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BCACAC 261

IV Semester B.C.A. Degree Examination, April/May 2019

(Credit Based Semester Scheme)

(Common to All Batches)

Visual Basic .Net Programming

Time : 3 Hours]

[Max. Marks : 80

Instructions : Answer any ten questions from Part – A and one full question from each Unit of Part – B.

PART – A

1. Answer **any ten** of the following :

Shri Dharmasthala Manjunatheshwara
College of Business Management (10 × 2 = 20)
MANGALORE - 575 003

- What is an event? Give an example.
- Write the usage of **With** statement with example.
- What are namespaces? List any two namespaces used in VB.NET.
- Differentiate Panel and GroupBox.
- List any four methods of Windows Forms.
- How to create TextBox in Code?
- What are Context menus?
- What is the use of Splitter control?
- What is the use of TreeView?
- Write any two uses of DataBinding.
- What is dataset?
- What is the purpose of Data Adapter?



PART - B

UNIT - I

2. (a) List and explain the following components of VB IDE.
- (i) ToolBox
 - (ii) Solution Explorer
 - (iii) Properties Window
 - (iv) Code Designer
 - (v) Dynamic Help Window
- (b) Explain **Do ... While** and **Do Until** with syntax and examples.
- (c) Explain unstructured exception handling with suitable example. **(5 + 6 + 4)**
3. (a) Explain different data types available in VB.NET.
- (b) Explain Select Case statement with syntax and example.
- (c) Explain passing variable number of arguments to a procedure with example. **(5 + 5 + 5)**

UNIT - II

4. (a) Explain any five unique properties of TextBox.
- (b) Explain InputBox() with suitable example.
- (c) Explain the process of handling Mouse Events with suitable example. **(5 + 5 + 5)**
5. (a) Explain MsgBox() with syntax and example.
- (b) Write a note on :
- (i) MDI Forms
 - (ii) Owned Forms
 - (iii) Rich TextBox
- (c) Explain the process of sending keystrokes to other applications in VB.NET. **(5 + 6 + 4)**



UNIT - III

6. (a) List different types of dialogs. Explain any two with examples.
- (b) Explain the process of
- (i) Getting/Setting the image in PictureBox
 - (ii) Adjusting the size of PictureBox.
- (c) Explain the following :
- (i) Adding items to a ListBox
 - (ii) Making ListBox scroll horizontally
 - (iii) Sorting ListBox
 - (iv) Removing a particular item in a ListBox
 - (v) Making ListBox empty

(6 + 4 + 5)

7. (a) Explain the unique properties of ScrollBar.

- (b) Explain the usage of the following controls :

- (i) ToolTip
- (ii) NotifyIcon
- (iii) Timer
- (iv) ProgressBar

- (c) Write a note on :

- (i) MonthCalender
- (ii) TrackBar
- (iii) ListView

(5 + 4 + 6)

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College of Business Management Library
MANGALORE - 575 003

UNIT - IV

8. (a) Explain how navigation is done in data set with example.

- (b) Explain :

- (i) DataReader
- (ii) DataSet
- (iii) DataAdapter

- (c) Write a note on OLEDB Connection class.

(5 + 6 + 4)

9. (a) What is DataBinding? Explain different types with example.

- (b) Write a note on ADO.NET objects.

- (c) Explain how data connection is created in code.

(5 + 5 + 5)