



## FD-1009

PGDCA 2nd Semester  
Examination, May-June 2022

PGDCA - 106

# GUI — Programming in Visual Basic

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

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

## Unit-I

1. (a) Describe automatic code completion features of Visual Basic.
- (b) Differentiate between MsgBox Function and InputBox Function.
- (c) What do you understand by event-driven programming? Discuss controlling objects.

## Unit-II

2. (a) What are user-defined data types ?  
Explain working with procedures.
- (b) Write a program in Visual Basic to perform the given pattern :

```
1
2   3
4   5   6
7   8   9   10
```

- (c) Discuss select case statements with the suitable example.

## Unit-III

3. (a) Differentiate between Combo Box and List Box.
- (b) What are Standard Controls ? Discuss advanced standard controls.
- (c) Describe error handling process and styles.

## Unit-IV

4. (a) Explain the concept of the extended text editor with suitable example.
- (b) What are Active-X data objects ? Discuss data access features of visual basic.
- (c) Describe manipulating data using data form wizard.

**Unit-V**

5. (a) Explain the utility of Data Environment Designer.
- (b) Write short note on Crystal Report Generator.
- (c) Discuss Date Time Control, Calender and Print Dialog.
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