

B.C.A. - II (CBCS Pattern) Semester-III  
**UBCAT303 - Paper-III : Database Programming with Oracle**

P. Pages : 2

Time : Three Hours



**GUG/W/24/11759**

Max. Marks : 40

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

**Either:**

1. a) Explain “Oracle as multi-user system”. 4
- b) List and explain various datatypes in SQL. 4

**OR**

- c) Explain any four elements of SQL. 4
- d) Describe oracle as RDBMS in detail. 4

**Either:**

2. a) What is DDL? Explain the following with their use, syntax & example. 4
  - i) Create
- b) Define data integrity constraints? Explain Not null constraints in detail with example. 4

**OR**

- c) Write a note on the following with suitable query. 4
  - i) Between
  - ii) Like
- d) Explain insert and update query with its use, syntax, & example. 4

**Either:**

3. a) Explain any four character function in detail. 4
- b) Define view? Give the advantages of view. 4

**OR**

- c) What is Join in SQL? Explain its types in detail. 4
- d) Define Subquery. Explain with suitable example. 4

**Either:**

- 4. a) What is cursor? Explain Explicit cursor in detail. 4
- b) Write a PL/SQL program to find the sum of first N Integer Numbers. 4

**OR**

- c) Define Package. Explain it with suitable example. 4
- d) Write a PL/SQL block to divide a number by zero with proper exception. 4

5. Solve all the questions.

- a) What is Database user? Explain. 2
- b) Write a note on commit & Rollback. 2
- c) Explain usage of synonym in brief. 2
- d) What is procedure? Explain. 2

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