

B.Sc. - II (Information Technology) (CBCS Pattern) Semester-III
UBITT303 - Paper-III - Database Programming - Oracle (SQL & PL/SQL)

P. Pages : 2

Time : Three Hours



GUG/S/25/10929

Max. Marks : 40

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

Either:

1. a) Explain the components of SQL. 4
- b) Enlist different functions of DBA. 4

OR

- c) Explain any four Database Objects. 4
- d) Write a note on “Oracle as Multi-user System”. 4

Either:

2. a) Explain following Integrity constraint with example. 4
 - i) Primary key
 - ii) Reference key.
- b) Describe SELECT statement with ‘Group by’ and ‘Order by’ clause. 4

OR

- c) Explain any two DML commands with example. 4
- d) Write a note on: 4
 - a) Grant
 - ii) Revoke.

Either:

3. a) Define Joins. Explain with example any two types of joins. 4
- b) Write a PL/SQL block to check whether inputted year is leap or not. 4

OR

- c) Describe the attributes associated with explicit cursor with example. 4
- d) Explain for loop with example. 4

Either:

- | | | | |
|-----------|----|---|----------|
| 4. | a) | Explain any two pre-defined exceptions with example. | 4 |
| | b) | What is procedure? Write syntax to create a stored procedure. | 4 |

OR

- | | | | |
|-----------|----|--|----------|
| | c) | Define Triggers. Explain its types. | 4 |
| | d) | Write a procedure to swap two numbers. | 4 |
| 5. | | Solve all the questions. | |
| | a) | Enlist the advantages of RDBMS Oracle. | 2 |
| | b) | What do you mean by table? Write the rules for naming a table. | 2 |
| | c) | Write a note on view updatable. | 2 |
| | d) | Explain function with syntax to create function. | 2 |
