BCA/M-20   **1903**
ADVANCED PROGRAMMING WITH VB
BCA-365

Time : Three Hours]   [Maximum Marks : 80

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

1. Write short notes on the following :

    (a)   Image List Control

    (b)   Coolbar

    (c)   Reading and Writing a Random File

    (d)   Data Access Mechanisms in VB.

Unit I

2. What do you mean by Collection ? How can we add and remove items in a Collection ? Explain with the help of a sample program.

3. (a)   Write a well documented program in VB to create forms at runtime.

(b) What is a Form_Load event ? Explain difference between Form_Load event and Active events.

Unit II

4. (a) What is Menu Editor ? Write steps to create menu items in VB.

(b) Write a program in VB to change fonts and colors at runtime.

5. (a) What is Tree View Control ? Write a procedure to create Tree View at runtime.

(b) Write short notes on the following :
   (i) Rich TextBox Control
   (ii) Status Bar Control.

Unit III

6. (a) Explain various commands for Opening and Closing Data files.

(b) Write a program in VB for Reading and Writing a sequential file.

7. Explain different types of Graphic methods in VB with examples.

Unit IV

8. (a) What are Data Controls ? Explain different Data Bound Controls in VB.

   (b) Explain different methods to modify database by using Recordset.

9. Create a sample College Database with attributes Teacher number, Course, Salary and Create VB application to add records, delete records and modify records of Teachers with the help of ADO control with steps.