



ADITYA DEGREE COLLEGE

ANDHRA UNIVERSITY, AP

MID-I EXAMINATION

IV SEM, BSC-DATA SCIENCE

INTRODUCTION TO SQL AND ADVANCED TABLEAU

DATE: 7-2-2025

Max Marks: 60M

Time: 3 HOURS

SECTION – A

ANSWER ANY FIVE FROM THE FOLLOWING

5X4=20M

1. Draw an ER-Diagram for the following entities and identify the relationships.

Employee: Eid,ename, Sal, doj, dob,phno,address,Dno

Department :D no, d name, location .

2. Explain different keys in DBMS.

3. Give the syntax and example of Alter command.

4. Write the classification of SQL commands.

5. Write about views in DBMS.

6. Explain about aggregate functions.

7. Write the advantages and disadvantages of views.

8. What do you mean by co-related queries give some example.

SECTION – B

ANSWER ALL THE QUESTIONS

4 X10=40M

9. a) Explain relationship classification in detail.

(OR)

b) Describe the building blocks of entity relationship Diagram.

10.a) Explain about SQL joins in detail with example.

(OR)

b) Write about SQL key constraints in detail.

11. a) Explain the entity classification in detail.

(OR)

b) Write about DML commands in detail.

12. a) Write DDL commands with syntaxes and examples

(OR)

b) Explain relation set operators in detail.