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

February – 2017

CS - 21 : RDBMS using Oracle

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

1   Attempt the following : (any **four**)   **20**

   (1)   Write a note on Data type available in oracle.

   (2)   Give difference between SQL v/s SQL*plus.

   (3)   Define Constraint; discuss NOT NULL and UNIQ in detail.

   (4)   Explain Data Manipulation Command.

   (5)   What is join ? Explain various types of joins with an example.

2   Attempt the following : (any **four**)   **20**

   (1)   Explain View in detail.

   (2)   Explain Sequence in detail.

   (3)   Write a note on index.

   (4)   Discuss View with suitable example.

   (5)   Describe Transaction, Commit, Rollback and Savepoint with example.

3   Attempt the following :   **20**

   (1)   Differentiate the following :

      (a)   Join v/s Subquery

      (b)   SQL v/s PL/SQL

      (c)   Nested Table v/s Varry.

   (2)   Define following terms :

      (a)   Database Link

      (b)   Record

      (c)   Snapshots.

4   Attempt the following : (any **four**)   **20**

   (1)   Explain %type and %rowtype with example.

   (2)   Explain Cursor in detail.

   (3)   What is procedure ? How to create and using procedure ?

   (4)   Explain Instance Architecture.

   (5)   What is Rollback ? Explain Rollback Segment.

5   Attempt the following : (any **two**)   **20**

   (1)   Write a note on database Trigger.

   (2)   Define the meaning of backup and recovery. List out different types of backup and explain each briefly.

   (3)   What is Net 8 ? Explain its features.

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