

Seat No. : _____

AN-112

April-2022

M.Sc. (CA & IT), Sem.,-IV (Client Server Architecture)

Time : 2 Hours]

[Max. Marks : 50

Section-I

(Attempt Any 3 Questions From Q.1 to Q.5)

1. Explain the following properties of TextBox : (Any 7) 14
 - (1) Multiline
 - (2) AutoCompleteMode
 - (3) TabStop
 - (4) CharacterCasing
 - (5) PasswordChar
 - (6) Text
 - (7) MaxLength
 - (8) TablIndex

2. (a) Explain Remove(), RemoveAt(), Clear() and Contains() functions of ComboBox with example. 7

- (b) Write code to move all selected items from one ListBox to another ListBox, when the SelectionMode is MultiSimple. Also write the code to delete all the selected items from first ListBox. 7

3. (a) Explain the following functions of RichTextBox with example. 7
 - (1) SelectedText
 - (2) SelectionStart
 - (3) SelectionLength
 - (4) Cut
 - (5) AppendText
 - (6) Copy
 - (7) Allignment

- (b) Write a console program to perform the following inheritance: The root class is "COLLEGE", which inherits two sub classes "STUDENT" and "FACULTY". 7

4. (a) Write code to draw the following tree in the TreeView Control.

7



- (b) Create an application to perform the following dialog control functions using RichTextBox: FontDialog, ColorDialog and FileOpenDialog. (Draw the form also)

7

5. Create an application to take data of 5 students using a structure from the user. The student data includes RollNo, Name, Address and Marks and then display Roll No and Name of all the students having marks greater than 50 in two list box. (Validation: Marks entered by the user should not be less than zero and greater than 100).

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Section – II

(MCQ : Attempt any 8 from this section)

8

- What will be the output of the following:
`int x = RichTextBox1.SelectionStart.`
 - The index value of the first character.
 - The index value of the last character.
 - The index value of the selected text's first character.
 - The value for the variable x will be null.
- Which of the following is not a property of NumericUpDown?
 - LargeChange
 - Minimum
 - Maximum
 - Value
- If Istdata is a listbox, the items in the listbox are: A,B,C,D. Write the output of the following:
`Istdata.Items.contains("C");`
 - True
 - False
 - Error
 - None

4. Which of the following is not an option in the property TextImageRelation for the control Button ?
- (a) Overlay (b) ImageBeforeText
(c) ImageText (d) TextAboveImage
5. What will be the output of the following:
int x = RichTextBox1.SelectionStart.
- (a) The index value of the first character.
(b) The index value of the last character.
(c) The index value of the selected text's first character.
(d) The index value of the selected text's last character.
6. Which of the following property is common for all controls?
- (a) TextAlligned (b) Name
(c) AutoSize (d) StartUpPosition
7. If we want to fire the Tick event of Timer Control every 1 second, what interval should be set for the property INTERVAL?
- (a) 500 (b) 1000
(c) 1200 (d) 700
8. Which control is used to create a Pop-Up menu ?
- (a) MenuStrip (b) ContextMenuStrip
(c) OpenFileDialogControl (d) RichTextBox
9. The user wants to create a short cut ALT + E for a button having the text "MOVE". What should be written in the text property to make the shortcut?
- (a) &MOVE (b) MO&VE
(c) MOV&E (d) M&OVE
10. The default event of scrollbar is :
- (a) Click (b) Scroll
(c) SelectedIndex (d) CheckedChange
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