

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

Assignment 2

Last date to submit: ____ July 2023

1. Define the terms a) Data Model b) ER Diagram
2. Define the terms a) Entity b) Attributes c) Relationship set d) Entity Set
3. What are the different types of attributes? Explain in each details?
4. Define the terms degree of relationship? Explain the different types of it?
5. Explain weak entity set with neat sketch diagram?
6. Explain the terms Generalization & Specialization with neat sketch diagram?
7. Explain disjoint constraints in generalization & specialization with neat sketch diagram?
8. Define the terms aggregation with neat sketch diagram?
9. Define the terms integrity constraints? What are the different types of it?
10. Explain Relational Model concept with a suitable example.
11. Define the terms key? What are the types of it?
12. Difference between super key & candidate key with example?
13. Explain not null constraints with example?
14. Explain Aggregate function using group by & having clause with example?
15. Why Select Operation is used? Which symbol is used as a select operation notation? Explain with a suitable example.
16. Enlist Set Operations and explain with suitable example.
17. Give classification of Join Operations.
18. Explain Full Join with a suitable example.