

SARDAR PATEL UNIVERSITY  
T.Y.BCA (SEM-5)(CBCS) EXAMINATION 2016 (NC)  
Tuesday, 10<sup>th</sup> May, 2016  
10.30 a.m. to 1.30 p.m.

US05CBCA01 : Visual Programming through VB.NET

Maximum Marks : 70

Note: - Answers of all the questions (including multiple choice questions) should be written in the provided answer book only.

Q.1 Multiple choice questions:

[10]

1. The Visual Basic projects you can create \_\_\_\_\_.  
a) Circuit                      b) Windows Application  
c) Both (a) and (b)      d) None Of These.
2. What is MSIL?  
a) Compiler      b) Interpreter      c) Technology      d) None Of These.
3. What is Namespace?  
a) Class      b) Package      c) Framework      d) Collection of Method.
4. In For loop, the default value of step is \_\_\_\_\_.  
a) 0      b) 1      c) 2      d) None Of These.
5. In VB.Net \_\_\_\_\_ is used to set multiple properties for any objects.  
a) With      b) For      c) Text      d) None Of These.
6. By default the arguments are passes to procedure as \_\_\_\_\_.  
a) ByVal      b) ByRef      c) ByDefault      d) None Of These.
7. What is the method used to activate the color dialog box?  
a)ActiveDialog()      b)ShowDialog()      c)ExitDialog      d)None Of These.
8. Which symbol creates an access key in the text of a menu item?  
a) \$      b) #      c) &      d) None Of These.
9. What is the major component of connected data architecture?  
a) DataReader      b) DataAdapter      c) DataSet      d) None Of These.
10. Which namespace defines the interfaces implemented by a .NET Data Provider?  
a) System.Data.                      b) System.Data.SqlTypes  
c) System.Data.OleDb      d) System.Data.Provider.

Q.2 Attempt any Ten out of Twelve.

[20]

1. List the parts of IDE.
2. What is a Constant?
3. Write a short note on CLR.
4. Differentiate between: **MessageBox** vs. **Inputbox**.
5. Define Property, method and event
6. Explain **Show method** of Windows Form.
7. Differentiate between **Radio Button** and **Checkbox**.
8. Write syntax of **Try.....catch** statement.
9. Explain use of **Timer**.
10. What is **Dataset** object?
11. What is Difference between **DataSet** and **DataReader**?
12. Which Properties are used to bind a **DataGridView** control?

[PTO]

- Q.3 (a) Explain **.NET Architecture**. [7]  
(b) Write a note on **MSIL**? [3]

OR

- Q.3 (a) Write a short note on **FCL, JIT**. [7]  
(b) Write a note on **CLS**? [3]

- Q.4 (a) Explain the following structure each with one example. [5]  
a) **While...Wend** b) **With...EndWith**.  
(b) Explain **Form life cycle** in detail. [5]

OR

- Q.4 (a) What is **MDI**? What is **SDI**? Write down the features of **MDI**. Also [5]  
write down the difference between **MDI & SDI**.  
(b) Explain **Modules** in detail. [5]

- Q.5 (a) Explain following controls with its Properties, Methods and Events. [5]  
a) **ColorDialogBox** b) **RichTextBox**  
(b) Write a note on **HScrollbar** and **VScrollbar**. [5]

OR

- Q.5 (a) Explain following controls with its Properties, Methods and Events. [5]  
a) **FontDialogbox** b) **CheckBox**  
(b) Explain **Combobox** and **Checkedlistbox**. [5]

- Q.6 What are the features of **ADO.Net**? Describe the disconnected and [10]  
connected architecture of **ADO.NET's data access model**.

OR

- Q.6 What are the applications of **ADO.NET**? Explain major **ADO .NET** [10]  
**objects** and also write the steps to bind the application with the Database  
in **ADO .net**.

~~~~~All the Best~~~~~

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