

Reg. No. :

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**R 3245**

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

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. Define Event Driven Programming.
2. How will you display text in windows programming?
3. List any four MFC utility classes.
4. Give the code to MAP WM\_CREATE message to CMyView class directing from CView.
5. What is the job of DllMain in DLLs?
6. What is the application of splitter window?
7. What is the purpose of using ActiveX Controls?
8. Define COM.
9. What is the function of Internet Information Server?
10. How will you create threads in VC++?

PART B — (5 × 16 = 80 marks)

11. (a) Write an overview of Windows Programming.

Or

- (b) (i) Write a windows program to create and modify user defined menus. (10)  
(ii) How will you modify system menu using windows programming? (6)

12. (a) Discuss in detail the steps involved in creating an MFC application with scroll bars and display "Hello World" and explain each function.

Or

- (b) (i) Write a VC++ program to create and display modal and modeless dialog boxes. (12)  
(ii) Differentiate Modal and Modeless dialog boxes. (4)

13. (a) Write a VC++ program to illustrate menus and keyboard accelerator in both DOC/View.

Or

- (b) Explain SDI and MDI environments in detail.

14. (a) Write a program to create ActiveX control to conduct quiz program with 5 questions and use it in the application.

Or

- (b) What is OLE? Explain its features with suitable example. (16)

15. (a) (i) Highlight the features of DAO. (8)

- (ii) How would you display database records in a scrolling view? (8)

Or

- (b) Explain how database connectivity can be achieved using ODBC. Write necessary coding and also write coding to query the database.