

Total No. of Questions—5]

[Total No. of Printed Pages—3

Seat No.	
-------------	--

[5417]-503

T.Y. B.C.A./T.Y. B.B.A. (CA) (V Semester) 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 diagram wherever necessary.

(iv) Design proper GUI.

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

(a) What is Data Adapter ?

(b) Write a code to add 5 items in List Box Control.

(c) Enlist any *two* methods of command objects.

(d) What is CTS ?

(e) Define CLR and enlist any *two* services provided by CLR.

(f) What is difference between Read() and Readkey() ?

(g) What is the use of Val() function.

(h) Write any *two* properties of Data Grid.

(i) Define IDE.

(j) How to declare constant ?

P.T.O.

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

- (1) Explain any *two* control structure with example.
- (2) Explain interface with example.
- (3) Write a VB.Net program to add two TextBoxes, two labels and one Button. Accept two numbers in TextBoxes and handle DivideByZeroException.
- (4) Design GUI and write a code for the following :
 - Add 5 numbers in ListBox1 using Input-Box.
 - Transfer perfect numbers from ListBox1 to ListBox2.
- (5) Design GUI and write code for the following :
 - Create car table (cname, price, modelname)
 - Insert the records (max : 5)
 - Delete the records of cars whose modelname is 'aulto'
 - Display appropriate message in MessageBox(Use MS-Access to createdb)

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

- (1) Explain function overloading and function overriding with example.
- (2) Explain Exception handling with example.
- (3) Design GUI and write a code for the following :
 - Accept a character into TextBox
 - Check whether that character is vowel or not
 - Display appropriate message in MessageBox

- (4) Design GUI and write a code in VB.Net using Rich TextBox :
- (1) Bold
 - (2) Italic
 - (3) Exit
- (5) Define Assembly and explain types of assembly.
4. Attempt the following (any *four*) : [4×4=16]
- (1) Explain classes of connected architecture of ADO.net in detail.
 - (2) Explain the architecture of Dot Net Framework in detail.
 - (3) Design a GUI and write code for the following :
 - Accept two strings in two TextBoxes.
 - Display concatenation of those strings into third TextBox.
 - (4) Design a GUI and write code for the following :
 - Accept number into TextBox.
 - Display square root of a given number into MessageBox.
 - (5) Design a GUI and write code for the following :
 - Accept the details of employee (empid, ename, salary)
 - Store the details into database
 - Display those records in gridview(Use SQL-Server to createdb)
5. Write short notes on (any *four*) : [4×4=16]
- (1) Data Types
 - (2) Crystal Report
 - (3) Constructor
 - (4) MessageBox()
 - (5) Keyboard and Mouse events in VB.net