

B 2280

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2007.

Fifth Semester

Information Technology

IF 353 — VISUAL PROGRAMMING

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A— (10 × 2 = 20 marks)

1. List out the features of Visual Programming.
2. What is event driven programming?
3. What are the ADO objects?
4. How to add controls to forms in IDE?
5. Advantages of ActiveX Controls.
6. Name any 4 MFC utility classes.
7. Difference between SDI and MDI.
8. What are the messages associated with menu items?
9. How do you create Dynamic link libraries?
10. Define COM.

PART B —(5 × 16 = 80 marks)

11. (a) Write an overview of windows programming.

Or

- (b) Write a program to display "Anna University" message in the center of a window.

12. (a) What is a Form? Describe the properties/events/methods of a form in VB with a suitable example.

Or

- (b) How do you connect databases to VB Form? List down the properties and their typical values used in data control with an example.

13. (a) Write a program in VC++ to:
- (i) Display mouse coordinates. (6)
 - (ii) Develop an editor. (5)
 - (iii) Draw a rectangle providing zooming facility. (5)

Or

- (b) (i) Explain the constructor of color dialog and 2 methods associated with color dialog. (5)
- (ii) Write a program in VC++ to display a message Box with a caption "My message". (5)
- (iii) What are Modal and modeless dialogs? How would you create them? Explain with an Example. (6)
14. (a) Explain SDI and MDI environments in detail.

Or

- (b) Explain the fragment to write into existing status bar.
15. (a) (i) What is OLE? Write a brief note on OLE drag and drop. (12)
- (ii) Highlight the features of OLE. (4)

Or

- (b) Explain how database connectivity can be achieved using ODBC. Write the necessary coding. And also write coding to query the database.
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Time

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