Visual Programming

2009 May

Technology BCA

Semester 2

University Exam

Mangalore University

BCACAC 151   Reg. No.

Credit Based Second Semester B.C.A. Degree Examination
April/May 2009

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 do you mean by VBIDE?   (2x10=20)

    b) Mention the two ways of writing comments in Visual Basic.

    c) List out any four properties of a List box.

    d) Evaluate 4+3*5/2+11 mod 3.

    e) Write the purpose of Option Explicit in Visual Basic code.

    f) Differentiate between function procedures and sub procedures.

    g) What are data aware controls? Name any two data aware intrinsic controls used in VB.

    h) What are record sets? Mention the types.

    i) What is RDO? How does it differ from DAO?

    j) What is an ActiveX control in VB?

    k) Discuss the usage of shell function.

    l) What is clipboard?

PART B

UNIT I

2. a) Explain the following terms - Title bar, Menu bar and Tool bar. How they are useful in any application?

    b) Write short notes on the following.
       i) Command button   ii) Text box   iii) Label

    c) Differentiate the following in Visual Basic.
       i) File List box & Dir List box
       ii) Option button & Check box   (5+6+4)

3. a) Explain the tools available in Debug toolbar of VB application.

                                                              Contd... 2

b) What is a form? Explain the following with respect to a form.
   i)   Windowstate property   ii)   Startupposition property
c) Explain the following properties:
   i)   Stretch of an image control
   ii) MDIchild of a form
   iii) Locked of a text box   (4+5+6)

UNIT II

4. a) What do you mean by Indeterminate loop? Explain the various indeterminate loops available in VB with example.
   b) What are constants and variables in VB? How do we declare them? Explain.
   c) Explain the different arithmetic, relational and logical operators of VB. (6+4+5)

5. a) Explain any six data types used in VB.
   b) Explain the different if statements available in VB.
   c) Explain the following functions with syntax and an example for each
      i)   Mid()   ii)   Instr()   (6+5+4)

UNIT III

6. a) What is a data control? Explain the different methods & events of a data control.
   b) Explain how to monitor changes in database.
   c) How do you search records using SQL? Explain.   (6+5+4)

7. a) Explain the properties of a data control set at design time for Access style databases.
   b) Write a short note on the following.
      i)   ADO   ii). DSN   iii) ODBC
   c) Explain the BOFAction and EOFAction properties of a data control. (5+6+4)

UNIT IV

8. a) What are the various clipboard methods for performing common clipboard activities such as selecting, copying and pasting text in VB.
   b) Write a short note on the following.
      i)   OLE Automation   ii)   OLE drag and drop
   c) Explain the steps involved in building ActiveX controls. (5+5+5)

9. a) Write short note on Object Linking and Embedding.
   b) Explain the following :
      i)   AppActivate   ii)   SendKeys
   c) Explain how to add custom events while building ActiveX controls. (5+5+5)

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