

(C9)

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Sardar Patel University

T Y B C A 5<sup>th</sup> Semester(CBCS) Examination 2013

US05CBCA01:Visual Programming through VB.NET

Date : 16/11/2013:Saturday  
Time :10:30 a.m. to 1:30 p.m.

No. of pages: 02  
Total Marks: 70

**Q.1 MCQ****[10]**

- 1 Full Form: of CTS is \_\_\_\_\_.  
a) Common Transaction System    b) Common Type System  
c) Common Type language System    d) Common Type Specification
- 2 The JIT is one type of \_\_\_\_\_.  
a) Hardware    b) Measurement Unit  
c) Compiler    d) Time
- 3 To create procedure \_\_\_\_\_ keyword is used.  
a) Sub    b) Procedure  
c) Function    d) None of these
- 4 In VB .NET, inputbox returns \_\_\_\_\_ type of data.  
a) Double    b) String  
c) Integer    d) none of these
- 5 In VB.Net \_\_\_\_\_ is used to set multiple properties for any objects.  
a) For    b) Until  
c) With    d) None of these
- 6 How many RadioButtons in a Group Box can be selected at the same time?  
a) 0    b) 1  
c) 2    d) 3
- 7 What is the method used to activate the color dialog box?  
a) ActivateDialog    b) DisplayDialog  
c) ExhibitDialog    d) ShowDialog
- 8 \_\_\_\_\_ method is used to populate DataSet.  
a) Populate    b) Open  
c) Fill    d) Store
- 9 \_\_\_\_\_ is disconnected, in-memory representation of data.  
a) DataReader    b) DataAdapter  
c) DataSet    d) DataCommand
- 10 For insert, update, and delete SQL commands, \_\_\_\_\_ method is used. **[P.T.O]**  
a) ExecuteDataReader    b) ExecuteScalar  
c) ExecuteReader    d) ExecuteNonQuery

**Q.2 Short questions (Attempt any 10)**

**[20]**

- 1 List the types of project.
- 2 What is CLS?
- 3 What is Boxing?
- 4 Write any two difference between MDI and SDI.
- 5 List any four events supported by Windows Form.
- 6 Differentiate between : MessageBox – Inputbox
- 7 Explain any four properties of DateTimePicker.
- 8 Differentiate between radio button and checkbox.
- 9 Write a syntax of Try.....Catch statement.
- 10 Explain the use of server explorer in data access in .net.
- 11 What is use of DataReader?
- 12 Mention different types of data providers available in ADO .NET Framework.

**Q.3 Explain VB.Net Architecture.**

**[10]**

**OR**

Explain VB.NET IDE.

**[10]**

**Q.4 a) Explain Inputbox().**

**[4]**

b) Explain the following structure with example.

1) For...Next

2) Select ... End Select

**[6]**

**OR**

a) Explain Form life cycle in detail.

**[4]**

b) Explain MsgBox().

**[6]**

**Q.5 a) Explain following controls with its properties, methods and events**

**[6]**

1) ColorDialogBox 2) FontDialogbox

b) Write a note on HScrollBar and VScrollBar

**[4]**

**OR**

a) Explain Listbox, combobox and Checkedlistbox.

**[6]**

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

**[4]**

**Q.6 a) Explain use of "ExecuteScaler", "ExecuteNonQuery" and "ExecuteReader" method in detail.**

**[6]**

b) Explain the steps, how can we retrieve data in DataSet?

**[4]**

**OR**

a) Explain the connected architecture of ADO.NET in brief.

**[4]**

b) What are the four common SQL commands used to retrieve and modify data in a SQL Database? Also explain Any two.

**[5]**