

Reg. No. :

**T 3175**

B.E./B.Tech. DEGREE EXAMINATION, APRIL/MAY 2008.

Sixth Semester

Information Technology

CS 1253 — VISUAL PROGRAMMING

(Regulation 2004)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Mention any two functions provided by Windows for text output.
2. What are GDI primitives?
3. What is MFC?
4. Differentiate modal and modeless dialog boxes.
5. What are keyboard messages? Mention the different keyboard messages with their meaning.
6. What do you mean by DLL?
7. How do ActiveX controls differ from ordinary Windows control?
8. What is COM?
9. What is meant by threading?
10. What is WinInet API?

PART B — (5 × 16 = 80 marks)

11. (a) Explain the concept of Windows programming with a sample program.

Or

- (b) Explain scroll bar creation in Windows.

12. (a) (i) Explain the sequence of steps that take place when a MFC based Windows program gets executed? (8)  
(ii) Write notes on Event handling. (8)

Or

- (b) Explain the Windows common controls in detail.  
13. (a) Explain the various menu activities that can be added to a Windows program.

Or

- (b) Explain reading and writing MDI documents with an illustration program in VC++.  
14. (a) Write a VC++ program to create an ActiveX control that lets the user type text into it.

Or

- (b) Create an OLE container program.  
15. (a) Write a program to print the maximum value of an array using thread.

Or

- (b) Explain the following :  
(i) VC++ Networking Issues (8)  
(ii) IIS. (8)