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Reg. No. : | | | | | | | | | | | | |

Question Paper Code : 65048

5 Year M.Sc. DEGREE EXAMINATION, MAY/JUNE 2013.

Seventh Semester

Computer Technology

XCS 474 – VISUAL PROGRAMMING

(Common to 5 Year M.Sc. Software Engineering / 5 Year M.Sc. Information Technology)

(Regulation 2003)

Time : Three hours Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are GDI primitives?
2. Mention any two functions provided by Windows for text output.
3. List and explain the methods used to manage forms in Visual Basic.
4. What is an active control?
5. Differentiate modal and modeless dialog boxes.
6. Define application framework of MFC.
7. What is OLE?
8. What is COM interface?
9. Most software that we run on our PCs today is feature centric rather than goal centric - Explain.
10. Why is interoperability very much opted in visual environment?

PART B — (5 × 16 = 80 marks)

11. (a) Writ a note on

    (i) WinMain procedure (8)

    (ii) Display box controls. (8)

Or

(b) Write a windows program to draw different shapes and explain. (16)

12. (a) (i) Write a VB program segment that will display the characters in reverse order. (8)

(ii) Give the relationship between properties, methods and events. (8)

Or

(b) List the intrinsic controls in VB and also give prefixes. (16)

13. (a) (i) Write a note on the components of VC++. (8)

(ii) Write a VC++ program to handle windows messages. (8)

Or

(b) (i) Write a VC++ program to display a modeless dialog box when the user wishes to display / delete an event trigger. (10)

(ii) Explain the concept of creating and managing menu in VC++. (6)

14. (a) Explain the process of OLE automation. (16)

Or

(b) Write a note on dynamic link libraries. Explain with a program the creation of user defined DLL. (16)

15. (a) (i) What are the steps involved in designing visual interface? Explain. (8)

(ii) What is interoperability? How will you accomplish it in visual programming environment? (8)

Or

(b) Write a note on

(i) File system (8)

(ii) Simultaneous Multiplatform development. (8)
