

B.Sc. (Information Technology)-II Third Semester (Old)
BSCIT233 - Database Programming with Oracle (SQL & PL/SQL) Paper - III

P. Pages : 2

Time : Three Hours



GUG/W/18/1437

Max. Marks : 80

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

1. Either

- a) Write a brief note on 8
 - i) Reserve words.
 - ii) Literals.
- b) List various types of Database users and explain them in brief. 8

OR

- c) What is SQL? Explain different elements of SQL in detail. 8
- d) What is RDBMS? Explain advantages of RDBMS. 8

2. Either

- a) Give the difference between: 8
 - i) Truncate and Delete.
 - ii) Having and where clause.
- b) What is function? Explain different character functions with example. 8

OR

- c) Explain various Data Definition Language commands with example. 8
- d) Explain various constraints used during creation of table. 8

3. Either

- a) What is Join? Explain any two types of joins in detail. 8
- b) Explain different looping statements supported by PL/SQL. 8

OR

- c) What is view? List the advantages of view. 8
- d) Write a PL/SQL block to check if given number is palindrome or not. 8

4. Either

- a) What are the various pre-defined exception supported by PL/SQL? Explain with suitable example. **8**
- b) Write a PL/SQL block to swap two numbers, using procedure. **8**

OR

- c) What are triggers? Explain the various types of triggers in brief. **8**
- d) Write a function which is able to perform addition of two numbers as well as addition of three numbers using default argument concepts. **8**

5. Solve all the questions.

- a) Write down the step of logging and logging out in Oracle. **4**
- b) Explain various ways to write select command with example. **4**
- c) What is cursor? Explain any two attributes of cursor. **4**
- d) Write the advantages of defining a package. **4**
