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Question Paper Code : Z 9355

5 Year M.Sc. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2009.

Seventh Semester

Computer Technology

XCS 474 — VISUAL PROGRAMMING

(Common to 5 Year M.Sc. Software Engineering and 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 the advantages of visual programming environment?
2. What are the components of SDK tool?
3. Why does one require MDI?
4. What is an event? Give a citation for it.
5. What is serialisation?
6. When does one prefer modeless dialog?
7. What is the advantage of dynamic link library?
8. What is the remedy one is prompted with the following in monitor while using a computer 'some dynamic link library is missing'?
9. What are the advantages of GUI?
10. How is data shared by Multi platform environment?

PART B — (5 × 16 = 80 marks)

11. (a) What are the various design methodologies of GUI? What are its advantages and limitations?

Or

- (b) Using an appropriate example discuss simultaneous multi platform development applying visual programming.

12. (a) How does one create user defined DLL's? What are its advantages? Cite an application where this is an added advantage.

Or

- (b) How is object linked and embedded? Explain with a suitable coding for the above.

13. (a) Explain with coding how to handle events. What are the VC++ components used for developing an application with visual programming concepts?

Or

- (b) What are the splitter windows? What are its application? How is coordination possible with various windows?

14. (a) Using visual basic develop a sequence to create menu and tool bars.

- (b) What are the salient features of Active X controls? Explain its strength with a better citation.

15. (a) List out the salient features of windows programming discussing the resources and events.

Or

- (b) What is content? How to design and develop programs using SDK? How is it better than conventional programming style and methodology? Support with suitable evidence.