

11 APR 2019

**B.B.A SEM-IV**

**April-2019**

**Subject :Introduction to Database Management System(CC-406)**

**Paper Code : 20912**

**Time:02:30 Hours**

**Marks: 70**

- Q-1 A. Define DBMS. Explain advantages and disadvantages of DBMS 07  
B. Explain : Data, Information, Database, RDBMS, Entity, Attribute, Relationship 07
- OR**
- Q-1 A. Explain advantages of RDBMS 07  
B. Explain E-R diagram with example 07
- Q-2 A. What is data model? Explain relational data model 07  
B. Explain hierarchical data model with example. 07
- OR**
- Q-2 A. Define normalization. Explain first and second normal form with example 07  
B. Explain network data model in detail. How it differ from hierarchical data model? 07
- Q-3 A. Explain delete and update statement with example 07  
B. What is query? Explain types of queries in SQL. 07
- OR**
- Q-3 A. List all SQL commands. Explain insert and select command with example 07  
B. How can we create database? Explain create table command in detail 07
- Q-4 A. Write a note on data security 07  
B. What is data concurrency? Explain in detail 07
- OR**
- Q-4 A. What is data recovery? What are the ways to recover the data 07  
B. What is data integrity? Explain types of data integrity 07
- Q-5 A. What is table? Explain steps to crate table in MS Access 07  
B. What form ? Explain steps to create form in MS Access 07
- OR**
- Q-5 A. Explain query in MS Access 07  
B. What report ? Explain steps to create report in MS Access 07