A 1240

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

Fifth Semester

Information Technology

IF 353 — VISUAL PROGRAMMING

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are GDI primitives?

2. What are the primary benefits of ADU?

3. What are events driven programming?

4. What is integrated development environment?

5. What are the types of dialogs? Give application for each.

6. What are the applications of Multithreading?

7. What are the applications of Multiple Views?

8. Define D COM.

9. Name two applications of OLE.

10. Depict the hierarchy of CRichEdit class.

PART B — (5 × 16 = 80 marks)

11. (i) Discuss on Windows Messaging.   (8)

    (ii) What are the components of Window – GUI as an example of GUI and give their advantages.   (8)

12. (a) (i) Create an Employee database and write a VB application to perform the operation such as addition, deletion of records of database. (12)

   (ii) Write the syntax of open and close statements for file. (4)

Or

   (b) (i) How to access databases with data control in VB. (8)

   (ii) List Intrinsic controls used for recordset applications. (8)

13. (a) (i) Explain the tools in develops studio. (3)

   (ii) What are the VC++ components? (5)

   (iii) Explain MFC classes. (8)

Or

   (b) (i) What are Wizards? How an appwizard can be started? (8)

   (ii) Give the various steps to getting started with a simple program. (8)

14. (a) (i) How do keyboard accelerators used as shortcuts for selecting menu entries? What is the syntax for keyboard accelerators? (8)

   (ii) What are status bars? Why do we use status bars? How to customise them? (8)

Or

   (b) (i) What is meant by splitter window? How to create dynamic splitter window? (8)

   (ii) Implement a dynamic splitter window in an MFC application. (8)

15. (a) How to manage database with Microsoft ODBC? Write the syntax to open a database connection. Give an example.

Or

   (b) (i) Write short notes on DLL commands used to register and unregister the server. (10)

   (ii) What are the main features of COM and discuss briefly any two. (6)

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