MCA/D08   6330

Windows Programming with Visual C ++

Paper : MCA-305

Time : Three Hours]   [Maximum Marks : 50

Note :– Attempt **FIVE** questions, selecting atleast **ONE** question from each unit.

UNIT–I

1. (a) What are Windows Programming ? How these are different from traditional programming ? Explain through suitable examples.

                                                                    5

    (b) Write notes on X-windows with examples.   5

2. (a) What is Menu ? How is it created and used in VC ++ ? Discuss with examples.   5

    (b) Write a program in VC ++ for handling mouse.   5

3. Write short notes on the following with examples.

    (a) DEF files   (b) Pop-up Menus

    (c) DLL files   (d) Windows APL.   10

UNIT–II

4. Explain the following with examples :

    (a) Dialog Boxes

    (b) List Boxes

    (c) Psychic Windows.   10

5. Explain the following with examples :

   (a) Window controls

   (b) Static controls

   (c) Edit controls.   10

6. Write short notes on the following with examples :

   (a) Bit maps

   (b) Windows Animation

   (c) Font Display.   10

UNIT–III

7. Write a program in VC ++ to implement the following :

   (a) To display text in the centre of Window.

   (b) Deletion of items in a list box.   10

8. How can you display the current mouse co-ordinates in status bar ? Explain in detail with program examples.   10

9. (a) Explain the structure and coding conventions of windows programming with examples.   5

   (b) Explain the various control structures in VC ++ with examples.   5

10. (a) Write a program in VC ++ to create a window with a maximize and minimize button.   5

    (b) Explain the Graphics device Interfaces with examples.   5