ED-1003

DCA 2nd Semester
Examination, May-June 2021

DCA - 105

GUI — Programming in Visual Basic

Time : Three Hours]   [*Maximum Marks* : 100
[*Minimum Pass Marks* : 33

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

Unit-I

1. (*a*) What is GUI ? Explain any three properties of table, text box and Command Button Control.

(*b*) What do you understand by methods and events of Visual Basic through example.

(*c*) Describe various types of operators of VB.

(2)

Unit-II

2. (*a*) Write a program to print even number series upto nth term.

(*b*) Differentiate while and do....while and also give on example of program for while loop.

(*c*) Write short notes on the following :

(*i*) Control array

(*ii*) Key and mouse event

Unit-III

3. (*a*) Explain class module and form module with an example.

(*b*) What is procedure and function ? Discuss any two library functions.

(*c*) Describe recursion by giving one example of program.

Unit-IV

4. (*a*) Write short notes on Common Dialog Control.

(*b*) Explain MDI and SDI with example.

(*c*) Write short notes on the following :

(*i*) Dtpicker

(*ii*) Graphics control

(Continued)

Unit-V

5. (*a*) What is SQL ? Explain any five SQL commands.

   (*b*) Explain ADO, RDO and DAO in short.

   (*c*) Describe Visual Data Manager in brief.

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