

**E – 1897**  
**P. G. Diploma in Computer Application**  
**( Second Semester ) Examination June-2021**  
**(Old Course)**  
**GUI – PROGRAMMING IN VISUAL BASIC**  
**(PGDCA-106)**

Time : Three Hours ]

[ Maximum Marks : 100

**Note :-** Attempt any two part from each question. All questions carry equal marks.

**UNIT-I**

- 1 a. What do you mean by Automatic code completion Feature? Explain code Navigation Feature of VB.?
- b. Explain any three IDE components of Visual Basic?
- c. What are merits and demerits of VB as a programming language? Explain.

**UNIT-II**

2. a. Write a visual basic code to calculate perimeter of rectangle.
- b. Describe In how many ways the arguments can be passed to the procedures in VB.
- c. What is the purpose of Exit and continue statement in control structure?

**UNIT-III**

3. a. What is menu? Explain the steps of creating a menu with a suitable example.
- b. What do you mean by debugging in a project? Explain the basic debugging techniques in VB.
- c. Explain the use of watch window, immediate window and local window.

**UNIT -IV**

4. a. Differentiate between sequential and random-access files.
- b. Explain methods to access all type of data files in VB
- c. What do you mean by ADODC? Why it is necessary for database connectivity.

**UNIT -V**

5. a. What is a Record Set? Explain List some common properties of a Record Set object.
- b. What do you mean by MDI? Write steps of How to create an MDI application on Visual basic.
- c. How Crystal reports are created in VB? Explain its steps.

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