



# ADITYA DEGREE COLLEGES

♦ ANDHRA PRADESH ♦

IV SEMESTER – MID-I EXAMINATIONS

II B.COM

DBMS WITH ORACLE

Max. Marks: 60 M

Date: -01-2025

Time: 3 Hours

## SECTION - A

I. Answer any Five questions:

5 x 4 = 20 M

1. Explain database system architecture
2. Explain DDL commands with example
3. State the differences between File based system and DBMS
4. Explain types of keys in DBMS
5. Write about cardinality constraints
6. Write about the symbols used in an Entity relationship diagram
7. What are the costs and risks of Database approach?
8. What is Data Redundancy and Data Anomaly ?

## SECTION – B

II. Answer all the questions:

4 X 10 = 40 M

9. a) Explain Data models

OR

b) Explain Three Schema architecture

10. a) Write about File based system

OR

b) Explain Codd's rules

11. a) Explain DBMS commands

OR

b) Explain Relational algebra in detail

12. a) Explain Normal forms in DBMS

OR

b) Write about Relational calculus