School of Engineering
Subject Name: Data Base Management System
Subject Code: MR20-1CS0302
Question Bank

Unit-I

1	What is Data Model? List out various Data Model and explain with suitable example.
2	Describe the Structure of Database Management system with a neat diagram.
3	Differentiate between File System and Database Management System.
4	What is meant by Data Abstraction? Describe various levels of Data Abstraction.
5	Define Data Independence. Describe Physical Data Independence and Logical Data Independence with a neat diagram.

Unit-II

1	What is Relational Model? List out various Relational Integrity Constraints with examples.
2	List out the types of keys and explain them with examples.
3	Construct an Entity Relationship diagram for a University Database. Assume your own entities (Minimum of 5 entities), attributes and relations.
4	What is Relational Algebra? List out various types of Relational operations and explain with an example.
5	What is Relational Calculus? Describe types of Relational Calculus with suitable example.

Unit-III

1	Explain Create, Insert, Delete, Select commands with examples.
2	Identify and list various Data definition Language (DDL) commands. Create a table by specifying 5 attributes and insert 5 records.
3	Identify and list various Data Manipulation Language (DML) commands. Explain DML commands with suitable example.