Bachelor of Science (B.Sc. III) Fifth Semester
B.Sc. 3514 - Computer Science : Paper-II
(Database Programming With Oracle)

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Notes :   1.   All questions are compulsory & carry equal marks.
          2.   Draw well labelled diagram if necessary.

Either:-

1.   a)   Explain three types of DBMS users.   **5**

         b)   Discuss the various database objects.   **5**

OR

         c)   Explain component of SQL in detail.   **5**

         d)   Write down the steps for creating user and password in oracle.   **5**

Either:-

2.   a)   Discuss the select command with various options.   **5**

         b)   Explain with syntax   **5**
              i)   Commit   ii)   Rollback

OR

         c)   Explain different way of text searching in oracle.   **5**

         d)   Write a procedure to concatenate two column in select statement.   **5**

Either:-

3.   a)   Explain any two date function with example.   **5**

         b)   Explain view with its advantages & disadvantages.   **5**

OR

         c)   Explain CASE END with suitable example.   **5**

         d)   Explain following character function with suitable example.   **5**
              i)   Replace   ii)   Init cap

Either:-

4.   a)   Explain in detail exception handling.   **5**

         b)   Write a PL/SQL block to check year is leap or not.   **5**

OR

c) Draw the structure of PL/SQL black & also explain it. **5**

d) Explain the following attribute that are associated with explicit curser with suitable example. **5**
    i) % NOT FOUND   ii) % ROW COUNT

5. Attempt all questions.

a) Explain in short DDL. **2½**

b) Write a note on where clause. **2½**

c) Explain subquery **2½**

d) Write a program in PL/SQL to find whether number is even or odd. **2½**

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