BCACAC 261

Credit Based Fourth Semester B.C.A. Degree Examination, September 2022
(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 in Part – **B**.*

PART – A   (10×2=20)

1. a) List any four string functions.

   b) What is IntelliSense ? Mention any two options of IntelliSense.

   c) Give an example for using With statement.

   d) List any four keyboard events.

   e) Mention the uses of Rich Text Box.

   f) Write the purpose of ReadOnly and MaxLength properties of Textbox.

   g) List the uses of Labels.

   h) Differentiate Panel control and GroupBox control.

   i) What is Context Menu ? Why it is used ?

   j) List the different views of listview.

   k) What is a Data Grid ?

   l) Write the purpose of data adapter.

P.T.O.

PART – B

Unit – I

2. a) Explain the following parts of Visual Basic IDE :

   i) Properties Window

   ii) Tool Box

   iii) Solution Explorer.

  b) Explain Select Case with syntax and example.

  c) Explain For Loop and For Each...Next Loop with syntax and example.   **(6+3+6)**

3. a) Explain structured exception handling in VB.NET with example.

  b) Explain the purpose of following functions in VB.NET :

   i) IsDate()

   ii) IsError()

   iii) IsNumeric()

  c) Explain Do Loop with syntax and example.   **(6+6+3)**

Unit – II

4. a) List and explain any four unique properties of CheckBoxes.

  b) Write a note on MsgBox function.

  c) Write the code for creating the following :

   i) TextBox

   ii) RadioButton.   **(4+5+6)**

5. a) List and explain any four unique properties of Rich Text Box.

  b) Write the code for creating a picture button.

  c) Write a note on Link Labels.   **(4+6+5)**

Unit – III

6. a) Explain any two properties and methods of Combo Box objects.

   b) Explain the purpose of the following :
       i) ImageList
       ii) Splitter
       iii) Tooltip

   c) Write a note on Track Bars. **(4+6+5)**

7. a) How to add images to ImageList in code ?

   b) How to determine what items are checked in CheckedListBox ? Explain with an example.

   c) List the built in dialog controls in VB.NET. Explain any two of them. **(5+5+5)**

Unit – IV

8. a) Explain the following ADO.NET objects :
       i)   Connection Object
       ii) Command Object
       iii) Data Adapter Object
       iv) Data Set Object
       v)   Data Readers.

   b) What is data binding ? Explain different types of data binding in VB.NET. **(10+5)**

9. a) Write a note on OledbConnection Class.

   b) Explain how to create Data Forms using Data Form Wizard.

   c) Write a note on Data Views. **(5+4+6)**

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