   d. All of the above

65 Select the correct one from below:

   a. String query = SELECT * FROM EMPLOYEES WHERE EMP_ID=? ;

   b. String query = "SELECT * FROM EMPLOYEES WHERE EMP_ID=?"

   c. String query = "SELECT * FROM EMPLOYEES WHERE EMP_ID=?" ;

   d. String query = "SELECT * FROM EMPLOYEES WHERE EMP_ID=3";

66 Which method is used for getting the details from database and in returning in result object

   a. jdbcTemplate.queryForObject(query,**new** RowMapperData(),bookId);

   b. jdbcTemplate.queryForObject(query,**new** BookResultsetExtractor(),bookId);

   c. either a or b

   d. both

67 Select one query for inserting the values()

   a. String query = "UPDATE INTO BOOK VALUES (? ,?,?,?)";

   b. String query = "INSERT INTO BOOK VALUES (? ,?,?,?)";

   c. only b

   d. only a

68 What should be passed in update method in order to define the parameterized query

    a. query

    b. parameter values

    c. parameter

    d. None of the above

69 _____method is used for insert, update and delete operations.

    a. insert()

    b. update()

    c. delete()

    d. All of the above

70 To get the count of any variable or table which one is used

    a. count

    b. *

    c. count(*)

    d. count *

ANSWERS

1-d

2-a

3-a

4-a

5-d

6-a

7-a

8-b

9-a

10-c

11-a

12-c

13-no answer

14-d

15-d

16-a

17-a

18-a

19-

20-

21-a

22-c

23-d

24-c

25-a

26-d

27-d

28-a

29-b

30-a

31-a

32-a

33-c

34-c

35-b

36-a

37-a

38-a

39-a

40-d

41-c

42-b

43-c

44-b

45-a

46-b

47-b

48-a

49-b

50-c

51-a

52-b

53-a

54-c

55-b

56-a

57-b

58-b

59-a

60-a

61-a

62-a

63-a

64-d

65-c

66-c

67-b

68-b

69-b

70-c