SARDAR PATEL UNIVERSITY
B.C.A.- Vth SEMESTER (CBCS) (REG.) EXAMINATION 2019
Wednesday, 13th November
10.00 AM to 1.00 PM
US05CBCA01 : Visual Programming through VB.NET

Maximum Marks: 70

Q:1 **Multiple choice questions.**   **[10]**

1. MSIL Means
    a) Microsoft Intermediate Language   c) M Small Internet Language
    b) Microsoft Individual Language   d) Not of Above

2. What is Namespace?
    a) Collection of Files   c) Package
    b) Framework   d) Collection of Methods

3. Imports Statement is use to Import
    a) A Class   c) A Namespace
    b) A Method   d) A Function

4. SDI stands for _____.
    a) Standard Document Interface   c) Single Document Interface
    b) Standard Document Integrated   d) None of these

5. _____ loop execute at least once.
    a) While loop   c) Do...while
    b) If   d) For

6. How many Radio Buttons in a Group Box can be selected at the same time?
    a) 0   c) 1
    b) 2   d) 3

7. What is the method used to activate the color dialog box?
    a) ActivateDialog   c) DisplayDialog
    b) ExhibitDialog   d) ShowDialog

8. Which property cannot be used with multiline property of textbox?
    a) Name   c) Font
    b) Passwordchar   d) Margin

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

10. _____ object provide connection to the database.
    a) Command   c) Connection
    b) DataReader   d) Data Adapter

[P.T.O]

①

Q:2   **Write down the answer of following short questions. (Any Ten)**   **[20]**

1. Define Boxing and Unboxing.
2. What is Intellisence?
3. List the types of project.
4. What is procedure? How it is created in VB .NET?
5. What is MDI form? Which property is used to make form as a MDI parent form?
6. Write a difference between Procedure and Function.
7. What is the use of Groupbox?
8. Write syntax of Try.....catch statement.
9. Differentiate between radio button and checkbox.
10. What is the use of server explorer in data access in .net.
11. What is Dataset object?
12. What is connection string?

Q:3

Explain .NET Integrated Development Environment.   **[10]**

OR

Write a note on any five string functions with syntax and example.   **[10]**

Q:4

A. Explain the following structure with example.   **[06]**
     1) Select ... End Select   2) For... Next

B. Explain Message box with example.   **[04]**

OR

A. Explain the following structure with example.   **[06]**
     1) If...End If   2) Do...Loop

B. Explain Input box with example.   **[04]**

Q:5

A. Explain following controls with its properties, methods and events.   **[06]**
     1) Treeview   2) Textbox

B. Explain any four properties of DateTimePicker.   **[04]**

OR

A. Explain following controls with its properties, methods and events.   **[06]**
     1) Listbox   2) FontDialogbox

B. Explain any four properties of RichTextBox.   **[04]**

Q:6

A. Describe the disconnected architecture of ADO.NET's data access model.   **[06]**
B. Explain following .NET Data Provider Main Classes.   **[04]**
     • Command
     • DataAdapter

OR

A. Explain the steps to bind the application with the Database in ADO .net.   **[06]**
B. Explain following .NET Data Provider Main Classes.   **[04]**
     • Connection
     • DataReader

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