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B.C.A. (Part-I) Examination, 2022

PROGRAMMING IN VISUAL BASIC

Time Allowed : Three Hours

Maximum Marks : 50

Minimum Passing Marks : 20

Note : Attempt **all five** questions. **One** question from each unit is **compulsory**. **All** questions carry **equal** marks.

UNIT-I

1. Write a short note about various features of Visual Basic. [10]

OR

Explain the following :

(a) Events

(b) Methods

(c) Forms

UNIT-II

2. Write a short note about various important functions in Visual Basic. [10]

OR

Explain the following :

(a) Call by value and call by reference

(b) Concept of recursion

(c) Class module

UNIT-III

3. What is meant by MDI Application ? Explain menu editor. [10]

OR

Write a short note about graphics control and using graphic method.

UNIT-IV

4. Explain the following : [10]

(a) Debug menu

(b) Error handling routines

OR

Explain the following :

(a) User define data type

(b) Reading, writing and appending in file

UNIT-V

5. Write a short note about relational database and visual data manager. [10]

OR

Explain the following :

(a) Datagrid

(b) Data Combo

(c) Crystal Report Writer

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