

**S.D.E.**

**M.B.A. (IT) SEM – III (2010 COURSE) (3 YEAR COURSE) :  
SUMMER - 2018**

**SUBJECT : DATABASE MANAGEMENT WITH ORACLE**

Day : **Thursday**  
Date : **31/05/2018**

Time : **10.00 A.M. TO 1.00 P.M.**  
Max. Marks : **70**

**S-2018-4543**

**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 the **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

**SECTION - I**

- Q. 1** Define cursor. Explain Implicit and Explicit cursor. **(10)**
- Q. 2** Explain the process of error handling in SQL. How are System Defined and User Defined exceptions handled? **(10)**
- Q. 3** Explain the categories of Triggers. Describe the two types of trigger. **(10)**
- Q. 4** Describe any five DML commands. **(10)**
- Q. 5** How oracle supports Concurrency Control and Recovery? **(10)**

**SECTION - II**

- Q. 6** Design a Customer\_Data Table **(15)**  
Perform the following operations.
- i) Write a SQL statement, which deletes duplicate rows from a table.
  - ii) Write a SQL statement, which retrieves only even rows from a table.
  - iii) Write a SQL statement which retrieves only 1<sup>st</sup> row and last row from a table.

**P. T. O.**

**Q. 7** Create the following table and add sample values in it. **(15)**

a) Sales\_People  
SNUM  
SNAME  
CITY  
COMM

b) Customers  
CNUM  
CNAME  
CITY  
RATING  
SNUM

Solve the following queries:

- i) List all the columns of the Sales\_People table.
- ii) Find all the customers with a rating 100.
- iii) Sort the sales people table in following order S num, S name, Comm, City.

**Q. 8 a)** Create a trigger, on 'Invoice' Table which will maintain details of record deleted from invoice in Invoice Audit table with user name and date of the record deleted. **(08)**

**b)** Write PL / SQL to accept number from user and Reverse it. **(07)**

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