**Introduction**

1. Write the features of Oracle 10g.
2. Write the grid-infrastructure products of the Oracle10g release.
3. How Oracle reduce the cost?
4. Write different type of unstructured data.
5. Oracle application server 10g
6. Work of Relational and object Relational Database Management system.
7. What is Software provisioning?
8. Describe System Development Life Cycle.
9. Definition of a Relational Database.
10. What is Data Models and Purpose of Models?
11. What is ER-Modeling?
12. Benefits of ER Modeling.
13. Write the Relational Database Properties.

**Retrieving Data using**

**The SQL SELECT Statement**

1. Capabilities of SQL SELECT Statements.
2. Write the guidelines of SQL statements.
3. Write the Rules of Precedence.
4. What is Null value?
5. Defining a Column Alias.
6. Define Literal Character Strings.

**Restricting and Sorting data**

1. Define Character Strings and Dates.
2. Uses the LIKE Condition, NULL condition, Logical conditions , AND Operator, Or Operator, Not Operator.
3. Rules of Precedence.
4. Write Default Ordering of Data.
5. Write the uses of Substitution Variables.
6. Write the uses of & & Substitution Variables.

**Using Single-Row Functions to**

**Customize Output**

1. What is Oracle Function write the features.
2. Define single row functions.
3. Features of single row function.
4. Define general functions.
5. Define Case-manipulation functions.
6. How we works with Dates.
7. Using mod functions.
8. Write the roll of Arithmetic with Dates,
9. Which things Oracle support ? what is implicit and explicit?
10. What is Data conversion?
11. Uses of the TO\_CHAR function with Dates.
12. What is RR Format?
13. Describe general Functions.
14. Using the NVL2Function.
15. Using the COALESCE function.
16. Using the Case Expression.

Reporting Aggregated Data

Using the Group Functions

1. What are group functions ?
2. Type of Group functions ?
3. Guidelines of Group by Clause?
4. Using the Group by Clause?
5. Illegal Queries using Group Functions.
6. Restricting Group Results with the HAVING Clause.

Displaying Data From

Multiple Tables

1. Write the Types of Joins.
2. Write the rule of Creating Natural Joins.
3. Creating Joins with the USING Clause.
4. Define Qualifying Ambiguous Column Names.
5. Guidelines of using Table Aliases.
6. Rolls of Creating Joins with the ON Clause.
7. Retrieving Records with Nonequijoins.
8. What is outer join?
9. Difference between inner and outer join.
10. Define Cartesian Products.

Using Sub queries to Solve Queries