

E 8234

M.C.A. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2005.

Fourth Semester

CA 243 — VISUAL PROGRAMMING

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. List the different data types supported by windows programming.
2. List any four resources.
3. What is a message?
4. What is device context?
5. What is context help?
6. How is dynamic data transfer achieved?
7. What is a form?
8. What is document view architecture?
9. What is a modal dialog?
10. How are modeless dialogs displayed?

PART B — (5 × 16 = 80 marks)

11. (i) What are the goals of user interface design? (8)
- (ii) Explain the design of visual Interface. (8)

12. (a) (i) Compare the traditional programming paradigms. (10)
(ii) Explain any six data bound controls in detail. (6)

Or

- (b) Explain any six window messages and their role in detail.
13. (a) Using data control develop an application to achieve data base connectivity and to implement database operations. (16)

Or

- (b) (i) Explain the file system controls. (10)
(ii) Write a VB program to demonstrate animation. (6)
14. (a) (i) Explain serialization with an example. (8)
(ii) Write a program to create a MDI application. (8)

Or

- (b) (i) Write a program to 300 m a rectangle as mouse moves using VC ++. (8)
(ii) Write a program to change color according to the position of mouse. (8)
15. (a) (i) Explain the DLL creation process using VC ++. (6)
(ii) Develop a DLL to draw a rectangle and use the DLL in an another program. (10)

Or

- (b) Develop an application using ODBC to perform database operations using VC++. (16)
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