1. What is [JDBC](http://download.oracle.com/javase/7/docs/)?  
  
A) java compiler   
**B)**[**Java API**](http://www.java.com/)   
C) Java interpreter   
D) Both A and B  
  
  
2. JDBC is a ..................... interface, which means that it is used to invoke SQL commands directly   
  
**A) low-level**B) middle-level   
C) higher-level   
D) user  
  
  
3. ODBC is not appropriate for direct use from java because it uses a ..............   
  
**A) C interface**   
B) C# interface   
C) java interface   
D) Both A and C  
  
  
4. Java Soft provides ................. JDBC product components as part of the java Developer's Kit (JDK)   
  
**A) three**B) two   
C) four   
D) single  
  
  
5. Kind of driver converts JDBC calls on the client [API](http://en.wikipedia.org/wiki/Application_programming_interface) for Oracle, [Sybase](http://www.google.com/finance?q=NYSE:SY), Informix, DB2, or other DBMS is known as   
  
A) JDBC-Net pure Java driver   
B) [JDBC-ODBC Bridge](http://en.wikipedia.org/wiki/JDBC_driver) plus [ODBC driver](http://en.wikipedia.org/wiki/ODBC)   
**C) Native-API partly-Java driver**

D) Both A and B  
  
  
  
6. JSP stands for ..........................   
  
**A)**[**Java server Pages**](http://www.oracle.com/technetwork/java/jsp-138432.html)B) Java server Programming   
C) Java Server Process   
D) Java Socket Programming  
  
  
  
7. JSP includes a mechanism for defining ............................... or custom tags.   
  
A) static attributes   
B) local attributes   
**C) dynamic attributes**D) global attributes  
  
8. JSP is not governed by the syntax and semantics defined by the ................... specifications.   
  
**A) Java 2**B) Java 2.4   
C) Java 1   
D) [Java 1.2](http://en.wikipedia.org/wiki/Java_version_history)  
    
9. JSP containers are required to support ..................... different formats of JSP syntax.   
  
**A) Two**B) Three   
C) Four   
D) Only One  
  
10. The difference between Servlets and JSP is the ................   
  
A) translation   
B) compilation   
**C) syntax** D) Both A and B   
  
1. A Java program cannot directly communicate with an ODBC driver because .......

**A) ODBC written in C language**B) ODBC written in C# language  
C) ODBC written in C++ language  
D) ODBC written in [Basic language](http://en.wikipedia.org/wiki/BASIC)  
  
2.The [JDBC-ODBC Bridge](http://en.wikipedia.org/wiki/JDBC_driver) driver translates the JDBC API to the ODBC API and used with .......  
  
A) JDBC drivers  
**B)**[**ODBC drivers**](http://en.wikipedia.org/wiki/ODBC)C) Both A and B  
D) None of the above  
  
  
  
3. The ............................. package contains classes that help in connecting to a database, sending SQL statements to the database, and processing the query results.  
  
A) connection.sql  
B) db.sql  
C) pkg.sql  
**D) java.sql**  
  
4. The ................................ method executes a simple query and returns a single Result Set object.  
  
A) executeUpdate()  
**B) executeQuery()**C) execute()  
D) noexecute()  
  
  
5. The ......................... method executes an SQL statement that may return multiple results.  
  
A) executeUpdate()  
B) executeQuery()  
**C) execute()**D) noexecute()  
  
  
6. The ........................ object allows you to execute parametrized queries.  
  
A) [ResultSet](http://en.wikipedia.org/wiki/Result_set" \o "Result set" \t "_blank)   
B) Parametrized  
**C) PreparedStatement**D) Condition  
  
7. The .................. object provides you with methods to access data from the table.  
  
**A) ResultSet**B) Parametrized  
C) TableStatement  
D) Condition  
  
8. The parameters of the PreparedStatement object are ...................... when the user clicks on the Query button.  
  
**A) initialized**B) started  
C) paused  
D) stopped  
  
9. The ...................... method sets the query parameters of the PreparedStatement Object.  
  
A) putString()  
B) insertString()  
**C) setString()**D) setToString()  
  
10. Connection object can be initialized using the ............................ method of the Driver Manager class.  
  
A) putConnection()  
B) setConnection()  
C) Connection()  
**D) getConnetion()**  
  
1) JDBC is a Java API that is used to connect and execute query to the database?  
  
**A) True**B) False  
  
  
2) Which of these API represents that software programs can follow to communicate with each other?  
  
A) Interfaces  
B) Classes  
**C) Both A & B**D) None of the above  
  
3) An API can be created for   
  
A) applications  
B) libraries  
C) operating systems  
**D) All mentioned above**  
  
4) How many types of JDBC drivers available?  
  
A) 3 **B) 4** C) 2 D) 5  
  
  
5) In the following JDBC drivers which is known as partially java driver?  
  
A) JDBC-ODBC bridge driver  
**B) Native-API driver**C) Network Protocol driver   
D) Thin driver  
  
  
6) In the following JDBC drivers which are known as fully java driver?  
  
A) Native-API driver   
B) Network Protocol driver   
C) Thin driver   
  
  
7) Which driver uses ODBC driver to connect to the database?  
  
**A) JDBC-ODBC bridge driver**B) Native-API driver  
C) Network Protocol driver   
D) Thin driver  
  
  
8) Which driver converts JDBC calls directly into the vendor-specific database protocol?  
  
A) Native-API driver   
B) Network Protocol driver   
**C) Thin driver**D) Both B & C 

9) Why java program cannot directly communicate with an ODBC driver?  
  
A) ODBC written in C# language  
**B) ODBC written in C language**C) ODBC written in C++ language  
D) None of the above  
  
  
10) How many steps are used to connect any java application with the database in java using JDBC?  
  
**A) 5** B) 4 C) 3 D) 6  
  
  
11) Which method of Class class is used to register the driver class, This method is used to dynamically load the driver class?  
  
**A) forName()**B) getConnection()  
C) createStatement()  
D) executeQuery()  
  
12) The default username for the oracle database is system?  
  
**A) True** B) False  
  
  
13) Give the ways to set Temporary Path of JDK in Windows?  
  
A) Open command prompt  
B) copy the path of jdk/bin directory  
C) write in command prompt: set path=copied\_path  
**D) All mentioned above**  
14) Abbrevate the term DSN?  
  
A) Digital Source Name  
D) Data Source Name  
C) Data Socket Name  
**D) Data String Name**  
  
15) The default username for the mysql database is?  
  
A) System **B) root** C) Both A & B D) None of the above.

16) The following example to connect Java Application with access?  
import java.sql.\*;   
class Test{   
public static void main(String ar[]){   
try{   
String url="jdbc:odbc:mydsn";   
Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");   
Connection c=DriverManager.getConnection(url);   
Statement st=c.createStatement();   
ResultSet rs=st.executeQuery("select \* from login");   
  
while(rs.next()){   
System.out.println(rs.getString(1));   
}   
  
}catch(Exception ee){System.out.println(ee);}   
  
}}   
  
**A) With DSN**B) With out DSN  
C) Both A & B  
D) None of the above

17) In DriverManager class which method is used to establish the connection with the specified url?  
  
A) public static void registerDriver(Driver driver)  
B) public static void deregisterDriver(Driver driver)  
**C) public static Connection getConnection(String url)**D) public static Connection getConnection(String url,String userName,String password)

18) In Connection interface which method Drops all changes made since the previous commit/rollback?  
  
**A) public void rollback()**B) public void commit()  
C) public void close()  
D) public Statement createStatement()  
  
  
19) Which interface provides methods to execute queries with the database?  
  
A) Connection interface  
**B) Statement interface**C) ResultSet interface  
D) None of the above

20) Which maintains a cursor pointing to a particular row of data,Initially, cursor points to before the first row?  
  
A) Connection interface  
B) Statement interface  
**C) ResultSet interface**D) None of the above  
  
21) ResultSet object can be moved forward only and it is updatable?  
  
A) True **B) False**  
  
22) Which is used to execute parameterized query?  
  
A) Statement interface  
**B) PreparedStatement interface**C) ResultSet interface  
D) None of the above

23) The performance of the application will be faster if you use PreparedStatement interface because query is compiled only once?  
  
**A) True** B) False

24) This is an example of prepared statement interface that ?  
PreparedStatement stmt=con.prepareStatement("select \* from emp");   
ResultSet rs=stmt.executeQuery();   
while(rs.next()){   
System.out.println(rs.getInt(1)+" "+rs.getString(2));   
}   
  
A) deletes the record  
**B) retrieve the record**C) updates the record  
D) inserts the record

25) ResultSetMetaData interface is useful because it provides methods to get metadata from the ResultSet object?  
  
**A) True** B) False

26) By using Which interface You can store images in the database in java by the help of ?  
  
**A) PreparedStatement interface**B) ResultSetMetaData interface  
C) DatabaseMetData interface  
D) None of the above

27) Abbreviate the full form of CLOB?  
  
**A) Character Large Object**B) Character Loop Object  
C) Collection Large Object  
D) Collection Loop Object  
  
  
28) Which is used to call the stored procedures and functions, CallableStatement interface?  
  
**A) CallableStatement Interface**B) PreparedStatement Interface  
C) Both A & B  
D) None of the above

29) The performance of the application will be faster if you use PreparedStatement interface because query is compiled only once?  
  
**A) True** B) False

30) The ACID properties does not describes the transaction management well ?  
  
A) True  **B) False**

31) JDBC stands for?  
  
**A) Java database connectivity**B) Java database concept  
C) Java database communications  
D) None of the above

32) ARRAY,CLOB,BLOB and REF type columns can be updated in?  
  
A) JDBC 2.0 B) JDBC 1.0 **C) JDBC 3.0** D) JDBC 4.0

33) In Transaction Management of JDBC which means once a transaction has been committed, it will remain so, even in the event of errors, power loss etc.?  
  
A) Atomicity  
B) Isolation  
C) Consistency  
**D) Durability**

34) In Transaction Management in JDBC Transaction represents?  
  
**A) single unit of work**B) Multiple unit of work  
C) Both A & B  
D) None of the above

35) which interfaces provide methods for batch processing in JDBC?  
  
A) java.sql.Statement   
B) java.sql.PreparedStatement  
**C) Both A & B**D) None of the above

36) JDBC RowSet is the wrapper of ResultSet,It holds tabular data like ResultSet but it is easy and flexible to use?  
  
**A) True** B) False