



K20U 1275

Reg. No. : .....

Name : .....

III Semester B.Sc. Degree (CBCSS – Sup./Imp.) Examination, November 2020  
(2014 – '18 Adms.)

**COMPLEMENTARY COURSE IN COMPUTER SCIENCE**  
**3C03CSC : Database Management System**

Time : 3 Hours

Max. Marks : 32

SECTION – A

1. **One word answer :** **(6×0.5=3)**
- a) \_\_\_\_\_ are the attributes of object in VB.
  - b) The overall structure of a database is called \_\_\_\_\_.
  - c) The set of permitted values for an attribute in a relation is called \_\_\_\_\_ of that attribute.
  - d) According to the levels of abstraction, the schema at the intermediate level is called \_\_\_\_\_.
  - e) A variable name in VB cannot have more than \_\_\_\_\_ characters.
  - f) The extension of a project file in VB is \_\_\_\_\_.

SECTION – B

Write short notes on **any five** of the following questions : **(5×2=10)**

- 2. Explain the syntax of DROP command.
- 3. Mention the different users in DBMS.
- 4. Which are the symbols used in ER diagram ?
- 5. What do you mean by foreign key ?
- 6. Define entity set and relationship set.
- 7. What is project operation in relational algebra ?

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8. What do you mean by GUI ?
9. Why message boxes are used in VB ?

SECTION – C

Answer **any three** of the following questions : (3×3=9)

10. Explain Second Normal Form (2NF) with the help of an example.
11. Write about Database Administrator.
12. Describe weak entity set.
13. Write notes on combo box control.
14. What do you mean by scope of a variable ?

SECTION – D

Write an essay on **any two** of the following questions : (2×5=10)

15. Write an essay on the architecture of DBMS.
16. Describe the fundamental operations in relational algebra.
17. Explain :
  - a) Alter and Update
  - b) Delete and Drop with examples.
18. Write in detail about the different types of operators in VB.