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SARDAR PATEL UNIVERSITY

T.Y. B.Sc. EXAMINATION, SEM – V

US05CCSC03 : Visual Programming through VB .NET

Date : 11/04/2018

Time:02:00pm To 05:00pm

Max. Marks : 70

Q – 1	Multiple Choice Question	[10]
i)	What is CLR? a) Clean Run c) Common Object Language Runtime	b) Common Language Runtime d) Class Language Runtime
ii)	What is Namespace? a) Collection of Files c) Framework	b) Package d) Collection of Methods
iii)	This system provides the type architecture of the framework and guarantees type safety. a) CTS b) CST c) TYPE	d) Type Safe
iv)	_____ specify the transparency of the form . a) Transparency c) FormOpacity	b) FormTransparency d) Opacity
v)	Which statements are optional in an If...Then statement? a) If b) Else	c) Then d) All of the above
vi)	How many times the test expression of a Select Case evaluated? a) 0 b) Once for each Case.	c) 1 d) It depends on value of the test expression.
vii)	The Activated event is found only in which object? a) Form c) TextBox	b) Button d) Label
viii)	What is the name of the control for putting menus on a form? a) FormMenu c) MenuControl	b) MenuForm d) Menustrip
ix)	To check whether connection is open or not, _____ property is used. a) ConnectionStàtus c) ConnectionState	b) State d) Status
x)	Sorting supports: a) Ascending order. c) Ascending and descending order.	b) Descending order. d) None of the above.
Q – 2	Answer the following in short (Any 10).	[20]
i)	List the types of project	
ii)	List any five operators?	
iii)	List the Data type supported by VB.NET	
iv)	What is procedure? How it is created in VB .NET?	
v)	Write down the syntax for While ... Wend.	
vi)	Write down the syntax for Do ... Loop.	
vii)	Write a syntax of Try ... Catch Statement.	
viii)	Explain use of Timer.	
ix)	What is the use of Menu?	
x)	What is connection string? Explain in brief.	
xi)	What is the use of the Connection object?	
xii)	What are the features of ADO.Net?	

C.P.T.O.)

- Q-3 a) Write a note on Class Library. [5]
 b) Write a short note on Solution Explorer [5]
 OR
- Q-3 a) Write a short note on Boxing and Unboxing [5]
 b) Write a short note on Tool box. [5]
- Q-4 a) Explain Form life cycle in detail. [5]
 b) What is MDI form? Explain how it differs from normal form in details? [5]
 Which property has to be set to make a form of the MDI parent form?
 OR
- Q-4 a) Explain Modules in detail. [5]
 b) Explain Message box with example. [5]
- Q-5 a) Write down the steps to add menu on the form and explain at least five [5]
 properties of it.
 b) Explain following controls with its properties, methods and events [5]
 1. FontDialogBox 2. CheckBox
 OR
- Q-5 a) Explain following controls with its properties, methods and events [10]
 1. RitchTextBox 2. Label 3. CheckListBox 4. Radio Button
- Q-6 a) What are the four common SQL commands used to retrieve and modify data [10]
 in a SQL Database? Also explain each of them.
 OR
- Q-6 a) Explain the disconnected architecture of ADO.NET in brief. [5]
 b) Explain use of "ExecuteReader" and "ExecuteScaler" method in detail. [5]

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