

BCA 6th Semester Question Bank

Oracle 8i (602)

Unit-1

1. What is RDBMS? What are its main components? Explain.
2. What is the role of DBA?
3. What are database queries? What is SQL plus in oracle? Categorize queries.
4. What is a data type? Describe data types available in oracle.
5. What is a foreign key? Why it is used? Create two tables in an oracle database that are connected with each other through foreign key-primary key relationship.
6. Define super key, primary key and candidate key.
7. What is client server model?

Unit-2

1. Create a table in oracle database for an employee to maintain information: Employee ID (Primary Key), Name, Address, Contact No, Salary (not null).
2. What are integrity constraints? What are column level and table level constraints? Explain with example.
3. What is alter table command? Explain with example.
4. What type of logical operators is used in SQL queries?
5. Create a table named student with attributes (roll no, name, marks). Now create a Select query to find student record that has marks greater than 100.
6. How data in a table is updated? Explain in detail with example.
7. Define following:
 - i. Select Query with where clause
 - ii. In and Not in
 - iii. Between clause
8. What is pattern matching? What wild card characters are used in pattern matching?
9. What is group by and having clause? Explain with example.
10. What is range searching? Give an example.
11. Define any five aggregate oracle functions.

Unit-3

1. What is join? Explain with its types.
2. What is self join and equi-join? Explain with example.
3. Explain select...into with example.
4. What is subquery? What are union, intersect and minus operator? Give suitable example.
5. How permissions on tables are granted? Also describe how to update the permissions.
6. What is revoking permissions? Explain.
7. What are indexes? How they are created?
8. What is a view? How it is created?
9. How views are updated? Explain with example.

Unit-4

1. What are the flow control structures available in PL/SQL?
2. How constants, variables and data types are used in PL/SQL? Explain with example.
3. How database values are assigned to a variable? Give example.
4. What is a cursor? How it is created? Define implicit and explicit cursor.
5. How goto statement are used in PL/SQL
6. What are the looping statements available in PL/SQL?
7. Define Exception handling in PL/SQL.
8. What are oracle transactions?
9. What is lock? Also define implicit and explicit locking.

Unit-5

1. What are the triggers? Explain how to apply database triggers.
2. Create a procedure to find a name in a column of a table.
3. Define oracle backup and recovery mechanism.
4. What are the types of triggers? Explain.
5. What are the procedures in oracle? Explain with its syntax.