UBITT303 - Paper-III : Database Programming - Oracle (SQL & PL/SQL)

P. Pages : 2

Time : Three Hours

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GUG/W/23/10929

Max. Marks : 40

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Notes : 1. All questions are compulsory and carry equal marks.
2. Draw neat and labeled diagram and use supporting data wherever necessary.
3. Avoid vague answers with specific points/answer related to questions.

Either:

1. a) What is SQL? Explain element of SQL Language. **4**

b) What is logging in and logging out of oracle? Explain. **4**

OR

c) Write a note on DBA and its role. **4**

d) Write the steps to create user and password in oracle. **4**

Either:

2. a) Explain data definition command with suitable example. **4**

b) Write a note on- **4**

i) Order by clause

ii) Having clause

OR

c) Discuss Integrity constraints and its need. **4**

d) Explain the use of like and not Null operator with suitable example. **4**

Either:

3. a) Explain different types of cursors and its attributes. **4**

b) Write a PL/SQL program which accepts two values from keyboard and calculate sum of these two. **4**

OR

c) Write a note on views and its types. **4**

d) Write a PL/SQl block to find number is even or odd. **4**

4. a) Write a note on-   **4**

   i)   Predefined Exception

   ii) User-Defined Exception

   b) What is subprogram? Explain how oracle executes subprograms.   **4**

<div align="center">**OR**</div>

   c) Write a PL/SQL block to swap two numbers using procedure.   **4**

   d) What is Trigger? Explain types of Triggers.   **4**

5.   Attempt all the questions.

   a) Write a not eon keywords.   **2**

   b) Discuss character functions (any two).   **2**

   c) Write a PL/SQL block to find the largest of two numbers.   **2**

   d) Write a note on procedure.   **2**

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