Seat No.

BCA (Part - III) (Semester - V) Examination, October - 2017
RDBMS WITH ORACLE
Sub. Code : 66418

Day and Date : Monday, 23 - 10 - 2017   **Total Marks : 80**
Time : 10.30 a.m. to 01.30 p.m.
Instructions :
1) Attempt any five questions.
2) Figures to the right indicate full marks.

Q1) a) Explain Difference between DBMS and RDBMS. **[8]**

b) Explain Following RDBMS terminology with example:- **[8]**

   i) Relation

   ii) Tuple

   iii) Cardinality

   iv) Attribute

Q2) a) Explain the concept of relational model with its advantages and limitations. **[8]**

b) What is normalization? Explain 1NF, 2NF and 3NF with suitable example. **[8]**

Q3) What is DML? Explain various options of SELECT command with example. **[16]**

Q4) a) What is View? Explain procedure to create a view. **[8]**

b) Explain Codd's rules in detail. **[8]**

Q5) What is SQL join? Explain Inner, Outer and Self Join with example. **[16]**

Q6) Explain the following:- **[16]**

    a)   Sub queries

    b)   Sequences

    c)   Responsibilities of DBA

    d)   Trigger

Q7) a)   Explain structure of PL/SQL block in detail. **[8]**

    b)   Write P1/SQL block to calculate simple interest. **[8]**

Q8) Write Short Note on (Any Two) **[16]**

    a)   Data types in SQL

    b)   Indexes in SQL

    c)   Types of cursors

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