

Q)What is Java?

- 1)Object Oriented Programming Language
- 2)Platform
- 3)Technology

Q)Where is Java mostly used?

=>In web application development.

For eg. online banking application, online shopping application, online reservation application etc.

Q)Which is the basis for a company to provide services to customers?

=>data

Q)Which features should data possess in a web application?

- 1)persistence(permanence)
- 2)Security
- 3)easy accessibility

Note:- If we store data in a database we get all these features for data.

Q)What is the role of Java in a web application?

- 1)communicating with the database and performing CRUD operations
- 2)processing of data
- 3)making processed data available to the front-end

Q)What is the obstacle for Java-database communication?

=>To perform any task, a Java program can make only a method call. But, DBMS can't understand Java method calls. It understands only SQL.

=>Java compiler doesn't accept SQL directly.

=>Java and database are heterogeneous to each other.

Q)How Java-database communication?

=>by using JDBC

Q)What is JDBC?

=>JDBC is a Java based data access technology from Sun Microsystems.