

Reg. No.

--	--	--	--	--	--	--	--	--	--



BSCCSC 355

**Credit Based Sixth Semester B.Sc. Examination, September 2022
(2020 – 21 and Earlier Batches)
COMPUTER SCIENCE**

Paper – VII : Visual Basic .NET Programming

Time : 3 Hours

Max. Marks : 80

PART – A

1. Answer **any ten** of the following questions. **(10×2=20)**
- Mention any four types of applications that can be built using VB .NET.
 - What is toolbox ? Mention the use of toolbox.
 - Differentiate public and private access specifiers.
 - Differentiate On Error Resume Next and On Error Go To 0 statements.
 - Compare MsgBox() and InputBox() functions.
 - List any four datatypes available in VB .NET.
 - How do you make a textbox non-editable ?
 - What do you mean by MDI ?
 - Differentiate open file dialog and save file dialog.
 - List any four keyboard events.
 - What is field-level validation ?
 - What is connection string ?

PART – B

Answer **any one full** question from **each** Unit.

Unit – I

2. a) Explain .NET framework and common language runtime. **(5+5+5)**
- Explain the use of properties window and solution explorer.
 - Explain code designer and visual designer of VB.NET IDE.

P.T.O.



3. a) Explain various parts of VB IDE with diagram. **(7+3+5)**
b) What is intellisense ? Explain.
c) Explain the architecture of .NET framework with a diagram.

Unit – II

4. a) How do you create a class and an object ? Explain with syntax and example. **(5+5+5)**
b) Differentiate sub procedure and function with syntax and example.
c) Explain the use of SELECT CASE statement with syntax and example.
5. a) Explain the use of private, public and protected access specifiers. **(5+5+5)**
b) Explain overloading and overriding with an example.
c) Explain structured exception handling with an example.

Unit – III

6. a) Explain the following properties of a TextBox. **(5+5+5)**
i) Multiline
ii) WordWrap
iii) PasswordChar
iv) ReadOnly
v) ScrollBars.
- b) Write the code for the following :
i) Removing items from a ListBox.
ii) Adding items
iii) Sorting a ListBox.
iv) Determining how many items are in a ListBox.
v) Determining which ListBox items are selected.
- c) What is the use of scrollbar ? Explain its unique properties.



7. a) Differentiate the following : **(6+5+4)**
- i) CheckBox and RadioButton
 - ii) ListBox and ComboBox
 - iii) Panel and GroupBox.
- b) Explain any two built in dialog boxes.
- c) How do you create a window that can accommodate child windows ?
Explain.

Unit – IV

8. a) Explain any five ADO .NET objects. **(5+5+5)**
- b) Write a note on Error Provider.
 - c) Explain important types of validations in VB.NET.
9. a) Explain any five mouse events. **(5+5+5)**
- b) Explain features of ODBC architecture.
 - c) Write VB. NET code to add a record to and delete a record from the database table.
-