

**Faculty of Commerce****B.Com. III-Year, CBCS – VI Semester Backlog Examinations, Dec/Jan 2019-20****(For B.Com Computers & Computer Applications)****PAPER: RELATIONAL DATABASE MANAGEMENT SYSTEMS**

Time: 3 Hours

Max Marks: 50

**Section-A**

I. Answer any FIVE of the following questions (5x4=20 Marks)

1. File based management system
2. BCNF
3. Order by Clause
4. Two Phase Locking
5. Client Server Database
6. Foreign Key
7. E R diagram
8. Inverted file organization.

**Section-B**

II. Answer the following questions (5x6=30 Marks)

9. (a) Describe the three level architecture of DBMS  
(OR)  
(b) Explain Relational and E R models.
10. (a) State the Redundancy and Associate problem in Relational Database integrity.  
(OR)  
(b) Write about File organization and its types.
11. (a) What is SQL and write SQL commands.  
(OR)  
(b) Differentiate between DDL and DML
12. (a) Explain the features of Serialisable Schedule  
(OR)  
(b) What is Transactions? State the Transaction Properties.
13. (a) Write the advantages of DDBMS  
(OR)  
(b) Differentiate between Data Replication and Data Fragmentation.

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