

Roll No.

D-1774

**Diploma in Computer Application
(Second Semester)
EXAMINATION, Dec.-Jan., 2020-21
(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) What do you understand by event-driven programming language ? Differentiate it with procedural programming language.
- (b) What do you mean by Integrated Development Environment ? Write its utilities in VB.
- (c) What do you mean by variable and constant ? Explain various data types available in VB.

Unit—II

2. (a) What are various control structures available in VB ? Explain at least *two* with examples.

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- (b) Write a program to find greatest number out of three number using nested if else condition.
- (c) What do you understand by a control array ? Explain with the help of suitable example.

Unit—III

- 3. (a) Explain any *five* strings related functions in VB.
- (b) What do you understand by call by value and call by reference ? Explain with an example.
- (c) Write a function which will accept a number and return factorial of the given number.

Unit—IV

- 4. (a) What is tool bar, status bar and menu bar ?
- (b) Explain SDI and MDI form with example.
- (c) What are the animation controls in VB ? Explain any *one* with example.

Unit—V

- 5. (a) Write the difference between ADO, DAO and RDO controls.
- (b) What is the use of ODBC in VB ? Explain with example.
- (c) What is crystal report ? Make difference between crystal report and data report.