Reg. No.

BCMCAV 303

Credit Based Fifth Semester B.Com. Degree Examination, Oct./Nov. 2017
COMPUTER APPLICATION
(Common to All Batches)
Paper – IX : VB.Net Programming

Time : 3 Hours
Max. Marks : 80

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

PART – A
(10×2=20)

1. a) What is CLR ?
   b) Name any two visual basic.NET enhancements.
   c) What is the use of Solution Explorer in VB.NET ?
   d) Enlist any four access specifiers in VB.NET class.
   e) Explain the keywords NotInheritable and *Mustinherit.*
   f) What is the use of Redim statement ? Give example.
   g) Explain with syntax show () and Hide () methods.
   h) How Group Box control is different from Panel control ?
   i) Explain the use of Clear and Count Properties of List Box Control.
   j) Explain any two properties of *ErrorProvider* object.
   k) What is ADO.NET ?
   l) What is data adopter ?

PART – B

Unit – I

2. a) Explain with neat diagram VB.NET IDE.
   b) Explain the features of VB.NET.
   c) Explain advantages of VB.NET.
   (5+5+5)

3. a) Explain .Net architecture.
   b) Explain the structure of .NET application.
   c) Write a note on compilation and execution of .NET application.
   (5+5+5)

P.T.O.

Unit – II

4. a) Explain For-Loop and While-Loop statements in VB.NET with syntax.
   b) Explain with an example method overriding in VB.NET.
   c) With example explain different data types used in VB.NET. (5+5+5)

5. a) Explain with an example For-Each Statement.
   b) Explain MsgBox Function in VB.NET.
   c) What is array ? Explain different ways of declaring and initializing arrays. (5+5+5)

Unit – III

6. a) Explain Multiline, PasswordChar and ReadOnly properties of TextBox control.
   b) Explain Checked and CheckState properties of Check Box control.
   c) Write a note on DateTimePicker. (5+5+5)

7. a) Explain following properties/methods of Listbox control
       i) Items   iv) Remove
       ii) Sorted   v) SelectedItem
       iii) Add
   b) What is dialog control ? Explain SaveFileDialog control.
   c) Explain with an example how MDI child forms are created and arranged in different ways. (5+5+5)

Unit – IV

8. a) What are the different control's events and properties you use in data validation ?
   b) Write a note on :
       i) OLE DB   ii) ODBC
   c) Explain interfaces of ADO.NET
       i) *IDbConnection*   iii) *IDataReader*
       ii) *IDbCommand*   iv) *IDbDataAdapter* (5+5+5)

9. a) Explain Data Reader in VB.NET.
   b) Explain the followings with suitable code.
       i) Adding records to table
       ii) Showing records in a DataGrid. (5+10)