

**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 - 2018**

SUBJECT : ELECTIVE – II: DATABASE MANAGEMENT (ITM)

Day : **Monday** Time : **10.00 AM TO 01.00 PM**
Date : **04/06/2018** **S-2018-1894** Max. Marks : 100

N.B.:

- 1) Attempt **ANY FOUR** questions from Section – I and **ANY TWO** questions from Section – II.
- 2) Answers to both the sections should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** What is Database Management System? Explain advantages of DBMS over file processing system. [15]
- Q.2** Define Data Model. Explain Hierarchical and Network data model with its advantages and disadvantages. [15]
- Q.3** Explain an architecture of Oracle in detail. [15]
- Q.4** What is an Entity and Attribute? Explain its different types. [15]
- Q.5** Write short notes on the following: [15]
- a) Aggregation and Specialization
 - b) Referential Integrity Constraints
 - c) Union, Intersect and Minus Clause in SQL

SECTION – II

- Q.6** Draw an Entity Relationship Diagram for an Airline Reservation System. Make necessary assumptions wherever necessary. [20]
- Q.7** What is Normalization? Explain 1NF, 2NF and 3NF with an example. [20]
- Q.8** Write SQL Queries for the following:
- a) Create following tables with proper constraints: [05]
Department (Dno (P.K), Dname, Location)
Employee (Eno (P.K), Ename, Salary, Designation, Dno (F.K).)
 - b) Insert 2 records in each table. [04]
 - c) Display all employees with their Department Name. [03]
 - d) Display all employees who gets salary between 5000 to 10000. [02]
 - e) Display average salary of employees. [03]
 - f) Create view Emp_View with Eno, Ename and Salary columns. [03]

* * * *