

Visual Programming

2008 May

Technology BCA

Semester 2

University Exam

Mangalore University

shaalaa.com

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Credit Based Second Semester B.C.A. Degree Examination
April/May 2008

VISUAL PROGRAMMING

Time : 3 Hours

Max. Marks : 80

Note: Answer any TEN questions from PART A and answer any one full question from each Unit of PART B.

PART A

1. a. What the forms do?
- b. Explain the following properties of List box.
 - i) ListCount
 - ii) ListIndex
- c. Explain the following functions
 - i) Trim()
 - ii) Fix()
- d. How do you write comments in VB?
- e. What is a constant? How do you declare it in VB?
- f. Explain while..... wend statement.
- g. Write a note on event procedure template.
- h. What is RDO? How does it differ from DAO?
- i. What is an ActiveX control in VB? What is its use?
- j. Explain MDI form.
- k. Explain the stretch property of the image control.
- l. Write a note on shell.

(2x10=20)

PART B

UNIT 1

2. a. Differentiate between List box and Combo box.
- b. Explain the following.
 - i) Form Layout Window
 - ii) The properties Window
- c. What are events and event procedures in VB? Explain with examples.
- d. Differentiate between Label and Text box. (4+4+4+3)

OR

3. a. Explain any six Events of a Form.
- b. Explain Private and Public variables with examples.
- c. Explain Command button with its default event. Also explain it's visible and enable properties. (6+3+6)

Contd... 2

UNIT 2

4. a. Explain the different data types supported by VB.
 b. Differentiate between select case and nested if statements.
 c. What do you mean by unconditional branching? Explain.
 d. What is the use of 'Option Explicit' statement. (6+6+2+1)

OR

5. a. Explain ParamArray keyword with an example.
 b. Discuss Do and For looping statements with example.
 c. Explain different methods used to handle multiple forms during execution time. (5+5+5)

UNIT 3

6. a. Explain the following with reference to properties of data control that you will commonly set at design time when working with an Access style databases.
 i) Connect ii) Exclusive iii) BOF Action, EOF Action, iv) DefaultType
 b. How do you modify a Table's Data through SQL.
 c. What are recordsets? With example explain the terms Refresh, Update, Delete and Addnew on data control.

OR

7. a. Explain how can you monitor changes to the database.
 b. Write a short note on the following
 i) DSN ii) ADO iii) ODBC
 c. Write a short note on putting book marks in a table. (5+5+5)

UNIT 4

8. a. What is an OLE? Explain the terms linked and embedded objects used in OLE.
 b. Explain briefly the steps involved in building ActiveX controls.
 c. Explain the methods used to transfer and retrieve graphics to and from clip board. (5+5+5)

OR

9. a. Explain how to add custom events while building ActiveX controls.
 b. Write a note on OLE drag and drop.
 c. Explain the following with example.
 i) SelStart ii) SelLength (5+5+5)

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