DB-003-003310 Seat No. _____

B. C. A. (Sem. III) Examination

March - 2022

CS-15 : RDBMS Using Oracle

(Old Course)

Faculty Code : 003

Subject Code : 003310

Time : $2\frac{1}{2}$ Hours]　　　　　　　　　　　　[Total Marks : **70**

Instructions : (1)　All questions carry equal marks.

　　　　　　　(2)　Attempt any five questions.

1　Attempt the following :　　　　　　　　　　　　　**14**

　(1)　Explain Dr. E.F. Codd rules in detail.

　(2)　Write a note on normalization.

2　Attempt the following :　　　　　　　　　　　　　**14**

　(1)　Differentiate : SQL V/s SQL*Plus.

　(2)　Explain different data types available in oracle.

3　What is join ? Explain different types of join with suitable　**14**
　example.

4　Attempt the following :　　　　　　　　　　　　　**14**

　(1)　Explain following operators with example :
　　　Any, Like, Exists, Between

　(2)　Explain DDL, DML, DCL statements in oracle.

5　Attempt the following :　　　　　　　　　　　　　**14**

　(1)　Write a note on view.

　(2)　Write a note on index.

6　What is transaction ? Explain Commit, Rollback, Savepoint with　**14**
　example.

7   Attempt the following :   **14**
      (1)   Explain PL/SQL block structure with suitable example.
      (2)   Explain %TYPE and %ROWTYPE with example.

8   Write a note on procedure and function in oracle with suitable   **14**
      example.

9   Attempt the following :   **14**
      (1)   Define backup and recovery. Explain types of backup in
            detail.
      (2)   What is Net 8 ? Why use Net 8 ? Explain Net 8 features.

10   Attempt the following :   **14**
      (1)   Explain different types of trigger in detail.
      (2)   Explain package with example.

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