

[ 4 ]

Or

Describe the block structure in PL/SQL.

**Unit-IV**

4. Explain any five string functions with example.

Or

Describe the file organization with example.

**Unit-V**

5. Explain field and form level validation.

Or

Explain the data environment option and operation.

\*\*\*\*\* B \*\*\*\*\*

Roll No. \_\_\_\_\_

**Special Online Examination Nov. 2020**

**B.Sc. Part III**

**COMPUTER SCIENCE**

Paper II

( Computer Software )

Time : 3 Hours ]

[ MAXIMUM MARKS : 50

*Note : All questions are compulsory.*

**Section 'A'**

**(5 × 2 = 10)**

*Note : Very Short Answer Type Questions. Answer in one or two lines.*

1. Define schema.
2. What is RDBMS ?
3. Define DDL.
4. Explain GUI.
5. Write the full form of RDO and ADO.

**Section 'B'**

**(5 × 3 = 15)**

*Note : Short Answer Type Questions. Answer with word limit 75-100 words.*

[ 2 ]

**Unit-I**

1. Explain the Database Administration.

**Or**

Write the concept of E-R model.

**Unit-II**

2. Describe the structure of relational database.

**Or**

Explain pitfalls in relational database design.

**Unit-III**

3. Discuss the SQL and SQL PLUS.

**Or**

Explain the group by function.

**Unit-IV**

4. Explain models and events with example.

**Or**

Explain Error Trapping and Debugging.

**Unit-V**

5. Write the concept of DAO.

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**Or**

Explain error object and parameter object.

**Section 'C' (5 × 5 = 25)**

*Note : Long Answer Type Questions. Answer with word limit 150-200 words.*

**Unit-I**

1. Explain the Relational Database structure.

**Or**

Explain E-R diagram with syntax.

**Unit-II**

2. Discuss the domain relational calculus with example.

**Or**

What is normalization ? Explain BCNF with example.

**Unit-III**

3. Explain granting roles and privileges with example.

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P. T. O.