

**Subject : Database Management with Oracle**

Day : Thursday  
Date : 08/12/2016



Time : 10.00 A.M. TO 1.00 P.M.  
Max Marks : 70 Total Pages : 1

---

**N. B. :**

- 1) Attempt **ANY FOUR** questions from Section – I and attempt **ANY TWO** questions from Section - II
  - 2) Answers to both the sections should be written in the **SAME** answer book.
  - 3) Figures to the right indicate **FULL** marks.
  - 4) Assume suitable data, if necessary.
- 

**SECTION - I**

- Q. 1** Define E. F. Codd's 12 rules. **(10)**
- Q. 2** Discuss different types of triggers with example. **(10)**
- Q. 3** Write a PL/SQL block, which will accept number from user and check whether that no is Armstrong or not. **(10)**
- Q. 4** a) Explain 'Exception handling' in oracle. **(05)**  
b) Differentiate between DBMS and RDBMS. **(05)**
- Q. 5** Write short on **ANY TWO** of the following: **(10)**  
a) Group functions  
b) String functions  
c) Arithmetic functions  
d) Views

**SECTION - II**

- Q. 6** Consider the following table structure to write SQL Queries **(15)**  
Member : (Mcode number(6), Mname varchar2 (20), Madd varchar2 (100),  
course varchar2 (20), Admit\_date Date )  
Book : (Bno number (5), Bname, varchar (15), publisher varchar2(30))  
Book\_Issue : (Bno number (5), Mcode number(6), Issue\_date date,  
Return\_date date, fine\_amt number (3))  
a) Write queries to create above tables with appropriate constraints.  
b) Display all books issued in FEB 2015.  
c) Display details of members staying in Mumbai.  
d) Display books published by Tata\_McGrow Hill.  
e) Write a query to add a subject column to the book table.
- Q. 7** Write a PL/SQL block using cursor to print 3<sup>rd</sup>, 6<sup>th</sup> and 8<sup>th</sup> record of employee table. Consider employee table with following structure: **(15)**  
EMP (Employeeno number(4), Ename varchar2 (30), Deptno number(2),  
Salary number (10, 2), joiningdate date)
- Q. 8** Write PL/SQL block to increment the salary of all employees working in department no. 10 (consider EMP table structure from Q, No. 7) **(15)**

\* \* \* \* \*