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