This document is a part of Main Course File	Document No.: CFM – 8

SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED

N. G. PATEL POLYTECHNIC

INFORMATION TECHNOLOGY

FORMAT FOR ASSIGNMENTS

Course Name (With Code): DATABASE MANAGEMENT SYSTEM(4331603)

Semester / Year: Second/Third

Assignment Number: 1

Assignment CO Number: 4331603.b

Sr. No.	Questions related to Course Outcomes
Part – A	**Questions carrying 3 Marks**
1	Define the Following Terms :a).Relationship set b).Participation c).Candidate key
2	Consider a following relational schema & give Relational Algebra Expressions for the following queries. Student (Enrollment_No,Name,DOB,SPI) i. List out all students whose SPI is greater than 7.0. ii. List name of student whose enrollment number is 007
3	Define Following Terms. 1.Entity 2. Attributes 3. Relationship
Part – B	**Questions carrying 4 Marks**
1	Explain Generalization with example.
2	Describe Weak Entity Sets with example
3	Explain Mapping cardinalities.
Part – C	**Questions carrying 7 Marks**
1	Define E-R diagram? Explain different symbols used in E-R diagram with example.
2	Define attribute? Explain different types of attributes with example.
3	Explain different Relational Algebra operation with example
Prepared By: B.G.PATEL	**Signature of Head of Department**