



**ADITYA DEGREE COLLEGE**  
**ANDHRA PRADESH**

**II YEAR B.Sc IV-SEMESTER - MID 1 EXAMINATIONS**  
**DATA BASE MANAGEMENT SYSTEM (Cs Major)**

**Date:**

**Max Marks:60M**

**SECTION - A**

**I Answer the FIVE of the following Questions** **5 x 4 = 20M**

1. Describe the difference between Data and Information.
2. Differences between file processing systems and DBMS.
3. Define a data model, what are building blocks of Data Models.
4. What are the objectives of Database Management System.
5. What is ER-Model ? Explain Building blocks ?
6. Define Attribute ? Explain types of attributes ?
7. Define Relationship ? Explain degree of relationships ?
8. Explain steps to convert ER Model to Relational Model.

**SECTION - B**

**II Answer the following Questions** **4 x 10 = 40M**

9. a) What is file processing system. What are drawbacks (or) limitation of File processing System.  
(Or)  
b) Write about classification of DBMS.
10. a) Define DBMS. Explain components of DBMS.  
(Or)  
b) Define a data model. What are types of data models.
11. a) Explain about ER-Model.  
(Or)  
b) Explain about EERM.
12. a) What are advantages of ER Model.  
(Or)  
b) Explain about constraints on specialization & generalization.