

DD-1003

Diploma in Computer Application (Second Semester) EXAMINATION, 2020

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 is IDE ? Explain all elements of IDE.
- (b) What is event in Visual Basic ? Explain it and differentiate event driven programming and procedure oriented programming.
- (c) Describe data types of Visual Basic.

Unit—II

2. (a) Explain any *two* types of conditional statement with *one* example of program.
- (b) Write a program to find out factorial of any given number.
- (c) What is Control Array and Array ?

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Unit—III

3. (a) Explain call by value and call by reference with example.
- (b) Describe class module and form module and their uses in programming.
- (c) Explain any *two* format functions and string related function.

Unit—IV

4. (a) Write short notes on the following :
 - (i) Common dialog control
 - (ii) Animation control
- (b) What is menu and pop up menu ? Write steps to create menu.
- (c) Explain graphics control and graphics methods.

Unit—V

5. (a) Discuss the role of ODBC in database programming with example.
- (b) Write short notes on the following :
 - (i) Visual data manager
 - (ii) ADO
- (c) Explain connection object and common object.