

Reg. No. :

Question Paper Code : Z 8439

B.Sc. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2009.

Fifth Semester

Computer Technology

BCS 353 — VISUAL PROGRAMMING

(Common to B.Sc. Information Technology)

(Regulation 2003)

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What is meant by Event Driven Programming?
2. Give the difference between queued and non queued messages.
3. What are splitter windows?
4. Differentiate SDI from MDI.
5. What is need for a multi-ole document interface in visual programming?
6. How does one free memory or release an object variable from memory with reference to Visual Basic?
7. What is meant by dynamic data transfer function?
8. What is the advantages of OLE?
9. What is meant by implicit and explicit window?
10. What is com interface?

PART B — (5 × 16 = 80 marks)

11. (a) What are the advantages of windows programming supporting to (IDE) Integrated Development Environment? Discuss the various resources that help a programmer for developing various variety of applications? (16)

Or

- (b) What are the software development tool kits made available for designing/developing visual programming. Also explain the features of SDK tools and their applications. (16)

12. (a) Write a note on working is ActiveX controls. Also list out the similarities and differences between ActiveX controls and windows controls.

Or

- (b) Discuss data base applications of VB. Discuss document view architecture and its advantages? How is Multiple Document Interface (MDI) functioning?

13. (a) (i) Write the code to illustrate the use of mouse move and left mouse button down events in VC++. (8)
(ii) Explain the working of document view architecture in VC++. (8)

Or

- (b) (i) Explain how a file can be saved and retrieved using serialization write the necessary code in VC++. (10)
(ii) Write the code to create and display modeless dialog in VC++. (6)

14. (a) (i) Explain any three file system controls. Code it using VB.
(ii) What is a control array and coding in VB try to use the control array?

Or

- (b) (i) Explain VB ActiveX controls with sample coding.
(ii) How is data control in VB helpful? Explain the properties and methods of data control in VB.

15. (a) (i) Discuss in detail GUI design. (8)
(ii) Write a note on storage and retrieval system. (8)

Or

- (b) List and explain the issues in Simultaneous Multi platform development.
Explain how they can be resolved.

www.studyguideindia.com