



GUG/W/14-3361

T.Y. B.Sc. (Part - III) Sem. – V - B.Sc. 3514

Computer Science - II

**(Database Programming with Oracle)**

**Paper - II**

P. Pages : 3

Time : Three Hours

Max. Marks : 50

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- Notes : 1. All questions are compulsory and carry equal marks.  
2. Draw neat and labeled diagram wherever necessary.  
3. Avoid vague answers and write answers relevant and specific to questions only.

1. Either :
- a) Discuss the component of SQL in detail. **5**
  - b) What is database object ? Explain different database object. **5**

**OR**

- c) Explain different data types use in oracle. **5**
- d) Discuss the element of SQL in detail. **5**

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- 2.** Either :
- a) Explain the following with syntax and example. **5**
    - i) Grant
    - ii) Revoke
    - iii) Savepoint.
  - b) Explain different way of text searching in oracle. **5**

**OR**

- c) Explain data manipulation in detail. **5**
  - d) Explain the following with syntax and example. **5**
    - i) Create
    - ii) Update
    - iii) Insert.
- 3.** Either :
- a) Explain date function with example. **5**
  - b) Discuss the view in detail. **5**

**OR**

- c) Explain about join with suitable example. **5**

- d) List the group function ? Explain any three with suitable example. **5**
- 4.** Either :
- a) What is trigger ? Explain in detail. **5**
- b) Discuss the basic elements of PL/SQL programming. **5**

**OR**

- c) Explain various attribute that associated with explicit cursor. **5**
- d) Write a PL/SQL block for Fibonacci series. **5**
- 5.** Attempt **all** the questions : **10**
- a) Explain why oracle as multi user system.
- b) Explain select command with syntax and example.
- c) What is subquery ? Explain with example.
- d) Write down step to create a package.

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