

(78 & A-53) Seat No: _____

No. Of Printed Pages: 2

SARDAR PATEL UNIVERSITY
TYBCA (Sem- 5) CBCS Examination Nov-2016
US05CBCA01: Visual Programming through VB.NET
Time: 02.00 pm – 05.00 pm

Date: 16-11-2016

Wednesday

Marks: 70

Q-1 Select the correct option for the following multiple choice questions. 10

- (1) MSIL Means
 - a) Microsoft Intermediate Language
 - b) M Small Internet Language
 - c) Microsoft Individual Language
 - d) Note of Above
- (2) _____ Statement is used to declare variable in vb.net.
 - a) Var
 - b) INT
 - c) Dim
 - d) All of Above
- (3) In VB .NET, msgbox returns _____ type of data.
 - a) Double
 - b) Integer
 - c) String
 - d) None
- (4) MDI stands for _____
 - a) Multiple Document Interface
 - b) Multiple Document Integrated
 - c) Multi Device Interface
 - d) None of these
- (5) Setting the SelectedIndex property of a ListBox to -1 will:
 - a) cause an error.
 - b) cannot be done.
 - c) No selection of any item.
 - d) Both a and b
- (6) Which method of a ListBox will remove just one item at a time at specified index?
 - a) Items.RemoveAt
 - b) Item.RemoveAt
 - c) Items.ClearAt
 - d) Item.ClearAt
- (7) Which event is activated when a RadioButton is selected?
 - a) Checked
 - b) CheckedChanged
 - c) Selected
 - d) SelectedChanged
- (8) What is the major component of connected data architecture?
 - a) DataReader
 - b) DataSet
 - c) DataAdapter
 - d) DataCommand
- (9) _____ method is used to populate DataSet.
 - a) Populate
 - b) Fill
 - c) Open
 - d) Store
- (10) For insert, update, and delete SQL commands, _____ method is used.
 - a) ExecuteDataReader
 - b) ExecuteScalar
 - c) ExecuteNonQuery
 - d) ExecuteReader

Q-2 Short questions. (Attempt any 10) 20

- (1) Write a short note on MSIL?
- (2) Define Boxing.
- (3) List the parts of IDE
- (4) What is procedure? How it is created in VB .NET?
- (5) What is MDI form? Which property is used to make form as a MDI parent form?
- (6) Explain For...Next with Example
- (7) Differentiate between listbox and combobox.
- (8) Explain use of picturebox.
- (9) Write a syntax of Try.....catch statement.
- (10) Mention different types of data providers available in ADO .NET Framework
- (11) What is difference between DataSet and DataReader?
- (12) Explain the use of server explorer in data access in .net.

Q-3 Explain .NET Architecture with Diagram and Components. 10

OR

Explain VB.NET IDE with Solution Explorer, property window and Toolbox. 10

Q-4 A Explain While...Wend and Select ... End Select with Example 6

B Explain Input box with example. 4

OR

A What is procedure? How the procedures are declared? Explain the ways of passing arguments with example. What is the use of 'By Val' & 'By Ref' keyword? 6

B Explain Modules in detail. 4

Q-5 A Explain following controls with its properties, methods and events 6

1) Checkbox 2) Listbox

B Write a note on HScrollBar and VScrollBar. 4

OR

A Explain Listbox,combobox and Checkedlistbox. 6

B Write down the steps to add menu on the form and explain at least five properties of it. 4

Q-6 Explain the connected and disconnected architecture of ADO.NET in brief. 10

OR

What are the four common SQL commands used to retrieve and modify data in a SQL Database? Also explain each of them 10

All the Best

(2)