

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Q 2328

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2007.

Fifth Semester

Information Technology

IF 353 — VISUAL PROGRAMMING

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Name any four properties of a window and state its use.
2. What is Hungarian notation? Give two examples.
3. Differentiate classes and objects.
4. Give the use of any four properties of data control.
5. What is device context?
6. Define ActiveX control.
7. What are keyboard accelerators and how will you create them?
8. What is splitter window? Write the parameters needed to create splitter window.
9. Differentiate dyna set and snap shot.
10. How is dynamic data transfer achieved?

PART B — (5 × 16 = 80 marks)

11. (a) Explain any five window messages and explain the use of the messages.

Or

- (b) Write a program to create a window and to display the same. Explain the functions used in the program.
12. (a) What is a form in VB? Explain any five controls with respect to two member functions associated with the controls.

Or

- (b) Write a program to create a student data base and provide options to insert, delete, update the database.
13. (a) (i) Explain one of the constructors of CFontDialog and explain any two methods associated with CFontDialog. (3 + 5)
- (ii) Write a program to create a modeless dialog and display the same. Compare with windows common dialogs. (8)

Or

- (b) (i) Explain any four classes to create a device context.
- (ii) Explain any four MFC classes associated with a single document applications and explain any one method associated with each MFC class.
14. (a) (i) Using Rich Edit Control write a program to implement an editor. Provide copy and paste option, option to delete a line and an option to bold characters. (10)
- (ii) Explain how you will write in an existing status bar. (6)

Or

- (b) (i) Explain the MFC class and its associated methods for reading and writing documents.
- (ii) Explain the messages associated with a menu item and how will you create a menu.
15. (a) Develop a DLL and write an Exe to use the DLL.

Or

- (b) Explain how you will insert and delete from a database using ODBC. Explain the necessary MFC class and methods.