

# VISUAL BASICS

Time : Three Hours

Maximum Marks : 90

**Note :** Total **five** questions are to be attempted. Select **one** question from each unit. Question No. 1 is compulsory.

## Compulsory Question

1. Attempt all the following :
- (a) What is the purpose of immediate window ?
  - (b) Differentiate between Implicit and Explicit variables.
  - (c) Differentiate between InputBox and MsgBox.
  - (d) How arrays can be declared and defined in VB ?
  - (e) Differentiate between Call by value and Call by reference.
  - (f) How can you add multiple forms in VB and how can you set up a form other than formal to be executed first.
- 6×3=18

## SECTION-I

2. (a) Explain Tool Box in the IDE of VB in detail. 9
- (b) Differentiate between Procedural, Even-driven and Object-oriented languages.
3. (a) Explain the following in brief : 9
- (i) Form Layout Window
  - (ii) Project Explorer Window
  - (iii) Property Window
- (b) Explain any six types of projects that can be developed in VB, in brief. 9

## SECTION-II

4. (a) Describe various types of operators in VB with the help of appropriate examples. 9

- (b) What is a constant ? Explain various types of constants in detail. 5
5. (a) Describe various ways for inputting data in VB with suitable examples. 9
- (b) Explain the scope and lifetime of variables in VB. 9

### SECTION-III

6. Differentiate between the following :  
(i) Do-while loop and While-wend loop.  
(ii) If-the-else and Select-case.  
(iii) Do-while loop and Do-until loop. 18
7. What is a collection ? How can you create a collection in VB ? Explain various properties and methods within a collection with the help of suitable examples. Also explain why collection is better than arrays. 18

### SECTION-IV

8. What is procedure ? Explain various types of procedures in detail. What is Form\_load event ? When it is executed ? What type coding must be written within this event ? Explain with examples. 9
9. Write a program in VB consisting of two menus, i.e. file and edit. The file menu must consist of new, open and save. The edit menu consist of cut, copy and paste. In each of the menu coding should just message that you have clicked (name of button). Also show the design of form and how will you create this form. 18