

**M.B.A. (IT) SEM- II (2012 COURSE)(CHOICE BASED
CREDIT SYSTEM) : WINTER - 2017
SUBJECT: DATABASE MANAGEMENT-I**

Day: Monday
Date: 13/11/2017

Time 02.00 PM TO 05.00 PM
Max. Marks: 100

W-2017-1846

N.B.

- 1) Attempt **ANY FOUR** questions from Section-I and attempt **ANY TWO** questions from Section-II
- 2) Answer to both the section should be written in **SEPARATE** answer book.
- 3) Figures to the right indicate **FULL** marks

SECTION-I

- Q.1** What is the DBMS? Compare DBMS and file oriented approach. (15)
- Q.2** Write all types of constraints with example. (15)
- Q.3** Illustrate DDL, DCL in detail. (15)
- Q.4** a) Write all types of Joins in DBMS. (07)
b) Discuss Union, Intersection and Minus. (08)
- Q.5** Write short note on **ANY THREE** of the following: (15)
- a) Group by and Having Clauses in SQL
 - b) Data dictionary
 - c) View
 - d) Aggregate functions

SECTION-II

- Q.6** Consider the relation stud (stid, name, year), Course (Cid, Cname), StudCourse(stid, Cid). (20)
A student may take more than one course.
- a) Write a statement to create all the tables.
 - b) Write insert statement for all the tables.
 - c) Display the name of student who has taken admission for "MCA" Course
 - d) Display number of student who has taken admission for "MBA" course.
 - e) Display number of students who has taken admission on 2016.
- Q.7** a) Write PL/SQL block for printing the first 10 terms of Fibonacci series. (10)
b) Write PL/SQL block for accepting the number from user and check whether the number is prime or not. (10)
- Q.8** Consider the university has various colleges affiliated to it. And university offers many courses (under Graduates as well as Post Graduates). The colleges offer variety of courses. Create a Normalized database for Examination department of the university. (20)

* * *