

QUESTION BANK

Subject: Database Management System

Class: AIML & Data Science

Subject Teacher: Dr. Rupali Kalekar

Module 1:

Comparison between different databases, RDBMS and SQL

1. Advantages and Disadvantages of different Database Management systems.
2. Compare between Centralized database Vs. Distributed database
3. Explain Relations in SQL with appropriate example.
4. What is Tuple? Explain types of tuples.
5. Differentiate between Primary Keys Vs. Candidate Key.
6. Elaborate categories of SQL Commands with appropriate commands.
7. What is function? Explain aggregate functions with its syntax.
8. What is function? Explain scalar functions with its syntax.
9. Write Short Note on:
 - a. Integrity Constraint
 - b. The rules of referential integrity
 - c. SQL functions

- d. Date and Time Functions
- e. Conversion functions
- f. Embedded SQL

Module2:
Normalization and Query Optimization

1. What is Functional dependency? Explain its types.
2. What is anomaly? Describe types of anomalies in detail.
3. What is Normalization? Describe its advantage and disadvantages.
4. Any example on NF.