

**BCA/M-21**

**1903**

**ADVANCED PROGRAMMING WITH VB**

Paper–BCA-365

Time Allowed : 3 Hours]

[Maximum Marks : 80

**Note** : Attempt **five** questions in all, selecting **one** question from each Unit.  
Question No. **1** is compulsory. All questions carry equal marks.

**Compulsory Question**

1. Write short notes on the following :

- (i) Form\_Load Event.
- (ii) Progress Bar Control.
- (iii) File Operations.
- (iv) Data Bound Controls.

**UNIT–I**

- 2. (i) Write a program in VB to create Employee Collection and retrieve items from it.
- (ii) Explain Code for adding multiple forms in VB.
- 3. (i) Explain Loading and Unloading forms in VB.
- (ii) What are Activate and Deactivate events? Give examples.

**UNIT–II**

- 4. Create an application in VB for Menu Editor which allows you to edit texts with Cut, Copy, Paste and Colour the text as Red, Blue, Green, Yellow etc. with two menu items Edit and Format. Explain the procedure in detail.
- 5. Explain the following with examples :
  - (i) Slider Control.
  - (ii) Coolbar.

**UNIT–III**

- 6. What are Sequential and Random files? How can we view Data in a file? Write steps to create a Sequential file.

7. (i) Explain different Graphics properties in VB with the help of suitable examples.
- (ii) Write a program in VB to draw a Smiley.

#### **UNIT-IV**

8. Explain the following with examples :
  - (i) ActiveX Data Object.
  - (ii) Remote Data Object.
9. Create a Customer table with attributes Name, Street, City, State, Phone in MS Access and connect using ADO control and view the data in Datalist, DataCombo and DataGrid.

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