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SEAT No. _____

No. of Printed Pages : 2

SARDAR PATEL UNIVERSITY
T.Y. B.Sc. EXAMINATION, SEM – V
INFORMATION TECHNOLOGY

US05CINT03: Visual Programming through VB .NET

Date: 26/10/2018, Friday

Time: 10:00am To 01:00pm

Total Marks: 70

[10]

Q:1 Multiple Choice Questions

- [01] _____ statement is used to declare variable in vb.net.
 (A) Dim (B) Var
 (C) Int (D) All of the above
- [02] A Procedure that does not return a Value is called as
 (A) Sub Procedure (B) Method
 (C) Constructor (D) Function
- [03] The JIT is one type of _____.
 (A) Hardware (B) Compiler
 (C) Measurement unit (D) Time
- [04] In VB .NET, msgbox returns _____ type of data.
 (A) Integer (B) Double
 (C) String (D) None of these
- [05] In For loop, the default value of step is _____.
 (A) 2 (B) 1
 (C) 0 (D) None of these
- [06] To create procedure _____ keyword is used.
 (A) Function (B) Procedure
 (C) Sub (D) None of these
- [07] Which event is activated when a RadioButton is selected?
 (A) CheckedChanged (B) Selected
 (C) Changed (D) SelectedChanged
- [08] Which method is used to savefile in RichTextBox
 (A) LoadFile (B) SaveAll
 (C) SaveFile (D) None of these
- [09] What is the major component of connected data architecture?
 (A) DataAdapter (B) DataSet
 (C) DataReader (D) DataCommand
- [10] _____ method is used to populate DataSet.
 (A) Fill (B) Populate
 (C) Open (D) Store

Q:2 Answer the following short questions (any Ten)

[20]

- [01] List the parts of IDE.
 [02] List any five operators?
 [03] Explain CLR?
 [04] What is the use of 'By Val' & 'By Ref' keyword?
 [05] Write a difference between MDI and SDI.
 [06] Write down the syntax of For ... Next.

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(FTO)

- [07] Write a syntax of Try.....catch statement.
- [08] Explain the use of Timer.
- [09] Explain the use of Menu.
- [10] What is connection string? Explain in brief.
- [11] What is difference between DataSet and DataReader?
- [12] What is Dataset object?
- Q:3 [A] State the Data types of VB.Net and Explain. [05]
 [B] Write a short note on Solution Explorer and property window [05]
- OR**
- Q:3 [C] Write a short note on Boxing and Unboxing. [05]
 [D] What is VB.Net and Explain it's Features. [05]
- Q:4 Explain While ... Wend, Do ... Loop and If ... Endif structures in detail. [10]
- OR**
- Q:4 [A] List any five properties supported by Windows Form and explain any two of them. [05]
 [B] Explain Form life cycle in detail. [05]
- Q:5 Explain ComboBox and TextBox control with its properties, methods & events. [10]
- OR**
- Q:5 Explain CheckedListBox and TreeView control with its properties, methods & events. [10]
- Q:6 [A] Explain the steps to bind the application with the Database in ADO .NET. [05]
 [B] Describe the disconnected architecture of ADO.NET's data access model. [05]
- OR**
- Q:6 [C] Explain the connected architecture of ADO.NET in brief. [05]
 [D] Explain major ADO .NET objects. [05]

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 (2)