

B.C.A. - II (CBCS Pattern) Sem-III  
**UBCAT303 - Paper-III : Database Programming with Oracle**

P. Pages : 1

Time : Three Hours



**GUG/W/22/11759**

Max. Marks : 40

- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw neat and labelled diagrams wherever necessary.
  3. Avoid vague answers and write answers relevant and specific to questions only.

Either:

1. a) List various types of Database Objects. 4
- b) What is RDBMS? Why is Oracle called a Multiuser System? 4

**OR**

- c) Explain functions of DBA. 4
- d) Explain the write down various data types supported SQL. 4

Either:

2. a) Explain Create and Delete command with syntax. 4
- b) Explain various operators used in SQL with suitable example. 4

**OR**

- c) What are integrity constraints and what is their need? 4
- d) What do you mean by DCL and explain its purpose? 4

Either:

3. a) Explain view with syntax. And explain its type. 4
- b) What are advantages and disadvantages of sequence? 4

**OR**

- c) Explain following character functions. 4
  - i) Replace ii) Init cap
  - iii) Floor iv) Round
- d) What is join? Explain Equi – Join and Outer Join. 4

Either:

4. a) Explain conditional control statements supported by PL/ SQL. 4
- b) Explain various pre-defined exception supported by PL/SQL. 4

**OR**

- c) Explain triggers and its types. 4
- d) What is implicit and explicit cursor? 4

5. Attempt all the questions.
  - a) Write down the step of logging and logout in oracle. 2
  - b) What do you mean by TABLE? Write the rules to naming a table. 2
  - c) Explain the various sections of PL/SQL block. 2
  - d) Write a step to create packages. 2

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