

[134/A33]

SEAT No. \_\_\_\_\_

Sardar Patel University

T.Y.B.C.A (5<sup>th</sup> Semester- Reg & NC) Examination - 2018

US05CBCA01 || Visual Programming through VB.Net

Date: 23-Oct-18, Tuesday

Time: 02.00 pm to 5.00 pm

Total Marks: 70

Q.1 Answer the following questions.

[10]

- 1 \_\_\_\_\_ statement is used to declare variable in vb.net.  
A. Dim B. Var C. INT D. All of above
- 2 The JIT is one type of \_\_\_\_\_.  
A. Hardware B. Compiler C. Measurement unit D. Time
- 3 To create procedure \_\_\_\_\_ keyword is used.  
A. Sub B. Procedure C. Function D. Method
- 4 \_\_\_\_\_ statement enables exception handling  
A. OptionExplicit B. On Error Goto C. Option Strict D. None of these
- 5 Which method of a ListBox will remove just one item at a time at specified index?  
A. Items.ClearAt B. Items.DeleteAt C. Items.RemoveAt D. Items.BlankAt
- 6 The Tick event is found only in which object?  
A. Form B. Button C. TextBox D. Timer
- 7 MDI stands for \_\_\_\_\_.  
A. Multiple Document Integrated B. Multi Device Interfac  
C. Multiple Document Interface D. None of these
- 8 In For loop, the default value of step is \_\_\_\_\_.  
A. 2 B. 3 C. 0 D. 1
- 9 \_\_\_\_\_ method is used to populate DataSet.  
A. Populate B. Open C. Fill D. Store
- 10 \_\_\_\_\_ method returns result set by way of DataReader object.  
A. ExecuteDataReader B. ExecuteScalar  
C. ExecuteNonQuery D. ExecuteReader

①

[P.T.O]

- Q.2 Explain following in brief. (Attempt any Ten) [20]**
- 1 Define Unboxing.
  - 2 List the Data type supported by VB.NET
  - 3 Write a Short Note on JIT Compiler
  - 4 What is the use of 'By Val' & 'By Ref' keyword?
  - 5 Write down the syntax of For...Next structure:
  - 6 What is procedure? How it is created in VB .NET?
  - 7 How to add and delete a node in a treeview?
  - 8 List any four properties of DateTimePicker.
  - 9 Explain use of picturebox.
  - 10 Explain DataGridView control in brief.
  - 11 What is difference between DataSet and DataReader?
  - 12 What are the applications of ADO .net?
- Q.3 A Explain .VB.NET Architecture with diagram and component in detail 10**
- OR**
- Q.3 A Explain VB. NET IDE in detail 10**
- Q.4 A Explain Input box with example. 5**  
 Explain declaration of function in detail with example. 5
- OR**
- Q.4 A. Explain Modules in detail 5**  
**B. Explain Select ... End Select in detail 5**
- Q.5 A. Explain try.... Catch ... final in detail with example 5**  
**B. Explain text box control with its properties, methods and events. 5**
- OR**
- Q.5 A. Write down steps to add menu on the form and explain at least five properties of it. 5**  
**B. Explain checkbox and ColorDialogbox with its properties, methods and events. 5**
- Q.6 A. Describe the disconnected architecture of ADO.NET's data access model. 5**  
**B. used to retrieve and modify data in a SQL Database? Also explain any two of them 5**
- OR**
- Q.6 A. Explain major ADO .net objects. 5**  
**B. Explain the step, how can we retrieve data in DataSet? 5**