

WINDOWS PROGRAMMING

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP - A

(Multiple Choice Type Questions)

Choose the correct alternatives for the following :

10 × 1 = 10

- i) The WM_COMMAND message is generated when
- a) left button of the mouse is clicked
 - b) any menu item is selected
 - c) any key of keyboard is passed
 - d) none of these.
- ii) The GetStockObject() function retrieves the
- a) handle of the application
 - b) handle of the device context of window client area
 - c) handle of any system object like pen, font
 - d) none of these.

- iii) A complete window application requires
- a) three files
 - b) two files
 - c) one file
 - d) four files.
- iv) To retrieve the messages that sent to the application the function is
- a) GetMessage()
 - b) WaitMessage()
 - c) DispatchMessage
 - d) None of these.
- v) The header file which includes for windows application is
- a) <stdio.h>
 - b) <windows.h>
 - c) <winmain.h>
 - d) <conio.h>
- vi) What is the full form of MFC ?
- a) Multiple Frame Command
 - b) Module Frame Class
 - c) Microsoft Foundation Class
 - d) Microsoft Frame Class.
- vii) The module definition (.DEF file) is used by the compiler to set
- a) memory option
 - b) linker
 - c) compiler
 - d) execute.
- viii) To register a window class the function used is
- a) RegisterWindow
 - b) RegisterWindowClass
 - c) RegisterClass
 - d) Register.

8. a) What is child window ? Explain about child window control classes.
- b) What is the difference between class and structure ?
- c) What do you mean by inheritance ?
9. a) What is Dialog Box ? How does the dialog box work ?
- b) What is the difference between the modal and modeless dialog boxes ?
- c) What is the purpose of the WM_INITDIALOG message ?
- d) Create a dialog box that takes two integer input from the end user. Then when end user clicks on the ADD button, then sum value of the two numbers are shown. $(1 + 2) + 4 + 2 + 6$
10. a) How to create a listbox ?
- b) How to add string in the listbox ?
- c) How to retrieve a selected item from the listbox ?
- d) What is the meaning of the PRELOAD and LOADONCALL keywords ? $6 + 2 + 3 + (2 + 2)$
11. Write short notes on any *three* of the following : 3×5
- a) PostQuitMessage()
- b) MFC
- c) MessageBox()
- d) Windows Memory Management
- e) DefWndProc()