[56 / A·67]

SARDAR PATEL UNIVERSITY

External Examination – 2016

M. Sc. (IT) Integrated – Semester - IV

PS04CIIT03 – Visual Programming Through VB.NET

Date : 06-04-2016, Wednesday

Time : 10:30 A.M. to 01:30 P.M.   Max Marks : 70

Q – 1   Multiple Choice Questions.   [10]

1. Full Form of CLS is _____
   (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. In VB .NET, msgbox returns _____ type of data.
   (A) Double   (B) String
   (C) Integer   (D) Char

4. In For loop, the default value of step is _____.
   (A) 2   (B) 3
   (C) 1   (D) -1

5. To create procedure _____ keyword is used.
   (A) Sub   (B) Procedure
   (C) Function   (D) None of these

6. _____ property determines whether a control is displayed to the user.
   (A) Hide   (B) Show
   (C) Visible   (D) Enabled

7. The Tick event is found only in which object?
   (A) Form   (B) Button
   (C) TextBox   (D) Timer

8. _____ event is activated when a RadioButton is selected
   (A) Checked   (B) CheckedChanged
   (C) Selected   (D) SelectedChanged

9. _____ is disconnected, in-memory representation of data.
   (A) DataReader   (B) DataSet
   (C) DataAdapter   (D) DataCommand

10. _____ method is used to populate DataSet.
    (A) Populate   (B) Fill
    (C) Open   (D) Store

Q – 2   Attempt any Ten questions.   [20]
   1. Write a short note on MSIL?
   2. List the Data type supported by VB.NET.
   3. Define : Boxing and Unboxing.
   4. Explain If...End If with example.
   5. Write a difference between MDI and SDI.
   6. Differentiate between : Messagebox – Inputbox
   7. Differentiate between radio button and checkbox.
   8. Explain use of picturebox.
   9. What is the use of Groupbox?
   10. Explain the use of server explorer in data access in .net.
   11. What is the use of the Connection object?
   12. What is difference between DataSet and DataReader?

Q – 3   Explain .NET Architecture.   [10]
                                           OR
Q – 3   Write a short note on IDE.   [10]

Q – 4[A] Explain Form life cycle in detail.   [05]
   [B]   Explain the For .... Next structure with example.   [05]
                                           OR
Q – 4[A] What is procedure? How the procedures are declared? Explain the ways of   [05]
          passing arguments with example.
   [B]   Explain the Do .... Loop structure with example.   [05]

Q – 5[A] Explain try.... Catch ... final in detail with example.   [05]
   [B]   Explain TextBox control in detail with its properties.   [05]
                                           OR
Q – 5[A] Explain TreeView control in detail.   [05]
   [B]   Explain Button control in detail with its properties.   [05]

Q – 6[A] Explain the connected architecture of ADO.NET in brief.   [04]
   [B]   What are the four common SQL commands used to retrieve and modify data in a   [06]
          SQL Database? Also explain each of them.
                                           OR
Q – 6[A] Explain the disconnected architecture of ADO.NET in brief.   [04]
   [B]   Explain use of "ExecuteScaler" , "ExecuteNonQuery" and "ExecuteReader" method   [06]
          in detail.

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