6.1.12

Roll No. ....   Total No. of Pages : 2

MCA/D11   4527

Visual Programming

Paper : MCA–302

Time : Three Hours]   [Maximum Marks : 80

Note :— Q. No. 1 is compulsory. In addition, attempt exactly
         ONE question from each Unit.

(Compulsory Question)

1. Differentiate between the following :

    (i)   List Box and Combo Box

    (ii) Function and Sub

    (iii) SDI and MDI forms

    (iv) Coolbar and Toolbar

    (v)   Sequential and Random files

    (vi) RGB and QBColor method

    (vii) ActiveX EXE and ActiveX DLL

    (viii) ADO and DAO.   8×3=24

UNIT–I

2. (a) How can you say that VB is an object-based event-driven
         language ?   8

    (b) Explain (i) Label Box (ii) Command Button (iii) Frame in detail.
                                                         6

3. (a) Discuss various I/O statements, functions and controls in VB
         with the help of suitable examples.   7

    (b) How arrays can be used in VB ? Explain with suitable examples.
         How can we create dynamic arrays ? Explain.   7

4527   Contd.

UNIT-II

4. Write a program in VB having menu items such as File, Edit and Format, Implement New, Open, Save under File menu, Cut, Copy, Paste under Edit menu and Bold, Italic, etc. under Format menu. Write the coding, show the design, and explain the procedure to create this project. 14

5. Write short notes on :

    (i)   Scroll Bar

    (ii) Tree View

    (iii) RichText Box

    (iv) Progress Bar. 14

UNIT-III

6. (a) Write a program in VB to read the contents of a Binary file and store them in another file after encryption. 7

    (b) How can you draw freehand with mouse in VB ? Explain with suitable example. 7

7. Explain the working of modules and class-modules with the help of appropriate examples. 14

UNIT-IV

8. (a) How can you create and use Active-X control ? Explain with example. 7

    (b) Discuss object models of DAO, RDO and ADO in brief. 7

9. (a) Write a program in VB to send and receive e-mail. 7

    (b) Write a short note on OLE. 7