Chapter 6-Subqueries

1. What is a subquery? When might a user want to incorporate a sub query into a database select statement?
2. Write about single row subquery and multiple row subquery(With example).
3. If subquery returns no rows, what situation is raised for the select statement?

Chapter 7-Producing Readable Output with iSQL\* plus

1. Name the area in a SELECT statement where the substitution variable can implement.
2. How are variables defined within the SQL\* Plus session to be used by SELECT statements? How can the user change a value set for a defined variable?
3. What is the purpose of using double ampersand (&&) into a SELECT statement? Write the difference between single ampersand (&) and double ampersand (&&).
4. Read and implement different types of iSQL\* plus environmental variable.

Chapter 8-Manipulating Data

1. What is meant by data manipulation language? And what is meant transaction? How can you control DML Transactions?
2. How can you copying rows from another table? Write the syntax.
3. What is MERGE statement write the syntax? What is the purpose of using MERGE statement?
4. What are Locks? How the oracle Database Locks Data?

Chapter 9-Creating and Managing Tables

1. Write the naming rules of table name and column name.
2. Write about USERS\_, ALL\_, DBA\_, and V$.
3. Write about the Data dictionary views as: USER\_TABLES, USER\_OBJECTS and USER\_CATALOG
4. What are datetime data types? Write different types of datetime datatypes.
5. What is GMT and what is meant by UTC?
6. What are TIMESTAMP WITH TIME ZONE and TIMESTAMT WITH LOCAL TIMEZONE? What is difference between them?
7. How can we add a column to an existing table? What is the position for the new column?
8. Why we set unused for a column? How can we set?
9. What is TRUNCATING a table? Write difference between TRUNCATE and DELETE table?

Chapter 10-Including Constraint

1. What are constraints? Write the name of the constraints?
2. Write the guide line of the constraints?
3. How can we define constraint in the table?
4. How can we enable and disable a constraint?
5. What is CASCADING constraint?

Chapter 11-Creating View

1. What is view and why we use view?
2. Write the guidelines to create a view?
3. What is simple view and what is complex view?
4. Write the rules of performing DML operations on a view?
5. Why we use WITH CHECK OPTION clause to create a view?
6. Why we use WITH READ ONLY clause to create a view?
7. What is inline view? What is Top-N-Analysis? Write the example of Top-N-Analysis.

Chapter 12-Other Database Objects

1. What is a sequence? Write the syntax of creating a sequence.
2. What is an index? When to create an index and when not?
3. What is synonym and what is the purpose to creating synonyms?

Chapter 13-Controlling user Access

1. What are the system securities and object securities?
2. What is ROLE? Why we create ROLE?
3. Write about database link.
4. Write about different types of system privileges and object privileges

Chapter 15-Using SET Operators

1. What is UNION, UNION ALL, INTERSECT, MINUS.
2. What is the difference between UNION and UNION ALL?
3. Write the set operator guideline.

Chapter 16-Oracle 9i Date Time Functions

1. What are GMT and UTC? What is meant by Daylight saving time?
2. What is the use of TZ\_OFFSET? What is the purpose of use EXTRACT?
3. How can we alter TIME\_ZONE and CURRENT\_TIMESTAMP, LOCALTIMESTAMP? What are DBTIMEZONE and SESSIONTIMEZONE?

Chapter 17-Enhancements to the GROUP BY clause

1. What is the purpose of using ROLLUP and CUBE operators with GROUP BY clause? Write the example of GROUP BY clause with ROLLUP and CUBE operator.
2. What is meant by concatenated grouping?

Chapter 18-Advanced Subquery

1. What is sub-query? What is multiple-column sub-query? What is meant by pairwise and non-pairwise subquery? Give an example.
2. What is correlated subquery? Give an example.
3. What is the purpose of using EXISTS operator with subqury?

Chapter 19-Hierarchical Retrieval

1. What is hierarchical query? Why we use it? Give an example of hierarchical query.
2. Write about START WITH, CONNECT PRIOR clause. How can we prune the tree?

Chapter 20-Oracle 9i Extension to DML and DDL Statements

1. Write about unconditional INSERT, conditional ALL INSERT, conditional FIRST INSERT, pivoting INSERT with example.
2. What is meant by external table? How can we query the data from external table? What is the difference between external table and regular tables?