

**M.B.A. (GEN.) / M.B.A. (HR) Semester - III (2012  
COURSE)(CHOICE BASED CREDIT SYSTEM) / M.B.A. (FM)  
Semester - III (2013 (CHOICE BASED CREDIT SYSTEM) :  
SUMMER - 2019  
SUBJECT: ELECTIVE – II : DATABASE MANAGEMENT (ITM)**

**Day** : Tuesday  
**Date** : 28/05/2019

**Time** : 10.00 AM TO 01.00 PM  
**Max. Marks** : 100

**S-2019-2271**

**N.B.**

- 1) Attempt **ANY FOUR** questions from Section – I and **ANY TWO** questions from Section – II
- 2) Both the sections should be written in the **SAME** answer book.
- 3) Figures to the **RIGHT** indicate **FULL** marks.

**SECTION – I**

- Q.1** What is a database? Explain its advantages over file processing systems. **(15)**
- Q.2** What is a data model? Compare Hierarchical and Network data model in terms of its merits and demerits. **(15)**
- Q.3** What are functional dependencies? Explain its role in normalization. **(15)**
- Q.4** Explain an architecture of Oracle with the help of a diagram. **(15)**
- Q.5** Explain various Numeric functions with examples. **(15)**
- Q.6** Write short notes on : **(15)**  
a) Data Independence  
b) Object Relational Model  
c) Views

**SECTION – II**

- Q.7** Draw an ER diagram for Hostel Management System. **(20)**
- Q.8** Normalize the following data up to 3NF: **(20)**  
Customer No, Customer Name, Customer Address, Customer Category, Category Description, Category Discount, Painting No., Painting Title, Painting Theme, Date of Order, Due Date, Order Status.
- Q.9** a) What are Union, Intersect and Minus operations? Explain with examples. **(10)**  
b) Explain DDL and DML commands with examples. **(10)**

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