	SARDAR VALLABHBHAI PATEL EDUCATION SOCIETY MANAGED
	# N. G. PATEL POLYTECHNIC
	## INFORMATION TECHNOLOGY

FORMAT FOR ASSIGNMENTS	

Course Name (With Code):DATABASE MANAGMENT (4331603)

Semester / Year: Third/Second

Assignment Number: 3

Assignment CO Number: 4331603.c

Sr. No.	Questions related to Course Outcomes
Part – A	**Questions carrying 3 Marks**
1	Explain Data Manipulation Language (DML) with examples.
2	Explain Data Definition Language (DDL) with examples.
3	What is the difference between GRANT and REVOKE in SQL?
4	List out and explain any four built-in data types in Oracle.
5	What is a constraint? List and explain the different types of constraints supported by Oracle.
6	Explain NOT NULL and UNIQUE constraints with suitable examples.
Part – B	**Questions carrying 4 Marks**
1	Differentiate between CHARACTER and VARCHAR2 data types in SQL.
2	Explain the commands DROP, TRUNCATE, and DELETE with examples.
3	What is a sub-query? How can it be used to retrieve information from multiple tables? Explain with an example.
4	Write short notes on SQL joins (CROSS JOIN, INNER JOIN, SELF JOIN, and OUTER JOIN) with examples.
6	Short note: triggers and Joins.
Part – C	**Questions carrying 7 Marks**
1	Explain the clauses ORDER BY, GROUP BY, and HAVING in SQL with examples.
2	Using the following table 'ACCOUNT', write SQL queries for the following tasks: ACCOUNT Table: acc_no | balance | br_name 01 | 5000 | ABAD 02 | 6000 | SNGR 03 | 7000 | ANAND 04 | 8000 | KSAD 05 | 6000 | ABAD a) Write a query to create the ACCOUNT table with fields: acc_no, balance, and br_name. b) Display account numbers and balances for each account. c) Display all accounts that belong to the 'ABAD' branch. d) Display account numbers with a balance greater than 6000. e) Display branch names and the total balance for each branch having a total balance greater than 12000.

Prepared By: Mr. Y.U.PRAJAPATI	**Signature of I/c Head of Department**