

**18494**

**M.Sc. / MCA 5th Semester Examination,  
January-2009**

**WINDOWS PROGRAMMING**

**Paper-MCA-23**

*Time allowed : 3 hours ] [Maximum marks : 75*

*Note : Attempt any five questions. All questions carry equal marks.*

1. Discuss the variable naming conventions used in windows programming. Give suitable examples.
2. Discuss the windows API functions to detect whether a mouse is present or not and the number of buttons present on the mouse.
3. What is the keyboard accelerator key ? Write a program to select a menu item using the keyboard accelerator key.
4. Discuss the steps to create a menu using resource editor.
5. What are the parameters passed to WinMain() ? What are their significances ? Explain.
6. What do you understand by a tool tip ? Write a program to display a tool tip when the mouse cursor pauses over a control.

**18494-2,500-P-2-Q-8-(08)**

{P.T.O.