

Dr. V. S. Krishna Govt. Degree College (A)
II B.Sc., Computer Science
Semester-III Paper-III (Model Paper)
Subject: Database Management Systems

Paper: C3

Time: 3 hrs.

Marks: 60 M

Section – A

I. Answer any FIVE questions

(5x4=20)

1. Define DBMS and give short notes on components of DBMS
2. Write about the advantages of DBMS
3. What is data Independence?
4. Discuss about different types of attributes in ER Model
5. What is weak entity set and how it is represented in ER diagram
6. Write short notes on GROUP BY, ORDER BY statements in sql
7. Explain briefly about aggregate functions in SQL
8. What is the need for data dictionary?

Section – B

II. Answer the following questions

(5x8=40)

9. Explain different DATA Models

OR

Discuss in detail about three schema architecture of data base with neat diagram

10. Explain ER Model in detail?. Give an example?

OR

Explain EER model in detail

11. Discuss 1NF, 2NF, 3NF with examples.

OR

Explain about Relational algebra..

12. Explain DDL and DML statements in SQL

OR

Write about Data Types in SQL.

13. Discuss the structure of PL/SQL program with an example

OR

What is Trigger? Explain various types of triggers.