

Reg. No. :

Question Paper Code : P 1208

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2009.

Fourth Semester

(Regulation 2004)

Computer Science and Engineering

CS 1253 — VISUAL PROGRAMMING

(Common to Sixth Semester Information Technology)

(Common to B.E. (Part-Time) Third Semester Regulation 2005)

Time : Three hours

Maximum : 100 marks

Answer ALL questions

PART A — (10 × 2 = 20 marks)

1. List and explain some combo box control notification messages.
2. What is the use of pen gdi object?
3. List the MFC classes connected with font and color.
4. Explain the use of month calendar control.
5. What is the use of splitter windows?
6. Explain in brief the rich edit box control.
7. What are ActiveX controls?
8. Explain how a word document can be inserted to a vc++ application.
9. What are the DAO MFC classes?
10. What are the advantages of wininet control over winsock control?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain in detail how user interactions are handled by the Windows OS. (8)
(ii) List and explain the windows TextOut and DrawText functions used for displaying text. (8)

Or

- (b) Write a windows program to draw a rectangle and color it. (16)

12. (a) (i) Explain in detail the features of the MFC library application framework. (8)
(ii) Explain in detail the Visual C++ components. (8)

Or

- (b) (i) Explain the message map architecture in detail. (8)
(ii) Write notes on the various Mapping Modes. (8)

13. (a) Write a program and explain the creation of a Menu Resource in detail. (16)

Or

- (b) What are DLLs? Write a sample program to create a user defined DLL. (16)

14. (a) (i) Explain in detail The Component Object Model. (8)
(ii) Write a program for implementing a simple ActiveX control. (8)

Or

- (b) (i) Explain OLE Drag Drop in detail. (8)
(ii) Explain the use of OLE container control with an example. (8)

15. (a) Explain in detail how database management is done using MFC ODBC with an example program. (16)

Or

- (b) Write notes on the following :
(i) Winsock Control. (8)
(ii) ISAPI. (8)