



# KAKINADA SRI ADITYA DEGREE COLLEGE

(AFFILIATED TO DR.B.R.AMBEDKAR UNIVERSITY)

B.SC(CHEM & DS) IV- SEMESTER,-MID-1 EXAMINATIONS FEB -2025

DATE: 13.02.2025

Time: 3 Hrs

SUBJECT: DBMS (MINOR)

Max Marks:50M

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## I. Answer all of the following:

3 X 10 M= 30M

1. a) Explain about the components of DBMS?

Or

b) Describe the advantages and disadvantages of DBMS?

2. a) Explain the EER model in detail?

Or

b) Define Relationship? Explain its types?

3a) Describe the Relational set operators in detail?

Or

b) Write briefly about E.F. Codd Rules?

## II. Answer FOUR of the following:

4 X 5 M= 20M

4. What is Relationship? Describe the degree of relationships?

5. Describe the concept of Keys ?

6. Explain the advantages of relational algebra?

7. Difference between File System and DBMS?

8. Describe briefly about three schema Architecture of Database?

9. What is an Attribute? Explain the types of attribute?