

Roll No. ....

**CD-2857**

**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 from each question. All questions carry equal marks.

**Unit—I**

1. (a) What is GUI ? Explain procedure oriented and event driven programming.
- (b) Explain any *three* methods and events.
- (c) Write a program to generate series of natural number.

**Unit—II**

2. (a) Describe user define function and procedure.
- (b) Write a program to demonstrate the use of string handling function.
- (c) Explain various types of module with example.

Unit—III

3. (a) What is menu editor ? Explain its various applications.
- (b) Write short notes on the following :
  - (i) Watch Window
  - (ii) Local Window
- (c) What are the role of animation controls ? Explain by example.

Unit—IV

4. (a) How many types of errors are found in Visual Basic ? Describe on error go to statement.
- (b) Differentiate sequential file handling and random file handling.
- (c) Explain the types of error trapping tools.

Unit—V

5. (a) What is RDBMS ? Discuss about ODBC and its features.
- (b) Explain crystal report writer.
- (c) Differentiate DAO, ADO and RDO.