

Windows Programming
(IT-303, Dec 2005)

Note: Section A is compulsory. Attempt any four questions from Section B and any two questions from Section C.

Section-A

- a) List different memory models available in windows.
- b) Can you change menus during runtime using API? If yes specify function names.
- c) What are device context classes?
- d) List out contents which does not have events?
- e) Explain the use of WM_SET CURSOR message.
- f) What are cursor handlers?
- g) How can you run program from file manager.
- h) What are check boxes?
- i) How midpoint (x,y) of a window is calculated in any program language?
- j) How can you copy text from non windows application to windows application?

Section-B

2. Illustrate how you can change the shape of a mouse cursor?
3. Write a program in any program language that creates destroys button during execution.
4. Explain how messages are generated in windows environment with the help of suitable example?
5. What is memory API? Compare local memory allocation and global memory allocation?
6. Explain how dynamic link libraries enhance the functioning of operating system?

Section-C

7. Write a program in any language that generates a pop menu at position where right mouse button is clicked.
8. What is child window? Explain different steps and controls involved in creation of child window.
9. Write a short note on
 - i) Buffered file I/O
 - ii) Dialog box
 - iii) Icon handlers

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