Roll No. ....

D–3827

B. C. A. (Part I) EXAMINATION, 2020

(Old Course)

Paper Seventh

PROGRAMMING IN VISUAL BASIC

Time : Three Hours]　　　　　　[*Maximum Marks : 50*

　　　　　　　　　　　　　　[*Minimum Pass Marks : 20*

Note : Attempt any *two* parts of each Unit. All questions carry equal marks.

Unit—I

1. (a) Compare event driven programming vs. procedure oriented programming.

   (b) Define the following terms :

   　(i) Control

   　(ii) Properties

   　(iii) Event

   　(iv) Form

   　(v) Project

   (c) Write a VB program to generate multiplication table of any inputed number.

Unit—II

2. (a) Define array. Explain the types of array in VB.

   (b) Discuss the format function with example.

   (c) Differentiate between call by value and call by reference with example.

Unit—III

3. (a) Explain the tabbed dialog control, animation control and common dialog control in VB.

   (b) Differentiate between SDI and MDI.

   (c) How can we work with graphics control using graphic methods ?

Unit—IV

4. (a) What is Error ? Write the types of error.

   (b) Explain training program flow with call stack.

   (c) Discuss the writing and reading in sequential file.

Unit—V

5. (a) Write the differences between ADO, DAO and RDO.

   (b) How can we access data using data grid ?

   (c) Describe the concept of relational database.