

S.D.E.
M.B.A. (I.T.) Sem-III (2013 Course) : WINTER - 2018
SUBJECT: DATABASE MANAGEMENT WITH ORACLE

Day: Wednesday
Date: 05/12/2018

W-2018-4692

Time: 10.00 AM TO 1.00 PM
Max. Marks: 70

N.B.:

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

SECTION -I

- Q.1** Explain codd's rules of RDBMS. (10)
- Q.2** What are the different types of functions used in SQL? (10)
- Q.3** Explain steps to create report through SQL with example. (10)
- Q.4** What is Cursor? Explain different types of cursors with examples. (10)
- Q.5** Write short notes on any **TWO** of the following: (10)
- a) Control structures in PL/ SQL
 - b) Data types in PL/SQL
 - c) Group By and having clause

SECTION-II

- Q.6** Write SQL statements for the following Books (book_id, book_name, category, price, author_name) (03)
- a) Create above table with proper constrains. (03)
 - b) Find the books under computer category. (03)
 - c) Write a select statement to find out list of books whose price is above 500. (03)
 - d) Add new books under Management category. (03)
 - e) Remove all books whose price is less than Rs. 100. (03)
- Q.7** Consider following tables: (15)
- Department (d_no, d_name, location)
Employee (e_no, e_name, job, salary, d_no)
- Accept department name and pass it to the function and check whether it is present in the department table or not. If it is present print number of employees in that department.
- Q.8** Write a trigger while inserting a new record into employee table, which will display error 'Duplicate employee no'. Trigger should reject all records while adding new record. If emp_no includes white spaces appropriate error message should be displayed. (15)

* * * *