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**E-1885**

**Diploma in Computer Application**

**(Second Semester)**

**EXAMINATION, May-June, 2021**

**(New Course)**

**GUI—PROGRAMMING IN VISUAL BASIC**

**(DCA—105)**

*Time : Three Hours ]*

*[ Maximum Marks : 100*

*[ Minimum Pass Marks : 33*

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

**Unit—I**

1. (a) Explain the properties, events related and method with Button, List Box and Combo Box in VB.
- (b) Explain data conversion function in VB with suitable example.
- (c) What do you mean by Event Driven Programming ? Write the features of VB.

**Unit—II**

2. (a) Discuss the working and syntax of Do Loop, While Loop and For Loop.

- (b) Explain mouse events with example.
- (c) What is control array ? Explain its working with example.

**Unit—III**

3. (a) Differentiate call by value and call by reference with example.
- (b) Write about class module and form module.
- (c) Explain user defined function with appropriate example.

**Unit—IV**

4. (a) Describe any *two* advanced controls with events and methods.
- (b) What is multiple file selection ? Explain in brief about accessing a child forms.
- (c) Write a program in VB to create a top down menu or an effective menu.

**Unit—V**

5. (a) What is Data Control ? Explain all types data control in VB.
- (b) What do you understand by record set ? Write the step for creating a record set.
- (c) Write note on visual data manager and concept of ODBC.

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