



GUG/W/15/3361

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

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

P. Pages : 4

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) What is SQL ? Write down the features of SQL. **5**
- b) Write a procedure to start SQL *plus and explain the significance of password and host string. **5**

OR

- c) Explain and write down various data types supported by SQL with example. **5**
- d) What do you mean by data object? List various types of data objects. **5**

2. Either :

- a) Give purpose and syntax of following operation with syntax over a table : **5**
- i) Creating a table
 - ii) Dropping table
- b) Explain various operators used in SQL with example. **5**

OR

- c) What is TCL ? Explain various commands supported under TCL in SQL. **5**
- d) Write syntax, purpose and example of following commands – **5**
- i) Create table
 - ii) Update table

3. a) What is function ? Explain following data function : **5**
- i) NEXT_DAY
 - ii) LAST_DAY
 - iii) ADD_MONTH
 - iv) MONTHS_BETWEEN

- b) What is sequence ? What are advantages and disadvantages of sequence. **5**

OR

- c) Create a view that refrives the information about employees whose salaries are greater then 15000. **5**

- d) What are join? Explain various types of joins. **5**

4. Either :

- a) Explain and write the structure of PL/SQL Block. **5**

- b) Write a PL/SQL block to check year is leap or not. **5**

OR

c) What is cursor ? Explain various kinds of cursors supported by PL/SQL. **5**

d) Create a procedure that displays the information of donar by accepting donar number. **5**
Donar (Dno, Dname, Age, Gender)

5. Attempt **all** questions.

a) List various types of users. **2½**

b) Write note on having clause. **2½**

c) Write a note on synonym. **2½**

d) What do you mean by : **2½**

i) Trigger Event

ii) Trigger Action
