



## **ED-1009**

PGDCA 2nd Semester  
Examination, May-June 2021

PGDCA - 106

GUI — Programming in Visual Basic

*Time* : Three Hours]      [*Maximum Marks* : 100

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

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### **Unit-I**

1. (a) Explain property, methods and events by an example.
- (b) Write a program to calculate factorial and simple interest in a single form using two different buttons.
- (c) Write a program to demonstrate the use of message box and input box.

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**Unit-II**

2. (a) Write a program to print following pattern :

```
*   *   *  
  *   *  
   *
```

- (b) Differentiate While and Do...While loop.  
Write a program to generate odd and even number series upto  $n$  term.
- (c) Write short notes on the following :
- (i) Working with dates and time
  - (ii) Format function

**Unit-III**

3. (a) Write short notes on the following :
- (i) Inline error handling
  - (ii) Error handling style
- (b) Write steps to create Active X Control.  
What are the advantages of Active X Control ?
- (c) Write short notes on the following :
- (i) Immediate Window
  - (ii) Watch Window

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**Unit-IV**

4. (a) Write steps to manipulate data using form wizard.
- (b) How can we access data using ADO Data Control ?
- (c) Differentiate among ADO, DAO and RDO.

**Unit-V**

5. (a) How many types of reports generate in visual Basic and explain any one.
  - (b) Explain all mouse events.
  - (c) Differentiate between MDI and SDI with an example.
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