

[18]

SARDAR PATEL UNIVERSITY**B. C. A. Examination, 5th Semester (On Demand)****Thursday, 7th July, 2022****US05CBCA01: Visual Programming through VB .NET****Time: 10:00 AM to 12:00 PM****Total Marks: 70****Note: Answer of all the questions (including Multiple Choice Questions) should be written in the provided answer book only****Q:1 Give answers of following Multiple Choice Questions [10]**

- [01] _____ statement is used to declare variable in vb.net.
(A) Var (B) Dim
(C) Int (D) None of these
- [02] A Procedure that does not return a Value is called as _____.
(A) Sub Procedure (B) Method
(C) Constructor (D) Function
- [03] Dynamic Arrays can Redimensioned using _____ Keyword.
(A) ReDim (B) Dim
(C) Redim (D) Const
- [04] In VB .NET, MsgBox returns _____ type of data.
(A) Double (B) String
(C) Integer (D) None of these
- [05] In VB.Net _____ is used to set multiple properties for any objects.
(A) For (B) With
(C) Until (D) Case
- [06] To create procedure _____ keyword is used.
(A) Sub (B) Procedure
(C) Function (D) None of these
- [07] Which property determines whether a control is displayed to the user?
(A) Hide (B) Show
(C) Visible (D) Enabled
- [08] The Tick event is found only in which object?
(A) Form (B) Timer
(C) Button (D) TextBox
- [09] _____ is disconnected, in-memory representation of data.
(A) DataReader (B) DataSet
(C) DataAdapter (D) DataCommand
- [10] _____ method returns result set by way of DataReader object.
(A) ExecuteDataReader (B) ExecuteScalar
(C) ExecuteReader (D) ExecuteNonQuery

Q:2 Fill in the Blanks and True-False

[08]

- [01] VB.Net is Called as _____ Programming Language.
- [02] To come out from any loop _____ statement is used.
- [03] _____ event is activated when a RadioButton is selected?
- [04] _____ method is used to populate DataSet.
- [05] MSIL is an Interpreter. (T/F)
- [06] By default the arguments are passes to procedure as ByDefault (T/F)
- [07] "&" symbol creates an access key in the text of a menu item? (T/F)
- [08] To check whether connection is open or not, status property is used. (T/F)

Q:3 Answer the following short questions (any Ten)

[20]

- [01] What is CLS?
- [02] Write a Short Note on JIT Compiler
- [03] List any five operators?
- [04] Write down the syntax of For...Next
- [05] Write a difference between MDI and SDI.
- [06] What is the use of 'By Val' & 'By Ref' keyword?
- [07] Explain use of PictureBox.
- [08] Write a syntax of Try.....catch statement.
- [09] Differentiate between radio button and checkbox.
- [10] What are the features of ADO.NET?
- [11] What is Dataset object?
- [12] Mention different types of data providers available in ADO .NET Framework.

Q:4 Answer the following short questions (any Four)

[32]

- [A] Explain .NET Architecture.
- [B] Write a short note on IDE.
- [C] Explain declaration of function in detail with example.
- [D] Explain InputBox and MsgBox with example.
- [E] Explain DateTimePicker with its properties, methods and events.
- [F] Explain ListBox and ComboBox with example.
- [G] Describe the disconnected architecture of ADO.NET's in brief.
- [H] Explain "ExecuteNonQuery" and "ExecuteReader" method in detail.

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