BCACAC 261

Credit Based Fourth Semester B.C.A. Degree Examination, April/May 2018
(Common to all Batches)
VISUAL BASIC .NET PROGRAMMING

Time : 3 Hours

Max. Marks : 80

Note : *Answer* **any ten** *questions from Part –* **A** *and* **one full**
question from **each** *unit of Part –* **B**.

PART – A   (10×2=20)

1. a) List any two System Namespaces.

   b) Write the use of the str and val function. Give example for each.

   c) How do you create a textbox in code ?

   d) Differentiate Textboxes and Labels.

   e) What is the use of Finally block ?

   f) Write any four keyboard events.

   g) List the different views of Listview.

   h) Write any four properties of ScrollBar.

   i) Differentiate Listbox and Combobox.

   j) What is the use of Data Grid ?

   k) What is the use of Server Explorer ?

   l) List any four data providers.

PART – B

UNIT – I

2. a) Explain Do..Until loop with syntax and example.

    b) Explain the following parts of VB IDE :
        i) Properties Window
        ii) Solution Explorer
        iii) Toolbox.

    c) Explain structured exception handling with syntax and example.   (4+6+5)

3. a) Write the syntax of Select Case. Give example.

    b) Explain different forms of option statements. Give example for each.

    c) Explain Switch and Choose functions with syntax and example.   (5+6+4)

UNIT – II

4. a) Explain any three important properties of :
        i) Rich Textbox
        ii) LinkLabel.

    b) Write a note on MsgBox function.

    c) Explain any five important properties of Button.   (6+4+5)

5. a) Explain the process of creating MDI Application.

    b) Explain any five important methods associated with Form.

    c) Explain the method of copy or select text to/from the clipboard.   (6+5+4)

UNIT – III

6. a) Explain five properties of DateTimePicker.

    b) Explain how to determine the items that are checked in a CheckedList box.

    c) Explain the use of the following :
        i) ToolTip
        ii) ProgressBar
        iii) ImageList
        iv) Timer
        v) Notify Icon.   (5+5+5)

7. a) Explain any two properties and two methods of ListBox.

   b) Write a note on ScrollBar.

   c) Explain any two built-in Dialogboxes. (4+5+6)

UNIT – IV

8. a) Explain the process of navigating DataSets with suitable code example.

   b) Write a note on creating Command Object in code.

   c) Explain following objects of ADO.NET
      i) Data Connection
      ii) Data Adapter
      iii) Data Reader. (5+4+6)

9. a) Write a note on creating Data Connection in code.

   b) What is Data Binding ? Explain different types of data binding in VB.NET.

   c) Explain following objects of ADO.NET
      i) DataSet
      ii) Data Table
      iii) Command. (4+5+6)

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