**UNIT-1**

**Paper - 2013**

1. Explain Create , Alter , Drop , Delete commands giving example.
2. What is Virtual table ? State its purpose . Give an example of its syntax.
3. Explain Different SQL Constraints
4. Discuss SQL Data Types.
5. Discuss Special Operators Like, Between, Exists, In with example
6. What is Aliases? How are they used in queries.
7. Discuss the Order by and Group by.
8. Discuss the functions Count, Max, Sum, Avg.

**Paper - 2014**

1. Explain Insert, Update, Delete command with example.
2. Write Short note on Aggregate functions.
3. Explain And, Or, Not operators with example.
4. What is View? Explain how we can create and drop a view with example.
5. Explain Distinct command with example.

**Paper - 2015**

1. Explain Logical Operators with example.
2. Explain Special operators.
3. How can you Add and Drop column in SQL query.
4. Discuss the lower, Trim and concat.
5. Example Update and Select command with example.
6. Discuss the function To\_NUMBER, ROUND and LENGTH.

**Paper – 2016**

1. Explain the use of view.
2. Explain alter command with different modifiers.
3. List data manipulation commands.

**Paper – 2017**

1. Difference between DDL and DML.
2. Explain the significance of table level constraints with example.

**Paper – 2018**

1. List out DML commands and explain it.
2. How to change a column’s datatype in oracle? Explain with example.

**Paper – 2019**

1. How can you Add and Drop the column in existing table using sql query> Explain With example.

**UNIT-2**

**Paper – 2019**

1. Explain Binary lock and Shared lock in detail.
2. Write short note on transaction properties.
3. Write short note on Lock Granularity.
4. Write short note on WAIT/DIE and WOUND/WAIT concurrency control scheme.

**UNIT-3**

**Paper – 2013**

1. What is DDBMS ? State its advantages and disadvantages and also Characteristics.

* Advantages:
* No more Bottle neck
* Faster data access
* Faster data processing
* Easily expandable
* More reliable
* Less communication cost
* Disadvantages:
* Complexity of management and control
* Technological difficulty
* Security
* Increased storage and infrastructure requirement
* Increased training cost

1. Differentiate Distributed Database and Distributed processing.
2. Discuss MPSD, SPSD and MPMD.
3. Explain components of DDBMS.
4. What is Distribution transparency? Explain its types.
5. Explain two phase commit protocol.
6. Describe different types of database requests and transections.
7. Discuss Query optimisation.

**Paper – 2014**

1. Explain all levels of Data and process distribution in detail.

**Paper – 2016**

1. Explain Distributed Database Transparency Features.

**Paper – 2017**

1. Explain Distributed concurrency control.
2. What do you understand by Remote transaction.
3. Explain Static and Dynamic Query optimization.
4. Differentiate MPMD and MPSD.

**Paper – 2017**

1. Write short note on Evolution of DDBMS.

**UNIT-4**

**Paper – 2013**

1. Explain DATE & TIME functions.
2. What is cross join? Give the example of its syntax.
3. Discuss Outer joins. And its types.
4. What is Oracle sequence? Write its syntax.
5. What is Subquery and list its basic characteristics? Discuss WHERE, IN and FROM subquery.
6. Discuss the function To\_NUMBER, ABS and LENGTH.

**Paper – 2014**

1. Write example of Creating and Dropping sequence.
2. Explain SYSDATA ,ROUND and UPPER function with example.
3. Define join. List types of join and explain inner join in detail.
4. Explain string function with example.
5. Discuss multirow subquery with example.
6. Explain use of ‘join using clause’ and ‘join on clause’.
7. Difference between Union and Union all.

**Paper – 2015**

1. Explain conversation function in DBMS.
2. Discuss Natural join with example.
3. Explain intersect with example.

**Paper – 2016**

1. Explain CREATE , INSERT and DROP command of sequence.
2. Explain different types of joins with example.
3. Explain Substring, Lower, Ceil, Add\_months, SUBSTR functions.

**Paper – 2017**

1. Explain INTERSECT and MINUS relation set operators.
2. Difference between subquery and correlated subquery giving an example.

**Paper – 2018**

1. Explain TO\_CHAR and TO\_DATE function in ORACLE. With example.
2. Explain correlated subquery with example.