

Chapter 3: Java Data Base Connectivity (JDBC).

1. What is fullform of JDBC?
(A) Java Database Communication
(B) Java Database Connectivity
(C) Java Database Create
(D) None of Above
2. What is fullform of API?
(A) Application Programming Interface
(B) Application Programming Infrastructure
(C) Advanced Programming Interface
(D) None of Above
3. Which models do the JDBC API support for the database access?
(A) Two-tier
(B) Three-tier
(C) Both A & B
(D) None of Above
4. Which of the following is correct about driver interface of JDBC?
(A) JDBC driver is an interface enabling a Java application to interact with a database.
(B) The JDBC driver gives out the connection to the database and implements the protocol for transferring the query and result between client and database.
(C) Both A & B
(D) None of Above
5. Which of the following manages a list of database drivers in JDBC?
(A) DriverManager
(B) Connection
(C) JDBC Driver
(D) Statement
6. How many types of JDBC drivers are available?
(A) 2
(B) 3
(C) 4

(D) 5

7. Which of the following is not type of JDBC driver?

- (A) Type-1
- (B) Type-2
- (C) Type-4
- (D) Type-5**

8. Which JDBC driver is typically used for development and testing purposes only?

- (A) Type-1**
- (B) Type-2
- (C) Type-3
- (D) Type-4

9. Which JDBC driver is also called Type 4 JDBC driver?

- (A) Native-API
- (B) JDBC-ODBC Bridge driver
- (C) Native-protocol driver**
- (D) Net-protocol driver

10. Which of the following JDBC drivers is known as a partially java driver?

- (A) JDBC-ODBC bridge driver
- (B) Native-API driver**
- (C) Network Protocol driver
- (D) Thin driver

11. Which JDBC driver is also called Thin driver?

- (A) Native-API
- (B) JDBC-ODBC Bridge driver
- (C) Net-protocol driver
- (D) Native-protocol driver**

12. Which JDBC driver type is JDBC-ODBC bridge driver?

- (A) Type-1**
- (B) Type-2
- (C) Type-3
- (D) Type-4

13. Which JDBC driver type is Middleware driver?

- (A) Type-1
- (B) Type-2
- (C) Type-3**
- (D) Type-4

14. Which JDBC driver type is Native-API driver?

- (A) Type-1
- (B) Type-2**
- (C) Type-3
- (D) Type-4

15. Which driver converts JDBC calls directly into the vendor-specific database protocol?

- (A) Native - API driver
- (B) Network Protocol driver
- (C) Thin driver**
- (D) None of Above

16. How does JDBC handle the data types of Java and database?

- (A) The JDBC driver converts the Java data type to the appropriate JDBC type before sending it to the database
- (B) It uses a default mapping for most data types
- (C) Both A & B**
- (D) None of Above

17. When we write Class.forName() loads the driver class, does it mean it imports the driver class using import statement?

- (A) true
- (B) false**

18. State true or false: Statement is interface.

- (A) true**
- (B) false

19. Which of the following is correct about Statement?

- (A) Used for general-purpose access to your database
- (B) Useful when you are using static SQL statements at runtime
- (C) The Statement interface cannot accept parameters.

(D) All of Above

20. Which packages contain the JDBC classes?

(A) java.jdbc and javax.jdbc

(B) java.sql and javax.sql

(C) java.jdbc and java.jdbc.sql

(D) None of Above

21. Which package needs to import to make database connection in java?

(A) import java.util.*;

(B) import java.JDBC.*;

(C) import java.sql.*;

(D) None of Above

22. Which of the following is used to call stored procedure?

(A) PreparedStatement

(B) CallableStatement

(C) Statement

(D) CallableStatement

23. Which of the following method used to execute SELECT Query?

(A) execute()

(B) executeQuery()

(C) Both A & B

(D) None of Above

24. Which of the following method used to execute UPDATE() query?

(A) execute()

(B) executeUpdate()

(C) executeQuery()

(D) Both A & B

25. The performance of the application will be faster if you use PreparedStatement interface because query is compiled only once.

(A) true

(B) False

26. Which of the following is an advantage of using PreparedStatement in Java?

(A) Slow performance

(B) Prevents SQL injection

- (C) Encourages SQL injection
- (D) None of Above

27. Which of the following is correct driver to connect mysql database?

- (A) com.java.mysql.Driver
- (B) sun.jdbc.mysql.Driver
- (C) com.mysql.jdbc.Driver**
- (D) None of Above

28. Which method of DriverManager class is used to establishment connection with database?

- (A) Connection()
- (B) SetConnection()
- (C) Both A & B
- (D) getConnection()**

29. Which driver is efficient and preferable for JDBC applications?

- (A) Type-1
- (B) Type-2
- (C) Type-3
- (D) Type-4**

30. State true or False: next() method of ResultSet is used to move to the next row of the ResultSet, making it the current row.

- (A) true**
- (B) False

31. Which method is used to execute DML statements in JDBC?

- (A) execute()
- (B) executeUpdate()**
- (C) executeQuery()
- (D) None of Above

32. DatabaseMetaData is used to

- (A) execute DML statement.
- (B) execute Select statement only.
- (C) get inside information of database.**
- (D) None of Above

33. Which method is used in situations where no results are expected except row count status?

(A) execute()

(B) executeQuery()

(C) executeUpdate()

(D) Both A & B