**JDBC Questions**

1) Explain JDBC architecture.

2) Discuss JDBC Driver types.

3) Compare traditional Client Server architecture with 3-tier application in java.

Or

Discuss how communication happens between client and middle tier with diagram.

4) List steps associated with Database Connectivity .

5) Discuss types of statements associated with JDBC.

6) How java SE’s distributed object model is similar to javas SE’s platform object model?(Hint:See oracle docs)

7) Discuss the steps of registering the driver class? (Hint:Pg no:482)

8) When is executeUpdate() ,executeQuery() and execute() used?

or

Compare executeUpdate(),executeQuery() and execute()?

9) Discuss the purpose of createStatement() ?

10) Define connection, Statement and ResultSet ?(Hint : Section:5.4.2)

11) Discuss any five types of SQLException ? (with diagram)

12) Explain the use of prepared statement with example?

13) Define rowset and ResultSet?

14) How can performance of a program be improved by batch processing?

15) The first version of jdbc api released on which day

16) The latest version of jdbc api

**XML Questions**

1) Explain structure of an xml document with example? (pg.no 282)

2) Define DTD (pg.no 300)

3) Discuss DTD to specify document structure

4) Compare xml schema vs DTD. (pg.no 301 3rd paragraph)

5) Discuss the mechanism for identifying DTD.section (3.4.1)

6) Define Parser (pg.no 286)

7) Discuss the two kinds of parser java library provide.

8) Explain DOM Parser with example (pg.no 287)

9) Define Document Object (pg.no 288)

10) Discuss DOM Tree with diagram (pg.no 290)

11) Discuss the rules for element content. (pg.no 304)

Or

What does the rules specify and discuss the rules for element content.

12) Define XML Schema

13) Define Xpath

14) Compare Tree based paraser VS Stream based parser

14) comparision between DOM parser vs SAX parser

15) Using Namespace

16) Treebased parser vs Streaming parser

17) Define namespace

18) Define SAX , STAX, XSLT, DTD, SCHEMA

19) Define STAX

20) Which parser comes under the streaming parser category

21) When you should use a streaming parser? (pg.no 340)

22) Compare SAX with STAX

23) Difference between XML and HTML.

24)Explain types of parsers.

**RMI Questions**

1) Define Locate Remote Object

2) Define Server with referance to rmi

3) Define Client with referance to rmi

4) Discuss the objective of distributed object application

5) Discuss about the rmi distributed application with the help of the diagram

or

Discuss the process of rmi distributed application with the diagram

6) Define Remote interface, Objects and Methods

7) Define Stub and Skelaton

8) Discuss the steps for creating distributed application using rmi

**Internationalization**

1) Locales made up of how many components. Discuss all components.

2) While formatiing data and time , which are the four issues locale-dependent issues to be considered?

3) Define Collation and Normalization

4) Define Message Formatting

5) Define , resource , property file , resource bundle