B.Sc. (With Credits)-Regular-Semester 2012 Sem V

B.Sc. 3514
Computer Science Paper - II
(Database Programming With Oracle)

P. Pages : 4

Time : Three Hours   Max. Marks : 50

Notes :   1. All questions are compulsory and carry equal marks.

1.   Either :

a) What is RDBMS? Why Oracle is called as multiuser system?   **5**

b) Write and explain various datatypes supported by SQL with example.   **5**

OR

c) Explain various types of users.   **5**

d) Explain different components of SQL.   **5**

2. Either :

a) Give purpose and syntax of following **5**
   operation with example over a table.
   i) Altering table.   ii)   Update table.

b) What are integrity constraints and what is **5**
   their need.

OR

c) Explain the following clause supported by **5**
   SELECT statement.
   i) GROUP BY   ii)   HAVING.

d) Explain with syntax. **5**
   i) Commit   ii)   Revoke.

3. Either :

a) What are join? Explain the types of join. **5**

b) Explain following character function with **5**
   suitable example.
   i) REPLACE
   ii) INITCAP
   iii) TRANSLATE.

OR

c) Explain following SET operator using suitable example. **5**
   i) Union All
   ii) Minus.

d) What is view? Explain advantages and disadvantages of view. **5**

4. Either :

a) What is trigger? Explain different types of triggers. **5**

b) What is explicit cursor? Write various attributes that are associated with it. **5**

OR

c) Write a program to divide a number by character number. If any error occurs it should be handled properly and store the error number and its description in a table called ERRORH. **5**

d) What is procedure? Write syntax to create stored procedure. **5**

5. Attempt all the questions.

    a) List the functions of DBA.   **2½**

    b) Explain :   **2½**

      i) Update command

      ii) Delete command

    c) Explain subquery.   **2½**

    d) What is subprogram.   **2½**

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