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**BCACAC 261**

**Credit Based Fourth Semester B.C.A. Degree Examination, May/June 2016**  
**VISUAL BASIC .NET PROGRAMMING**  
**(New Syllabus) (2013-14 Batch Onwards)**

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**

1. a) List any two IntelliSense options. (10×2=20)
- b) Mention the purpose of any two option statements in VB.Net.
- c) How to write comments in VB ? Give example.
- d) Differentiate Checkbox and Radio Button.
- e) Write the purpose of ReadOnly and MaxLength properties of Textbox.
- f) List the uses of Labels.
- g) Write the method to
  - i) Add an element to a ListBox.
  - ii) Display the total number of elements in a ListBox.
- h) What is Context Menu ? Why it is used ?
  - i) What is the use of Image List ? List any two controls that have ImageList property.
  - j) Write the purpose of data adapter.
- k) What is a Data Grid ?
- l) What is the use of Server Explorer ?

P.T.O.



## PART – B

## Unit – 1

2. a) Explain the following components of Visual Basic Integrated Development Environment.
- Tool Box
  - Solution Explorer
  - Properties Window.
- b) Explain Do Loop with syntax and example.
- c) Explain structured exception handling in VB.NET with example. (6+4+5)
3. a) Write the purpose of following functions in VB.NET
- IsArray()
  - IsDate()
  - IsDBNull()
  - IsNumeric()
  - IsError()
- b) Explain Switch and Choose functions with syntax and example.
- c) Explain structured exception handling with suitable example. (5+4+6)

## Unit – 2

4. a) List and explain any 4 unique properties of Textbox.
- b) Write a note on :
- Rich Textbox
  - InputBox()
- c) Write a note on handling Mouse Events in VB.NET. (5+5+5)
5. a) Write a note on :
- Handling Keyboard events
  - MDI forms
- b) Write the code for creating TextBox.
- c) Write the uses of Link Labels with code example. (5+5+5)

