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BCACAC 261

**Credit Based Fourth Semester B.C.A. Degree Examination,
April/May 2014
(New, Syllabus 2013-14 Batch)
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

1. a) Write any two features of VB .Net. (10×2=20)
b) List any two string functions. Write their purpose.
c) Write any two differences between Panel and GroupBox.
d) Differentiate executeReader and executeScalar methods.
e) Write any two methods of system. Math namespace with its purpose.
f) Write any four unique properties of a Form.
g) Differentiate between Textbox and Label.
h) Explain any two properties of a Timer.
i) When do we use Splitter control ? Write any one property of it.
j) Write the MDILayout enumeration values for arranging MDI child forms.
k) What are the different modes of viewing ListViews ?
l) What is DataSet ?

PART – B

UNIT – I

2. a) Write a note on .Net Frame work.
b) Explain the following parts of VB Integrated Development Environment.
i) ToolBox ii) Code designer iii) Properties window
c) Write a note on Structured Exception Handling. (4+6+5)

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3. a) Explain with syntax and example, how a variable is declared in VB.Net.
b) Explain the usage of Option and Import statement.
c) Explain the use of For Each . . . Next Loop. (5+5+5)

UNIT – II

4. a) Explain any five properties of RichTextBox.
b) Explain the different ways of resizing and moving a button from code.
c) Write a note on Link Labels. (5+5+5)
5. a) Explain how to copy or select text to/from clipboard.
b) Write the steps required to set Tab order for controls.
c) Explain how we can add controls to Group Boxes in code ? (5+4+6)

UNIT – III

6. a) Explain :
i) Getting/Getting the image in a PictureBox.
ii) Adjusting Picture Box Size to contents.
b) Explain any five properties of a DateTimePicker.
c) List the different built dialog box's in VB.Net, explain any one with example. (5+5+5)
7. a) Write the method/property for performing following operations on the ListBox :
i) Removing particular item from the ListBox.
ii) Sorting a ListBox.
iii) Determining the number of items.
iv) Determining which ListBox item selected and its position.
v) Adding particular item to the given position.
b) Write the usage of the following in Vb.Net :
i) Tool Tip
ii) Status Bar
iii) Notify Icon
iv) ImageLists
c) Explain how to create Tree View in code. (5+4+6)



UNIT – IV

8. a) Explain how we can access data using server explorer.
b) What is data binding ? Explain the different ways to use data binding in VB.NET application.
c) Write a note on OleDbConnection class. **(6+5+4)**
9. a) Explain the following objects of ADO.NET :
i) Data connection
ii) Command
iii) Data table
iv) Data Reader
v) Data Adapters.
b) What do you mean by simple binding ? Explain.
c) Write a note on SqlCommand Class. **(5+5+5)**
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