B.Sc.- III (C.B.C.S. Pattern) Sem-V
USCST09.2 : Computer Science Elective-II - Database Programming With Oracle

P. Pages : 2

Time : Three Hours

Max. Marks : 50

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Notes :
1. All questions are compulsory.
2. All questions are carry equal marks.
3. Draw neat and clean diagram wherever necessary.
4. Avoid vague answers.
5. Write answers relevant and specific to questions only.

1. Either :

a) Explain the RDBMS concepts in details. **5**

b) Explain the elements of Sql and database objects. **5**

OR

c) Define SQL. Give the advantages of using SQL. **5**

d) Describe the different database users. **5**

2. Either :

a) Explain the creation of table and altering table command with suitable example. **5**

b) Discuss on Data Control Language command with suitable example. **5**

OR

c) Explain the Data Retrieval command with suitable example. **5**

d) Describe the group by clause and order by clause with suitable example. **5**

3. Either :

a) Describe any two character functions with suitable example. **5**

b) What is mean by joins? Explain any two types of join. **5**

OR

c) Give details about conditional function with suitable example. **5**

d) Explain the set operators of SQL. **5**

4. Either :

    a)   What is PL / SQL? Explain the structure of PL / SQL.   **5**

    b)   Define Cursor? Discuss on types of cursor.   **5**

<div align="center">OR</div>

    c)   Write a note on Exception Handling with suitable example.   **5**

    d)   What is package? Demonstrate package body in details.   **5**

5.   Solve all questions.

    a)   Write a short note on Sql * plus.   **2½**

    b)   Explain the truncating table command with example.   **2½**

    c)   Demonstrate synonyms object with example.   **2½**

    d)   Write a PL / SQL block to find the sum of two numbers.   **2½**

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