

[71]

SEAT No. _____

No. of Printed Pages : 02

SARDAR PATEL UNIVERSITY
T.Y.B.Sc : SEMESTER – V
INFORMATION TECHNOLOGY

US05CINT03: Visual Programming Through VB .NET

Date : 15-11-2019, Friday Time : 10:00am to 01:00pm Max.Marks: 70

Q.1 Multiple choice of Question: 10

- [1] Full Form of CLS _____.
[a] Common Language System [b] Computer LAN System
[c] Common Language Specification [d] Computer LAN Software
- [2] _____ statement is used to declare variable in vb.net.
[a] Var [b] INT
[c] Dim [d] All of Above
- [3] This system provides the type architecture of the framework and guarantees type safety.
[a] CTS [b] CST
[c] Type [d] Type safe
- [4] In VB .NET, inputbox returns _____ type of data.
[a] Double [b] Integer
[c] String [d] none of these
- [5] In VB.Net _____ is used to set multiple properties for any objects.
[a] For [b] With
[c] Until [d] None of these
- [6] In VB .NET, msgbox returns _____ type of data.
[a] Double [b] Integer
[c] String [d] none of these
- [7] The Activated event is found only in which object?
[a] Form [b] Button
[c] TextBox [d] Label
- [8] Which property determines whether a control is displayed to the user?
[a] Hide [b] Show
[c] Visible [d] Enabled
- [9] _____ method is used to populate DataSet.
[a] Populate [b] Fill
[c] Open [d] Stor
- [10] What is the major component of connected data architecture?
[a] DataReader [b] DataSet
[c] DataAdapter [d] DataCommand

Q.2 Attempt any 10 questions: 20

- [1] List the types of project
- [2] List the parts of IDE
- [3] Explain CLR?
- [4] What is procedure? How it is created in VB .NET?
- [5] What is the use of 'By Val' & 'By Ref' keyword?
- [6] Differentiate: MessageBox – Inputbox
- [7] Explain use of picturebox.
- [8] Explain use of Timer.
- [9] Differentiate: radio button and checkbox.
- [10] Explain System.Data namespaces.
- [11] Explain the use of server explorer in data access in .net.
- [12] What are the features of ADO.Net?

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(P.T.O)

- Q.3 [A] Write a short note on Tool box and Solution Explorer. 5
 [B] Explain .NET Architecture. 5
- OR
- Q.3 [C] Write a note on any five string functions. 5
 [D] Write a short note on Unboxing and Boxing. 5
- Q.4 [A] Explain Form life cycle in detail. 5
 [B] Explain declaration of function in detail with example. 5
- OR
- Q.4 [C] What is MDI? What is SDI? Write down the features of MDI. 5
 Also write down the difference between MDI & SDI.
 [D] Explain Modules in detail. 5
- Q.5 [A] Write a note on VScrollBar and HScrollBar. 5
 [B] Explain try.... Catch ... final in detail with example. 5
- OR
- Q.5 [C] Explain Textbox and Listbox controls with its properties, 5
 methods and events
 [D] Explain Treeview and Button controls with its properties, 5
 methods and events
- Q.6 [A] Explain the connected architecture of ADO.NET in brief. 5
 [B] Explain major ADO .net objects. 5
- OR
- Q.6 [C] Describe the disconnected architecture of ADO.NET's data 5
 access model.
 [D] Explain use of "ExecuteScaler", "ExecuteNonQuery" and 5
 "ExecuteReader" method in detail.

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 (2)