**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.**a. org.springframework.jdbc.core.JdbcTemplate  
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.**

1. True
2. False

**20  Which classes are present in spring JDBC API?**

1. JdbcTemplate
2. SimpleJdbcTemplate
3. NamedParameterJdbcTemplate
4. SimpleJdbcInsert
5. 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