

USCST09.2 - Computer Science Paper-II - Database Programming with Oracle

P. Pages : 2

Time : Three Hours



GUG/S/25/13086

Max. Marks : 50

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

Either :

1. a) Write various components of SQL and its purpose. **5**
b) Write the features of SQL. **5**

OR

- c) Explain the term Data Definition Language. **5**
- d) What are database objects in SQL? Explain in brief. **5**

Either :

2. a) Consider student table having fields are stud_name, stud_age and stud_mobilen. Write SQL statement to display the structure of student table. **5**
b) What is Clause? Explain having clause with suitable example. **5**

OR

- c) Write syntax, purpose and example of drop command. **5**
- d) Explain the purpose of Rollback and Save Point command with example. **5**

Either :

3. a) Explain in brief count() and avg() function. **5**
b) How to create sequence in SQL. Explain in brief with suitable example. **5**

OR

- c) Explain any two nested function in SQL. **5**
- d) Write syntax, purpose and example of union and intersect set operators. **5**

Either :

4. a) What is variable? Write rules for defining variables in PL/SQL. **5**
b) Write PL/SQL program to calculate average of five numbers. **5**

OR

- c) Explain in brief implicit cursor. **5**
- d) Write note on after trigger. **5**

5. Attempt all questions.

- a) Write difference between SQL and SQL *Plus. **2½**
- b) Write purpose and example of delete command. **2½**
- c) What are the types of locks in SQL. **2½**
- d) Write note of package in PL/SQL **2½**
