

**PARUL UNIVERSITY – PARUL INSTITUTE OF
TECHNOLOGY
COMPUTER SCIENCE AND ENGINEERING DEPARTMENT
Subject: Database Management System (303105203)**

Assignment 1

Last date to submit: ____ July 2023

1. Define DBMS and its Applications.
2. What is FPS? What are the advantages of DBMS over FPS?
3. What is metadata with example?
4. Describe Database System Architecture with the diagram.
5. What is Data Abstraction? Explain levels of Data Abstraction with diagram.
6. Define SQL. List out SQL Commands.
7. What is E-R model?
8. What is an entity?
9. What is Relation in the E-R model.
10. What is DDL? What are the examples of DDL statements?
11. Explain relational operator with example?
12. What is a data model? List out the types of data models generally used.
13. Explain Logical Operator with a suitable example.
14. Explain the term predicates with IN, NOT, Where, Between clauses with examples.