

## MCA I Year II Semester Subject Code: 24MCA2010 DBMS LAB

Contact Hours	Experiment No.	Topic Description	Teaching Methodology	Remarks
1–4	1	Execute DDL, DML, DCL Commands; Group and Single Row Functions	Lab Practice	
5–8	2	Create Tables with Constraints; Violation Message Testing	Lab Practice	
9–12	3	Different Types of Joins; Execute DCL & TCL Commands	Lab Practice	
13–16	4	PL/SQL Block to Accept Number & Identify Odd/Even; Subqueries and Nested Queries	Lab Practice	
17–20	5	Group By, Having, WITH Clauses; ALIAS, Sequence By, Order By; Control Structure Usage	Lab Practice	
21–24	6	PL/SQL Block for Addition of Two Numbers; IF, IF-ELSE Conditions	Lab Practice	
25–28	7	PL/SQL Block for Loops; Greatest of Three Numbers using IF-ELSE-IF	Lab Practice	
29–32	8	Exception Handling – Divide by Zero; Raise User Defined and Built-in Exceptions	Lab Practice	
33–36	9	Cursors for Salary Update and Record Count; Triggers to Store Deleted Records in Employee History Table	Lab Practice	
37–40	10	Procedures – GCD and Display Employee Records in Format	Lab Practice	
41–44	11	PL/SQL Function to Return Maximum of Two Numbers	Lab Practice	
45–48	12	PL/SQL Function to Compute Factorial	Lab Practice	