



K21U 0870

Reg. No. :

Name :



IV Semester B.Sc. Degree (CBCSS – Sup/Imp.) Examination, April 2021
(2014-'18 Admissions)
COMPLEMENTARY COURSE IN COMPUTER SCIENCE
4C04 CSC : Visual Programming

Time : 3 Hours

Max. Marks : 32

SECTION – A

1. **One word** answer. (6×0.5=3)
- a) In SQL, a _____ is a virtual table based on the result-set of an SQL statement.
 - b) An _____ helps to speed up select queries and where clauses, but it slows down data input, with the update and the insert statements.
 - c) In Visual Basic _____ provide a way to break up code into logical and reusable sections that can be called from other sections of Visual Basic code.
 - d) _____ method is used to specify the path of a picture to be loaded in a picture box.
 - e) _____ determines the table (or virtual table) the data control is attached to.
 - f) A database using a single table is called a _____

SECTION – B

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

- 2. What is a sequence in SQL ?
- 3. What is the difference between option button and checkbox ?
- 4. What is an event ? Name any three mouse events.
- 5. With the help of an example show how can we set the content of a text box at runtime.

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6. Distinguish between sequential and random-access files.
7. What is a frame ? How can we create frames in VB ?
8. What do you mean by debugging a VB application ?
9. How can you add data grid control in VB ?

SECTION – C

Answer **any three** of the following questions.

(3×3=9)

10. Explain aggregate functions in SQL.
11. Describe various events in the life cycle of a VB form control.
12. Explain various operators in SQL.
13. Write a procedure to read a variable from a sequential file.
14. What are the properties of a data control ?

SECTION – D

Answer an essay on **any two** of the following questions.

(2×5=10)

15. Explain the features of MDI.
16. Create a VB application to demonstrate various keyboard events.
17. Explain how can VB support graphics.
18. What are bound data tools and bound tool properties ? Explain in detail.