

MAY 2013

Roll No.

Total No. of Pages : 02

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BBA (Sem.-4th)

**INTRODUCTION TO DATABASE
MANAGEMENT SYSTEMS**

Subject Code : BB-406 (2007 to 2011 Batch)

Paper ID : [C0223]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

- SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
- SECTION-B contains SIX questions carrying TEN marks each and students has to attempt any FOUR questions.

SECTION-A**I. Answer briefly :**

- Define DBMS.
- Define Metadata.
- Expand the terms
 - DML
 - DDL
- Differentiate between DBMS and RDBMS.
- Define Normalization.
- Differentiate between Primary Key and Unique Key.
- Write a query to create a table of employees in SQL.
- Explain the benefit for creating a view with taking a suitable example.
- Write a SQL query which DBA uses to save the changes made in database.
- List the commands that are a part of DML.

SECTION-B

- Draw an ER diagram for the library management database.
- Explain network model in detail. How is it different from hierarchical model?
- Explain the process of creating, saving and managing a database in MS-Access.
- What do you understand by concurrency control? Explain any three techniques to achieve concurrency control.
- Explain the concept of shadow paging and log-based recovery in recovery system with help of a suitable example.
- Explain the role of DBA in management of database.

