

5057/2

FACULTY OF COMMERCE AND BUSINESS MANAGEMENT

B.Com. (Computers) III-Semester Examination

Paper – III

(New)

RELATIONAL DATABASE MANAGEMENT SYSTEMS

Time: 3 Hours]

[Max. Marks: 50

Section – A (Marks: 5 x 3 = 15)

1. Answer any **FIVE** questions.
 - a) What is Data Dictionary?
 - b) What is Primary Key?
 - c) Database Integrity.
 - d) Hashed File Organization.
 - e) List out TCL commands.
 - f) What is Nested Query?
 - g) What is transaction?
 - h) What is OLAP?

Section – B (Marks: 5 x 7 = 35)

Answer All questions

2. a) Discuss the advantages of DBMS over file based system.
Or
b) Explain different data models.
 3. a) What is Normalization? Explain 1NF, 2NF and 3NF with examples.
Or
b) Explain different types of attribute preservation with examples.
 4. a) Explain the different data types used in SQL with examples.
Or
b) What do you mean by SQL Join? Explain different types of Joins with example.
 5. a) What is Deadlock? Explain its prevention techniques.
Or
b) Explain database integrity.
 6. a) Explain advantages and disadvantages of DDBMS.
Or
b) What are the contents of Multimedia Database? Explain.
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