AR-2010102 Seat No. _____

B. C. A. (Sem. IV) (Non CBCS) Examination

March / April – 2016

CS-21 : RDBMS Using Oracle

Time : **3** Hours] [Total Marks : **100**

1 Attempt any **four** : **20**

(a) Why Oracle is known as RDBMS?

(b) Write down the different data types available in Oracle.

(c) Explain DDL, DML & DCL statements in Oracle.

(d) Explain index with example.

(e) Explain View with example.

2 Attempt any **four** : **20**

(a) Explain Grant & Revoke with example.

(b) Explain Commit, Rollback & SavePoint with example.

(c) Write down the types of triggers in detail.

(d) What is Join? Explain the different types of joins.

(e) Explain following operators with example.
In, Any, Like, Exists, Between

3 Attempt any **four** : **20**

(a) Explain Oracle Instance Architecture in detail.

(b) Write down PL/SQL Block Structure with example.

(c) What are Control Files and Redo Log Files?

(d) Write a note on Import and Export.

(e) What is Net 8? List out its features.

4 Differentiate followings (any **four**) **20**

(a) Cold Backup & Hot Backup

(b) SQL & SQL*Plus

(c) % TYPE & % ROW TYPE

(d) Function & Procedure

(e) Group By & Having Clause

5 Attempt the following : **20**

(a) Consider the following tables and solve given queries :

Table : Customer

Fields : cust_id (Primary Key), Cust_name, city

Table : Product_Master

Fields : Product_id(Primary Key), prod_name, prod_price, cust_id(Reference to cust_id of Customer Table)

(1) Create above tables with appropriate constraints.

(2) Display all records from both tables.

(3) Display customer details who are from "Rajkot" city.

(4) Display product details with cost Rs. 500 or more.

(5) Dislay customer details with product list who have purchased total shopping of greater than Rs. 2000.

(b) Consider the following tables and solve given queries :

Table : Employee

Fields : Emp_no (Primary Key and must start with "emp"), Emp_Name, Emp_Salary, Designation

(1) Create above table with appropriate constrains & display all records.

(2) Create a trigger that will fire before delete and update operation.
