



**HCL-M201087**

Seat No. \_\_\_\_\_

**P. G. D. C. A. (Sem. II) (Non-CBCS) Examination**

**October – 2017**

**CS-07 : RDBMS Using Oracle**

*(Old Course)*

Time : **3** Hours]

[Total Marks : **100**

- 1** Attempt any **four** : **20**
- (a) Explain Characteristics of RDBMS.
  - (b) What is E-R Diagrams? Discuss the different types of Relationship in RDBMS.
  - (c) What is SQL and SQL\*Plus? Explain any four SQL\*Plus formatting Commands with example.
  - (d) What is Join? Discuss different types of Join.
  - (e) Explain INSERT and SELECT commands with WHERE Clause.
- 2** Attempt any **four** : **20**
- (a) Explain different Data Types in SQL.
  - (b) Explain CREATE, ALTER and DROP commands with example.
  - (c) Write a note on INDEX in detail.
  - (d) Explain GROUP BY - HAVING Clause with a suitable example.
  - (e) Explain ORDER BY, DISTINCT, BETWEEN, IN, ALL Clauses with example.
- 3** Attempt any **four** : **20**
- (a) What is use of SEQUENCE? Explain SEQUENCE Syntax with all parameters.
  - (b) Write a note on View.
  - (c) What is Constraints? Explain Primary Key and Foreign Key with suitable example.
  - (d) What is Transaction? Explain Grant, Revoke, Commit and Savepoint statements.
  - (e) Explain PL/SQL block structure with an example.

**4** Attempt any **four** : **20**

- (a) Explain how to creating and calling a Procedure with suitable example.
- (b) What is Cursor? Explain Implicit Cursor with example.
- (c) Explain Advantages of Nested Tables and Varrays. And Write a suitable examples of Both Objects.
- (d) Explain SQL\*Loader in detail.
- (e) Explain Control Files, Redo Log Files and Data Files.

**5** Attempt any **four** : **20**

- (a) What is Package? Write a suitable example of Create and Implementation of Package.
- (b) What are uses of Tablespace? Discuss Tablespace with Create and Alter Commands.
- (c) Discuss the functionality of Database Links.
- (d) What is Database Trigger? List out types of Trigger and explain any one with example.
- (e) Explain Memory Structure in Oracle Instance Architecture.

---