

Bachelor of Computer Application (B.C.A.-II) (CBCS) Third Semester CBCS  
**UBCAT303 -Database Programming with Oracle Paper - III**

P. Pages : 2

Time : Three Hours



**GUG/W/18/11759**

Max. Marks : 40

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

**1.** Either:

- a) What is SQL? What are features of SQL? Explain. **4**
- b) Explain different database users. **4**

**OR**

- c) Define different elements of SQL. **4**
- d) Explain and write down various data types supported by SQL. **4**

**2.** Either:

- a) What do you mean by TABLE? Write down syntax and example of CREATING TABLE. **4**
- b) Explain SELECT command with it's syntax and example. **4**

**OR**

- c) Explain following: **4**
  - i) GROUP By
  - ii) ORDER By Clauses
- d) Explain COMMIT and ROLLBACK commands. **4**

**3.** Either:

- a) Explain following set operators. **4**
  - i) UNION
  - ii) INTERSECT
  - iii) MINUS
  - iv) UNION ALL
- b) Explain following conversion functions: **4**
  - i) TO-CHAR ( )
  - ii) TO-NUMBER ( )

**OR**

- c) Explain following Data functions: **4**
  - i) NEXT\_DAY ( )
  - ii) LAST\_DAY ( )
  - iii) ADD\_MONTHS ( )
  - iv) MONTHS\_BETWEEN
- d) What do you mean by SubQuery? Also Explain multiple SubQueries. **4**

4. Either:
- a) Explain IF---THEN statement in PL/SQL. Write a PL/SQL Block to find largest among two number. 4
  - b) What is trigger? Explain with syntax and example. 4

**OR**

- c) What is Exception? Explain following pre-defined exceptions: 4
    - i) NO\_DATA\_FOUND                      ii) CURSOR\_ALREADY\_OPEN
  - d) Write a PL/SQL procedure to swap or interchange stored values of two variable. 4
5. Solve all the questions.
- a) Explain in brief ORACLE as multiuser system. 2
  - b) What is Save-Point? Explain in brief use of Save-Point. 2
  - c) What is view? Explain with syntax. 2
  - d) What is Package? Explain How to create it. 2

\*\*\*\*\*