

B.C.C.A. - III (CBCS Pattern) Semester-V
UBCCAT505.1 - Elective-I Paper-V : Database Programming with Oracle

P. Pages : 2

Time : Three Hours



GUG/S/25/13043

Max. Marks : 40

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- Notes :
1. All questions are compulsory and carry equal marks.
 2. Draw neat and labelled diagram use supporting data wherever necessary.
 3. Avoid vague answers and write specific answer related to questions.

Either :

1. a) Draw a diagram and explain oracle as multi-user system. 4
- b) Define data type. Explain any four data type used in SQL. 4

OR

- c) Describe any four elements of SQL. 4
- d) Explain different database users. 4

Either :

2. a) What do you mean by DML? Explain any two commands supported by DML. 4
- b) Explain the following elements supported by the SELECT statement 4
 - i) Where
 - ii) Group By.

OR

- c) Define integrity constraints. Describe any two of them. 4
- d) Explain the commit and rollback command with system and example. 4

Either :

3. a) Explain the following character functions with suitable example. 4
 - i) ASCII ()
 - ii) LENGTH ()
 - iii) LTRIM ()
 - iv) RPAD ()
- b) What is view? Give the advantages of view. 4

OR

- c) Write a note on: 4
- i) Sequence
- ii) Synonym
- d) Define Joins. Explain any two types of Join. 4

Either :

4. a) Explain with suitable example the looping statement supported by PL/SQL. 4
- b) Differentiate between implicit and explicit cursor. 4

OR

- c) Write a PL/SQL block to check a number is Even or Odd. 4
- d) What are triggers? Explain any two types of triggers. 4

5. Solve all the questions.

- a) Enlist the functions of DBA. 2
- b) Write a note on Grant Comment. 2
- c) Explain the concept of subquery with example. 2
- d) Define function with its advantages. 2
