

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

**SEMESTER END EXAMINATION NOVEMBER 2018**

**Bachelor of Computer Application / B.Sc. Information Technology**

**16UCACC21 / 16UITCC21 – ADMINISTRATION OF SQL SERVER**

*Duration of Exam – 3 hrs*

*Semester – V*

*Max. Marks – 70*

**Part A (10x1= 10 marks)**

Answer **ALL** questions

1. RDBMS stands for \_\_\_\_\_
2. BI edition is not introduced first time in SQL server 2012. (State True / False)
3. Which command is used to modify fields of a table?
4. List constraints in SQL server.
5. ETL stands for \_\_\_\_\_
6. DBCC stands for \_\_\_\_\_
7. What is full form of RAID?
8. Define Restore
9. ACID stands for \_\_\_\_\_
10. Deadlock is a type of locks. (State True / False)

**Part B (5x5= 25 marks)**

Answer **ALL** questions

- 11a. List features of SQL server. Explain database mirroring in detail.

**OR**

- 11b. Explain shrinking and growing database.

- 12a. How to create table and insert record in it. Give syntax and example.

**OR**

- 12b. Explain update command with example.

- 13a. Explain OLAP DBA and architect DBA.

**OR**

- 13b. List four DBCC commands. Explain any two.

- 14a. Explain types of recovery model.

**OR**

- 14b. Explain SAN in detail.

- 15a. Explain ACID properties.

**OR**

- 15b. Explain deadlock in detail with diagram.

**Part C (5X7= 35 marks)**

Answer **ALL** questions

16a. Explain active-passive clustering in detail.

**OR**

16b. List editions of SQL server. Give detail of any two.

17a. Explain procedure and function with example.

**OR**

17b. Explain primary key and foreign key with example.

18a. Explain non-clustered index

**OR**

18b. List types of DBA. Explain production DBA and task oriented DBA.

19a. Explain types of backup.

**OR**

19b. Explain RAID in detail.

20a. Explain replication in detail.

**OR**

20b. List high availability solutions. Explain any two.

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