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ANNA UNIVERSITY
COLLEGE OF ENGINEERING
B.E./B.Tech DEGREE EXAMINATIONS, APRIL/MAY 2012
INFORMATION TECHNOLOGY - VI SEMESTER
R-2004

IT385 - VISUAL PROGRAMMING

Time: 3 Hours

Maximum Marks: 100

Answer All Questions
PART - A (10 x 2 = 20 Marks)

1. Give the significance of Hungarian notations?
2. What is an handle to a window?
3. Mention the uses of Class Wizard?
4. How WM_CHAR messages are handled?.
5. Mention the base classes and any two member functions associated with tree and tab control.
6. List the features available in a dialog editor.
7. What are modeless dialogs? Give its use.
8. What are keyboard accelerators?
9. What are splitter windows? Give the base MFC class for Splitter windows.
10. Mention any two WinInet MFC classes linked with FTP and Gopher.

PART - B (5 x 16 = 80 Marks)

11. a) (i) Write short notes on the various ways of acquiring GDI objects. (8)
(ii) Write a simple windows program that handles scrollbar messages. (8)
12. a) (i) Write a program with two menus one for computing simple interest and the other for computing compound interest. Get the inputs principal amount, interest rate and years from the user. (16)

OR

- b) (i) Discuss about creation of bitmap resources and displaying BMP files with a sample program. (16)
13. a) (i) Briefly explain the base class, properties and methods associated with any four basic controls used in VC++6.0. (16)

OR

- b) (i) Write a program that gets a range (e.g. 0 to 1) from the user and manipulates a slider control. Also write a procedure that collects drives, directories and files in a computer and displays in a tree control. (16)

14. a) (i) Write a program in VC++ that explains how to create and work with model dialog windows. (16)

OR

b) (i) Describe how to works with tool bars with sample codes. (16)

15. a) (i) Explain the steps involved in creating a custom control DLL and its usage using a program. (16)

OR

b) Write a short note on the following:

(i) ODBC architecture. (8)

(ii) MFC WinSock classes. (8)