

Sardar Patel University

T Y B C A 5th 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” [6]
method in detail.

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 [5]
in a SQL Database? Also explain Any two.