

B.C.A.- II (CBCS Pattern) Semester-III
UBCAT303 - Paper-III - Database Programing with Oracle

P. Pages : 2

Time : Three Hours



GUG/S/25/11759

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 answers and write specific answers related to question.

Either:

1. a) What is SQL? What are the limitations of SQL. 4
- b) List any four data types supported by oracle. 4

OR

- c) Enlist the functions of Database Administrator (DBA). 4
- d) Explain any four database object. 4

Either:

2. a) Explain any two integrity constraints in detail. 4
- b) Write a note on SELECT command with syntax and example. 4

OR

- c) Explain the following commands. 4
 - i) Update
 - ii) Delete.
- d) Create a table student and add 4 records in it. 4

Either:

3. a) Explain view with its advantages and disadvantages. 4
- b) Write a note on following with example. 4
 - i) Equi Join
 - ii) Self Join

OR

- c) Discuss the following numeric function. 4
 - i) Cell()
 - ii) Round()
- d) What is sub query? Why is sub-query required and how they are processed? 4

Either:

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|-----------|----|--|----------|
| 4. | a) | Write a PL/SQL block to check whether given number is even or odd. | 4 |
| | b) | Explain any two pre-defined exception supported by PL/SQL. | 4 |

OR

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|-----------|----|---|----------|
| | c) | What is package? What are the advantages of creating a package. | 4 |
| | d) | Write a PL/SQL block to calculate simple interest. | 4 |
| 5. | | Solve all questions. | |
| | a) | Write a note on oracle as multiuser. | 2 |
| | b) | Explain how and when tables are altered. | 2 |
| | c) | Write a note on nested function. | 2 |
| | d) | Define trigger. Explain any two types of triggers. | 2 |
