(A 26)

SARDAR PATEL UNIVERSITY
BCA (V Semester) Examination
Tuesday, 17 March 2015
10.30 am – 1.30 pm
US05CBCA01 - Visual Programming through VB.NET
Total Marks: 70

[10]

Q.1 MCQ

1 Full Form of CLS.
(a) Common Language System   (c) Computer LAN System
(b) 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 MSIL Means_____.

a) Microsoft Intermediate Language
b) M Small Internet Language
c) Microsoft Individual Language
d) Note of Above

4 _____ loop execute at least once.
a) while loop   c) do...while
b) if   d) for

5 In VB .NET, msgbox() returns _____ type of data.
a) Double   c) String
b) Integer   d) none of these

6 Which statements are optional in an If...Then statement?

a) If   b) Then   c) Else   d) All of the above

7 Which is not a standard dialog box?

a) ColorDialog
b) FontDialog
c) OpenDialog
d) ZoomDialog

8 _____ statement enables exception handling .

a) Option explicit b) Option strict c) On Error Goto d) none

9 _____ is disconnected, in-memory representation of data.
a) DataReader   b) DataCommand   c) DataAdapter   d) DataSet   **[P.T.O]**

10 _____ method is used to populate DataSet.
a) Populate   b) Fill   c) Open   d) Store

Q.2 Short questions(Attempt any 10)   **[20]**

1 Define Boxing.
2 List any four operators?
3 List the data types supported by VB.net.
4 Differentiate between : Messagebox – Inputbox
5 List any four properties supported by Windows Form.
6 Write a difference between MDI and SDI.
7 Explain any four properties of textbox.
8 Differentiate between listbox and combobox
9 Write a syntax of Try……..Catch statement.
10 Mention different types of data providers available in ADO .NET Framework.
11 What is the use of the Connection object?
12 What is difference between DataSet and DataReader?

Q.3 Explain VB.Net Architecture in detail.   [10]

OR

Q.3 Explain VB.NET IDE in detail.   [10]

Q.4 a) Explain inputbox().   [5]
     b) What is procedure? How the procedures are declared? Explain the ways of passing   [5]
       arguments with example.

OR

                                        [4]
Q.4 a) Explain Select …………..End Select with example.   [6]
     b) Explain Looping statement with example.

Q.5 a) Explain radio button with its properties, methods and events.   [5]

     b) Explain different types of error handling .Explain any one in detail..

                                          [5]
OR

Q.5 a) Explain HSCrollbar & VScrollbar with its properties, methods and events.   [5]
     b) Write down the steps to add menu on the form and explain at least three   [5]
       properties of menu.
Q.6 (a) Describe disconnected architecture of ADO.NET's data access model.   [5]
     (b) Explain a DataGridView control.   [5]
OR
Q.6 (a) Explain the steps to bind the application with the Database in ADO .net.   [5]
     (b) Describe connected architecture of ADO.NET.   [5]

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