

Bachelor of Computer Application (B.C.A.-II) Third Semester (Old)
BCA233 – Database Programming With Oracle Paper – III

P. Pages : 2

GUG/W/18/1107

Time : Three Hours



Max. Marks : 80

- 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 answer related to questions.

1. Either

- a) What is RDBMS? Explain its advantages in detail. **8**
- b) Explain and write down various data types supported by SQL with example. **8**

OR

- c) What are the components of SQL? Explain each in detail. **8**
- d) What is script file? What is default script editor in oracle and how one can change it. **8**

2. Either

- a) Write a command to create a table student having 6 field Name, Roll No, Class, Marks of 3 papers. **8**
- b) Explain the following with suitable example:- **8**
 - i) Group by clause
 - ii) Order by clause.

OR

- c) Write a note on following with suitable example. **8**
 - i) Insert
 - ii) Delete
- d) Write a brief note on SQL operators and Text search. **8**

3. Either

- Specify the function name used by SQL for following operations with suitable example. **8**
- i) The difference between two dates.
 - ii) Adding months.
 - iii) Subtracting months.
 - iv) Months between two dates.

- b) What is join operation? Explain equijoin and outer – join operation with example. 8

OR

- c) What do you mean by SET operator? Explain the following SET operators with suitable example. 8

i) Union All.

ii) Intersect.

- d) What is view? What are the advantages of creating view? Write syntax to create a view taking suitable example. 8

4. Either

- a) Write a PL/SQL block to check year is leap or not. 8

- b) What is cursor? Explain various types of cursor supported by PL/SQL. 8

OR

- c) What do you mean by exception Handling? Explain various standard exceptions supported by PL/SQL. 8

- d) Write a trigger which will not allow the user to work on table DONAR during period say 9am to 9:30am on any day. 8

5. Solve all the questions.

- a) Write a procedure to start SQ* plus and explain the significance of password and host string. 4

- b) How users and password are created in oracle? Explain. 4

- c) Explain the following NULL handling functions with suitable example: 4

i) NVL

ii) NULLIF

- d) Write a procedure to swap values stored in two variables. 4
