

Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous), Rajkot
Affiliated to Saurashtra University, Rajkot

SEMESTER END EXAMINATION NOVEMBER - 2017

Bachelor of Computer Application / B.Sc. Information Technology

16UCACC11 / 16UITCC11 - RDBMS USING ORACLE

Duration of Exam – 3 hrs

Semester – III

Max. Marks – 70

Part A (10x1= 10 marks)

Answer **ALL** questions

1. Draw all symbols with it's used in E-R diagram.
2. Which command can be used to delete the table object?
3. Which conversion function is used to convert number to string?
4. Distinct Operator can be used to display unique values. True or False?
5. Which type of index should be created by default when the column has primary key constraints?
6. Recorrect the statement:
SELECT deptno,count(*) from dept having count(*)=1 group by deptno;
7. _____loop provides auto-increment and auto declaration of variables.
8. Which data type SQL doesn't have but it is in PL/SQL?
9. List Out The Files That Are Created By SQL*Loader.
10. Full form of LGWR and DBWR.

Part B (5x5= 25 marks)

Answer **ALL** questions

- 11a. What is RDBMS? Explain its features.
OR
- 11b. Explain types of relationship between entities with example.
- 12a. What is Join? Explain Inner join and Outer join with example.
OR
- 12b. Explain Any 5 String Function With Example And Output.
- 13a. Explain VIEW.
OR
- 13b. What is Transaction? Explain Commit, Rollback, Save point.
- 14a. Differentiate: Implicit cursor and Explicit cursor.
OR
- 14b. What is PLSQL? Explain PLSQL Block Structure.
- 15a. Explain Data file, Redo log file and Control file.
OR
- 15b. Explain any five Background Processes.

Part C (5x7= 35 marks)

Answer **ALL** questions

16a. What is Normalization? How it is useful? Explain.

OR

16b. Explain different ways of using INSERT and ALTER command.

17a. Explain Primary key, foreign key features with one to many relationship example.

OR

17b. What is Subquery? Explain Single Row Subquery.

18a. Explain Sequence object.

OR

18b. What is the purpose of INDEX? Explain B-Tree Index.

19a. Explain Trigger.

OR

19b. Explain Looping Statements of PLSQL.

20a. Explain Instance Architecture.

OR

20b. Write a note on NET8.
