

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/W/24/10929**

Max. Marks : 40

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- 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 answer and write specific answers related to questions.

**Either:**

1. a) Explain “Oracle as Multi-user System” in detail. 4
- b) Explain the role of Database Administrator (DBA) in detail. 4

**OR**

- c) Explain the Structured Query Language (SQL) in detail. 4
- d) Define Datatypes. Explain various Datatypes supported in Oracle with example. 4

**Either:**

2. a) Define table. Write down the procedure how to create table and insert a record. 4
- b) Explain the following. 4
  - i) NOT NULL Constraints.
  - ii) PRIMARY KEY Constraints

**OR**

- c) Explain the Group-by clause with a suitable example. 4
- d) Create following Table and execute the PL/SQL blocks to create table Music album with fields (title, hero, singer, rating) and insert 3 records in table. 4

**Either:**

3. a) Define Joins. Explain Self join in detail using suitable example. 4
- b) What is the report? Explain the features of the report. 4

**OR**

- c) Define Cursor. Explain different types of cursor using example. 4
- d) Write a PL/SQL block to find the square, cube, square root of nos. between 1 & 25 using loop. 4

**Either:**

4. a) What do you mean by Exception Handling and explain the category of Exception Handling. 4
- b) Define procedure. Explain the characteristics of procedure using example. 4

**OR**

- c) Write a step how to create Trigger using suitable example. 4
- d) Create a procedure that displays the information of donar by accepting donar numbers, name, age, blood - group. 4
5. Solve all the questions.
- a) Explain the Database user in Oracle. 2
- b) Write a short note on SELECT statement. 2
- c) Explain the concept of views in short. 2
- d) What is the package? 2

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