**BTAMO5**

**Fifth Semester B. Tech Automobile Engineering**

**Examination Aug/Sep-2015**

**Database Management Systems**

**Time:-3Hours Max. Marks: - 75**

**SECTION-A**

**Answer any five questions. (5\*5)**

1. Comment on Database backup and Recovery from Catastrophic Failures.
2. What is Network Model?
3. Briefly write about Triggers.
4. Give a brief introduction to SQL, DDL and DML.
5. What is the Object Identity?
6. Briefly write about the typical functionality of Data Warehouses.
7. What do you understand by Regression?

**SECTION-B**

**Answer any two questions. (10\*2)**

1. Explain the Functional Dependencies. Describe the closure of a set of Functional Dependencies.
2. Enumerate the various levels of Schemas.
3. What do you understand by Join Operation? What methods are used for Implementing Joins?

**SECTION-C**

**Answer any two questions. (15\*2)**

1. Elucidate the concept of Transaction with its Stages.
2. Describe basic Inference Mechanisms for Logic Programs.
3. Elaborate the following :
4. The Object Oriented Data Model
5. Multiple Inheritance
6. Object Identity and Pointers