

Roll No. ....

[ 2 ]

- (b) What is the use of MsgBox in VB ? What are the various options available while using MsgBox ?
- (c) Describe various key and mouse events.

**D-1774**

**Diploma in Computer Application  
(Second Semester) EXAMINATION, 2020**

(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 Event Driven Programming with suitable example.
- (b) Write a program in VB to check given number is prime or not.
- (c) Discuss data types and scope of variables in VB.

**Unit—II**

- 2. (a) What are conditional statements ? Explain various types of conditional statements available in VB with example.

**Unit—III**

- 3. (a) Explain need of function with example.
- (b) Explain date and time functions available in VB.
- (c) Differentiate call by value and call by reference.

**Unit—IV**

- 4. (a) Explain the use of progress bar with appropriate example.
- (b) Write a note on SDI and MDI.
- (c) Define menu. How to create popup menu in VB ? Explain with example.

**Unit—V**

- 5. (a) Write the step for connecting to the database using ADO.
- (b) What is SQL ? Explain the concept of ODBC.
- (c) Explain the various objects of RDO data control. Write down the various steps of frontend and backend connectivity.

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**(B-18) P. T. O.**

**(B-18)**