



ADITYA DEGREE COLLEGE

ANDHRA UNIVERSITY, AP

MID-I EXAMINATION

II B.Sc. COMPUTER SCIENCE (MAJOR)

DATA BASE MANAGEMENT SYSTEM (DBMS)

Max Marks: 60M

DATE: 05-2-2025

Time: 3 HOURS

SECTION - A

I. ANSWER ANY FIVE OF THE FOLLOWING QUESTIONS

5 x 4 = 20 M

1. Explain the difference between data and informations.
2. Explain the characteristic and advantages of DBMS
3. Explain about ISA Relationship.
4. Explain about EER Model.
5. Explain the application of DBMS.
6. Explain the components of DBMS.
7. Explain Multiple inheritance in DBMS.
8. Explain the cost and Risk of DBMS.

SECTION - B

II. ANSWER THE FOLLOWING QUESTIONS

4 X 10 = 40 M

9. a. What is DBMS? Explain the difference between file base system and data base system.
(OR)

b. Explain about three schema Database Archicture.

10. a. Explain the classification of DBMS.

(OR)

b. Explain various Data Models in DBMS.

11. a. Explain Generalization and specialization and constraints on them.

(OR)

b. Explain about ER Model.

12. a. Explain about entity sets and attribute sets.

(OR)

b. Explain Reducing ER Diagram to tables.