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.

Ans:a

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

Ans:a

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

a. Runtime Exceptions.

b.ClassNotFoundException

c.CompiletimeExceptions

d. Vendor Specific error Messages.

Ans:a

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

a. List of HashMaps.

b. POJO Class object.

c. Integer

d. String

Ans:a

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

a. insert

b. update

c. delete

d. All of the above.

Ans:d

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

configuration file.

a. DriverManagerDataSource

b. DriverManagerSourceFile

c. DataSource

d. DataSourceDriverManager

Ans:a

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

Ans:a

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

a. PreparedStatement

b. PreparedStatementCreator

c. PreparedCreator

d. None of the mentioned

Ans:b

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

Ans:a

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

Ans:c

11 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

Ans:a

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

Ans:c

13 The JdbcTemplate class declares a number of overloaded query() template

methods to control the overall query process.

a. True

b. False

Ans:a

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

a. Vector

b. Set

c. Map

d. List

Ans:d

15 Method to retrieve the JDBC template​.

a. setJdbcTemplate()

b. getTemplate()

c. getJdbc()

d. getJdbcTemplate()

Ans:d

16 The org.springframework.jdbc.core.support.JdbcDaoSupport class has a

setDataSource() method and a setJdbcTemplate() method.

a. True

b. False

Ans:a

17 Method which provides list of maps.

a. queryForList()

b. update

c. query()

d. all of the mentioned

Ans:a

18. SimpleJdbcTemplate class wraps the JdbcTemplate class and provides the update

method where we can pass arbitrary number of arguments​.

a. True

b. False

Ans:a

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

Ans:a

20 Which classes are present in spring JDBC API?

a. JdbcTemplate

b. SimpleJdbcTemplate

c. NamedParameterJdbcTemplate

d. SimpleJdbcInsert

e. All of the above

Ans:e

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

Ans:a

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

a. ArrayIndexOutofBounds Exception

b. Null pointer Exception

c. DataAccessException

d. FileNotFoundException

Ans:c

23 What is benefit of using Spring Jdbc

a. Open the statement

b. create preparestatement

c. execute the SQL

d. All the above

Ans:d

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

Ans:c

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

Ans:a

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

Ans:d

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

Ans:d

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

a. True

b. False

Ans:a

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

Ans:b

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

Ans:a

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

Ans:a

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

Ans:a

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

Ans:c

34 The JdbcTemplate class declares a number of overloaded query() template

methods to control the overall query process.

a. True

b. False

Ans:a

35 RowCallbackHandler’s purpose is to map a single row of the result set to a

customized object.

a. True

b. False

Ans:b

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

ans:A

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

Ans:a

38 Method which provides list of maps.

a. queryForList()

b. update

c. query()

d. all of the mentioned

Ans:a

39 The org.springframework.jdbc.core.support.JdbcDaoSupport class has a

setDataSource() method and a setJdbcTemplate() method.

a. True

b. False

ans:a

40 Method to retrieve the JDBC template.

a. setJdbcTemplate()

b. getTemplate()

c. getJdbc()

d. getJdbcTemplate()

Ans:d

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

Ans:c

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

a. class

b. interface

c. Abstract class

d. none of the above.

Ans:b

43 What we return using ResultSetExtractor

a. row

b. result set

c. list

d. none of above

Ans:c

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

a. RowMapper

b. ResultSetExtractor

c. ResultSetMapper

d. RowCallbackHandler

Ans:b

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

a. query()

b. execute()

c. update()

d. All of the above.

Ans:a

46 extractData() method of ResultSetExtrator throws which Exception?

a. NullPointerException

b. DataAccessException

c. both a & b

d. none of the above

Ans:b

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.

Ans:b

48 Spring framework offers a consistent data access exception-handling mechanism

for its data access module.

a. True

b. false

Ans:a

49 The direct parent class of DataAccessException is:

a. RunTimeException

b. NestedRuntimeException

c. Exception

d. Throwable

Ans:b

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

Ans:c

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

Ans:a

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

customized object.

a. True

b. False

Ans:b

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

Ans:a

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

a. ResultSetExctractor

b. ResultMapper

c. RowMapper

d. RowExctractor

Ans:c

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

a. ResultSetExctrator

b. RowMapper

c. ResultMapper

d. RowExctractor

Ans:b

56 Which class does the query method belongs to ?

a. RowMapper

b. ResultSetExctrator

c. ResultSetDataSource

d. DataSourceManager

Ans:a

57 mapRow() belongs to which of the following

a. ResultSetExctrator

b. RowMapper

c. ResultMapper

d. RowExctractor

Ans:b

58 Which method belongs to NamedParameterJdbcTemplate class?

a. query()

b. execute()

c. showAll()

d. display()

Ans:b

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

a. select

b. insert

c. update

d. delete

Ans:a

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

Ans:a

61 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_method executes a query and returns a result object.

a. query()

b. queryForObject()

c. Both a and b

d. None of the above

Ans:a

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

Ans:a

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

argument.

a. True

b. False

Ans:a

64 Update() method is used for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ operations.

a. insert

b. delete

c. update

d. All of the above

Ans:d

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”;

Ans:c

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

Ans:c

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

Ans:b

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

Ans:b

69 \_\_\_\_\_\_\_\_\_\_\_\_\_method is used for insert, update and delete operations.

a. insert()

b. update()

c. delete()

d. All of the above

Ans:b

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

a. count

b. \*

c. count(\*)

d. count

Ans:c