



ADITYA DEGREE COLLEGES: AU REGION

IV SEMESTER - MID - I - EXAMINATIONS

Date:08-02-2025

Course:II BSC

Max. Marks: 60 M

Time: 3 hrs

Subject: Database Management system (CS Minor)

SECTION - A

Answer any five from the following questions

5 x 4 =20 M

1. Write about components of database management system.
2. Define data and information and write differences between them.
3. What is file based system? Explain its drawbacks.
4. Write about classification of attributes.
5. Write about constraints on specialization and generalization.
6. Define database, Database management system & Write database elements.
7. Write about is a relationship and attribute inheritance.
8. Define tuple, domain, cardinality and degree.

SECTION - B

Answer all questions from the following.

4 x 10 = 40M

9. a) Explain classification of database management system.

(OR)

- b) Explain three schema architecture of database.

10. a) Explain in detail Enhanced entity relationship model.

(OR)

- b) Explain how to reduce ER diagrams to tables.

11. a) Write in detail about various data models.

(OR)

- b) Explain in detail Entity relationship model.

12. a) Explain objectives of DBMS & Write its disadvantages.

(OR)

- b) Write building blocks of ER diagram. Explain relationship degree & its types with neat diagrams.