

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

**SEMESTER END EXAMINATION NOVEMBER – 2017**

**B.Voc. Applied Computer Technology**

**ACTECH 3.3 – RDBMS USING MS SQL SERVER**

*Duration of Exam – 2.30 hrs*

*Semester – III*

*Max. Marks – 70*

**Que. 1 Answer the following Questions**

**[20]**

1. Who is father of RDBMS?
2. PL/SQL stands for \_\_\_\_\_
3. Meaning of ETL is \_\_\_\_\_
4. SQL stands for \_\_\_\_\_
5. Full form of RDBMS is \_\_\_\_\_
6. Give First rule of Dr. EF Codd ?
7. What is “Increment by” in sequence?
8. Secondary file is save with \_\_\_\_\_ extension
9. Write syntax to drop table
10. You can share your own object locally with the help of \_\_\_\_\_.
11. \_\_\_\_\_ command is use to store data permanently on database.
12. \_\_\_\_\_ function is used to find minimum value form colum.
13. Give full name for Dr. EF CODD.
14. What is use of distinct operator?
15. Full form of DBMS is \_\_\_\_\_.
16. \_\_\_\_\_ function is used to arrange data in ascending or descending form.
17. What is tuple?
18. Which symbol used to represent entity relationship in E-R diagram?
19. \_\_\_\_\_ symbol is used to declare variable in pl/sql
20. Which file is used to recover a database in the event of failure?

**Que. 2 (A) – Answer the following Questions (Any Three)**

**[6]**

1. Explain MIN() and MAX() function
2. Full fomr of DDL, DML, DCL and T-SQL
3. Define: database, table
4. Explain BETWEEN operator with syntax
5. Write syntax to add column in existing table.
6. Explain Order By clause with syntax

**Que. 2 (B) Answer the following Questions (Any Three)**

**[09]**

1. Explain the PL/SQL Block Structure.
2. What is relationship in RDBMS? Explain Types of relationship in RDBMS.
3. Write a note on Logical operator in SQL Server
4. Explain Foreign key constraint.
5. Explain the concept of Null Values
6. Explain E-R Diagram

**Que. 2 (C) Answer the following Questions (Any Two)**

**[10]**

1. Briefly explain role of DBA.
2. Explain SQL Server data types
3. Explain Dr E.F.Codd Rules in detail.
4. Explain Database Architecture and Files and Filegroups in SQL Server 2008.
5. Write a note on Normalization.

**Que. 3 (A) – Answer the following Questions (Any Three)**

**[06]**

1. What is Cursor in pl/sql?
2. Explain savepoint
3. Explain Distinct Operator
4. Explain IN and NOT IN predicate
5. What is index in pl/sql?
6. Give any example to create simple function for subtraction of two values in pl/sql

**Que. 3 (B) Answer the following Questions (Any Three)**

**[09]**

1. What is Data Warehouse
2. Explain Arithmetic Operators
3. Write a note on NOT NULL Constraint
4. Write a code in pl/sql to Create loop to print even numbers of 1 to 100
5. Difference between SQL and PL/SQL
6. Explain Order By clause with syntax and example

**Que. 3 (C) Answer the following Questions (Any Two)**

**[10]**

1. Explain sequence in detail with example
2. Explain GRANT and REVOKE in detail
3. What is Join? Explain its types with appropriate example
4. Explain exception handling in PL/SQL
5. What is Trigger? Explain in detail