BCA/M-18
ADVANCED PROGRAMMING WITH VISUAL BASIC
Paper: BCA-365

Time: Three Hours   Maximum Marks: 80

Note: Q. No. 1 is compulsory. In addition to that attempt four more questions, selecting one question from each Unit. All questions carry equal marks.

Compulsory Question

1. (a) Explain any two properties of a form.
   (b) What do you mean by a form-load event?
   (c) How can you add access character to a menu item?
   (d) What is the difference between toolbar and coolbar?
   (e) Write the syntax to create a circle in VB.
   (f) What do you mean by LOF and EOF?
   (g) Enlist the various data bound controls.
   (h) Which data control can be used for remote access?

UNIT-I

2. Write a program in VB which creates a collection and show various types of processing such as adding an item, removing an item, counting the items and displaying the items in a collection.

3. (a) Write and explain the purpose of the following in VB :
   (i)   Load and unload statement
   (ii)   Activate and deactivate events.

   (b) Explain drag and drop operation in a form with the help of a small VB program.

UNIT-II

4. Explain the following in detail :
   (i) Common Dialogue Box
   (ii)   Rich Text Box Control.

5. Write a program in VB having menu items File and Edit. Insert New, Open, Save under File menu, and Cut, Copy, Paste under Edit menu. Write the coding for the submenus under edit menu, show the design, and explain the procedure to create this project.

UNIT-III

6. How many types of files can be created in VB? Explain the use of each type of file using suitable examples.

7. Write a VB program for drawing a rectangle filled with blue colour on the form. The starting point of the rectangle is at place where mouse first get down and move to the end point when mouse get released.

UNIT-IV

8. Explain various methods of connecting database with VB. Which of the methods is most suitable to different type of databases? Explain its major properties and methods in detail.

9. Write a program in VB to read and write the employee records from a database. How can you update the database using VB program? Explain using data access objects.