A 1112

B.E./B. Tech. DEGREE EXAMINATION, MAY/JUNE 2006.

Fifth Semester

Computer Science and Engineering

CS 049 — VISUAL PROGRAMMING

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is event driver programming?

2. How will you define a form?

3. Name any four properties of label control.

4. What is the use of class wizard?

5. What is an appwizard?

6. What are the implementation files associated with a SDI application?

7. What is a byte code?

8. Highlight the features of applet based applications.

9. Name the tag used to create a link in a HTML page. Write an example.

10. Write the structure of a HTML page.

PART B — (5 × 16 = 80 marks)

11. (i) Compare the different programming paradigms.

(8)

(ii) Write a program to create a window using windows API.

(8)

1

12. (a) Explain the file system controls and write coding to use the file system controls.

Or

(b) (i) Consider a student database with Roll No, name, class and mark. Write a program to access this student's database using data controls and to modify them. (8)

(ii) Consider the student database as a text file. Write a program in VB to write this information into a file using a form based application and to display the average mark. (8)

13. (a) (i) Explain the document view architecture with necessary coding. (8)

(ii) Develop a scribble application (using mouse movement) in VC++. (8)

Or

(b) (i) Develop a calculator using dialog based applications in VC++ to perform add, sub, mul and div operations. (8)

(ii) Write a program to develop a text editor using VC++. (8)

14. (a) Write a GUI based Java program to reverse a string.

Or

(b) (i) Write a Java program to read a text file and to count the number of words in that file. (8)

(ii) Write a user defined exception whenever user enters a negative number. (8)

15. (a) (i) What are the life cycle methods of thread? Write a program to display multiplication tables (any three) using threads. (10)

(ii) What is a bean? Highlight its features. (6)

Or

(b) (i) What are the classes provided in Java to support networking? Explain the methods associated with it. (8)

(ii) What are Java scripts? How would you combine applets in a Java script? Explain with an example. (8)