Total No. of Questions—**5**]　　　　　　[Total No. of Printed Pages—**3**

Seat
No.

[5363]-503

B.B.A.(C.A.)/B.C.A. (Semester-V) EXAMINATION, 2018

VB.NET PROGRAMMING

(2013 PATTERN)

Time : Three Hours　　　　　　　　　　**Maximum Marks : 80**

N.B. :— (*i*)　*All* questions are compulsory.

(*ii*)　*All* questions carry equal marks.

(*iii*)　Draw suitable diagrams wherever necessary.

(*iv*)　Design proper GUI.

1.　Attempt any *eight* of the following :　　　　　　[8×2=16]

(*a*)　Explain difference between ListBox and ComboBox.

(*b*)　What is MSIL ?

(*c*)　Explain any *two* Built-in Date function.

(*d*)　What do you mean by MyBase class.

(*e*)　What do you mean by MDI in VB.net ?

(*f*)　What is data validation in VB.net.

(*g*)　Explain print preview dialog control in dialog box function.

(*h*)　Enlist various keyboard events in VB.net.

(*i*)　Explain any **4** properties of form.

(*j*)　Define delegates in VB.net.

2. Attempt the following (any *four*) : [4×4=16]

(*a*) What is .Net framework ? Explain its Architecture ?

(*b*) Design GUI and write code for following in VB.net (ADO.Net) with wizard.

– Accept employee details like Emp-No, Emp-Name, Emp-Address, Emp-date-of-joining, Save this details in Employee table.

(*c*) Explain overloading and overriding in VB.net.

(*d*) Write a program which uses a function to check whether a given number is perfect or Not, using console application.

(*e*) Explain any *four* advantages of VB.net framework.

3. Attempt the following (any *four*) : [4×4=16]

(*a*) Design GUI and write code for the following in VB.net.

– Accept a number in textbox.

– Convert the number into binary and show result in second textbox.

(*b*) Explain Message Box control with its various parameters.

(*c*) Explain try, catch and finally block with example.

(*d*) Design GUI and write code for the following in VB.net :

– Accept five names in ListBox.

– Sort the items in the ListBox Alphabetically.

(*e*) Explain any *two* control structures with example.

4. Attempt the following (any *four*) :   [4×4=16]

   (*a*)   Explain inheritance and types of inheritance in VB.Net.

   (*b*)   Explain constructor with example in VB.Net.

   (*c*)   Explain an Interface in VB.Net with example.

   (*d*)   Design GUI and write code for the following in VB.Net (ADO.Net) without wizard.

       –   Accept teacher's details like Teacher_No., Teacher–Name, Teacher_Qualification and save these details in teachers table.

   (*e*)   Explain the following controls :

       (1)   Tree view

       (2)   Progress Bar

       (3)   ToolTip

       (4)   LinkLabel

5. Write short notes on (any *four*) :   [4×4=16]

   (*a*)   Menus in VB.Net.

   (*b*)   Data Adapter

   (*c*)   Progress bar

   (*d*)   CLR features

   (*e*)   Myclass.