

S-638

Roll No. ....  
1000 -/6/25/20

**January 2018**

Master of Business Administration (MBA) Examination

(Full Time) (New) Third Semester

**FT 305I : RELATIONAL DATABASE MANAGEMENT SYSTEM USING ORACLE**

[Max Marks 40

[Min Marks 32

Time 3 Hours]

**Note : Attempt any five questions. Each question carries equal marks.**

1. What is Database Management System ? Also discuss in brief the different types of database management systems.
2. Discuss the concept of Normalization its types in brief with the help of suitable examples
3. (a) Describe any five SQL operators and functions with the help of examples and syntax  
(b) Explain the difference between Primary Key and Foreign Key
4. (a) What is Cartesian Product ? How is it represented ? Explain with an example  
(b) What are Data Definition Language Commands ? Explain with examples.
5. What is PL/SQL ? Explain PL/SQL block using variables and SQL statement by giving suitable examples.
6. (a) What is Transaction Management ? What are its ACID properties ? Explain.  
(b) Write a brief note on Data Mining and Data Warehousing.
7. Write short notes on any two of the following :
  - (a) OLAP
  - (b) Codd's Rule for RDBMS
  - (c) Triggers and Cursors.