MCA/ D-13

VISUAL PROGRAMMING

Paper-MCA-302

Time allowed: 3 hours]   [Maximum marks: 80

Note : (i) Question No. 1 is compulsory.
            (ii) In addition to that attempt four more questions selecting one question from each unit.
1. Compulsory Question
  (a) Why VB is called event driven programming language?
  (b) What is the difference between 'for and for each?
  (c) Give difference between arrays and dynamic arrays. How they can be created in Visual Basic ? Give Syntax.
  (d) What is explicit and implicit declaration?
  (e) List some file controls.
  (f) Discuss the two main properties of Data control.
  (g) State the different types of modules.
  (h) What is ActiveX document?   8X3=24

Unit—I

2. (a) Discuss the different String operations in vb.   8

  (b) Explain input box () & msg box 0 with example.

3. Explain all Looping statements in vb. Also write the code to print the Fibonacci series with design interface.   14

Unit-II

4. (a) How can you create your own Menu Bar in VB? Explain with example.   7

  (b) What is common dialog control? Explain all methods and properties with example.   7
5. (a) Differentiate the following with example :
      (i) Text box and rich text box
      (ii) Toolbar and Cool Bar
      (iii) Status Bar and Progress Bar   12

  (b) Write the methods and properties of Slider Control.   2

Unit—III

6. (a) Discuss graphics methods in detail.   10

  (b) Discuss Get & Put methods with example.   4

7. What are different types of files? How to read and write a random access file? Explain with example.14

Unit-IV

8. (a) . Differentiate Active XEXE & Active XDLL.   4

    (b) What is Data control ? Explain Data Bound Controls.   6

    (c) How to use internet transfer control ?   4

9. (a) How can you access data by using ADO control ?   7

    (b) Discuss OLE in detail.   7