SEAT No._____
(९ 1 & A-30)
SARDAR PATEL UNIVERSITY **No. of Printed Pages : 2**
B.C.A.(Sem-5 NC) Examination
US05CBCA01: Visual Programming through VB.NET
Date: 5-04-2018   Time : 2.00 pm – 5.00 pm   Marks: 70
Thursday

Q-1   **Select the correct option for the following questions.**   **10**

(1) _____ statement is used to declare variable in vb.net.

A. Var   B. INT

C. Dim   D. All of Above

(2) MSIL Means

A. Microsoft Individual Language   B. Microsoft Intermediate Language

C. Microsoft Internet Language   D. Microsoft Icon Language

(3) In VB .NET, msgbox returns _____ type of data.

A. double   B. string

C. integer   D. character

(4) In For loop, the default value of step is _____

A. 1   B. 2

C. 3   D. None of these

(5) _____statement enables exception handling .

A. Option explicit   B. Option strict

C. On Error Goto   D. None of these

(6) Which control display hierarchy of nodes?

A. label   B. Timer

C. Scrollbars   D. Treeview

(7) _____ method is used to populate DataSet.

A. Populate   B. Fill

C. Open   D. Store

(8) To check whether connection is open or not, _____ property is used.

A. ConnectionStatus   B. ConnectionState

C. State   D. Status

(9) Toolbox in Visual Studio Consist of...

A. Code   B. List of Forms

C. List of Servers   D. List of Controls

(10) How many RadioButtons in a Group Box can be selected at the same time?

A. 0   B. 1

C. 2   D. 3

[P.T.O]

Q-2   Do as directed. (ATTEMPT ANY TEN)   **20**

(1)   Write a Short Note on JIT Complier.

(2)   List any five operators supported by VB.NET..

(3)   List the Data type supported by VB.NET.

(4)   Write a difference between MDI and SDI.

(5)   Define Property, method and event.

(6)   What is procedure? How it is created in VB .NET?

(7)   Write a syntax of Try.....catch statement.

(8)   What is the use of Groupbox?

(9)   Explain use of picturebox.

(10) What are the features of ADO.Net?.

(11) What are the applications of ADO .net?

(12) What is Dataset object?

Q-3   Explain .NET Architecture.   **10**

<div align="center">OR</div>

Q-3   Write a short note on IDE with all components.   **10**

Q-4 A   Explain Message box with example.   **5**

B   Explain with example. (1) If...End If   (2) For...Next   **5**

<div align="center">OR</div>

Q-4 A   Explain Input box with example.   **5**

B   Explain with example. (1) Do...Loop   (2) Select ... End Select   **5**

Q-5 A   Explain following controls with its properties, methods and events   **5**
        (A). Button   (B). Radio Button

B   Explain different types of error handling .Explain any one in detail.   **5**

<div align="center">OR</div>

Q-5 A   Explain following controls with its properties, methods and events   **5**
        (A). Textbox   (B). Checkbox

B   Write a note on HScorllBar and VScrollBar.   **5**

Q-6 A   Explain the connected architecture of ADO.NET in brief.   **5**

B   What are the four common SQL commands used to retrieve and modify data in a SQL   **5**
        Database? Also explain two of them

<div align="center">OR</div>

Q-6 A   Describe the disconnected architecture of ADO.NET's data access model. **5**

B   Explain the step, how can we retrieve data in DataSet.   **5**

<div align="center">(2)</div>