

MT-128

March-2019

SY Integrated M.Sc. (CA & IT), Sem.-IV

Client Server Architecture

Time : 2:30 Hours]

[Max. Marks : 70

1. (A) Answer the following : 10
- (1) Explain the following properties with respect to textbox:
 - (a) TabStop
 - (b) Multiline
 - (c) Name
 - (d) AutoSize
 - (e) Enabled
 - (2) Write code to take five values in text box one by one. Add the the values in a lisbox. (Using AddRange function). Now take another listbox and a button named "Move". When the user clicks the button then move the selected items from one listbox to another.
- (B) Explain Keypress event of textbox and SelectedIndex event of ListBox. 4
2. (A) Answer the following : (Any **four**) 8
- (1) Explain the following function of string class with example:
 - (a) Remove
 - (b) LastIndexOf
 - (2) Write code to store all single single character from a line into a combobox.
 - (3) Explain Lines property of textbox.
 - (4) Give an example of a structure.
 - (5) Write code to display the system date in the following format: 3 hours, 30 minutes and 10 seconds.
- (B) Which setting are required in properties window, in order to achieve the following effects in a form : (Any **six**) 6
- (a) Color of the form should be blue.
 - (b) Put an image on the form.
 - (c) Form should not have cancel button.
 - (d) Mouse cursor should look like a cross, when placed on the form.
 - (e) When the program runs, form should be in the center of the screen.
 - (f) The form's title bar should have the text "My First Project".
 - (g) The form should not have a control box.

3. (A) Write code to create the following tree : 6



- (B) Write code to open and save txt file using RichTextBox and Dialog Control. 5
- (C) Design a form which has a horizontal scrollbar, ListBox and a Timer. Write code for the following: Start the timer when the form starts. Increase the value of scrollbar by 10 every one second and add the value of the scrollbar to listbox. As the value of scrollbar reached the maximum value, the form should close automatically. 3
4. (A) Create an application which has two textboxes for key and itemvalue. Now take five values using these textboxes in Sorted List. Take a button named “Display” and two listbox. When the user clicks the button, the keys and item values should be displayed in both the listboxes. 8
- (B) Answer the following : (Any **two**) 6
- (1) Write steps to create a context menu.
 - (2) Write a function which would accept a number and return its cube. Name the function MyCube. (Do not draw the form).
 - (3) Explain MsgBox in detail with all parameters.
5. Create a table in Access Named “Employee” having 3 columns: Empld, Name and Address. Now Design a form in vb.net that will display all the contents of the table in a datagrid(on form load). The form should have a buttons for ADD, UPDATE and DELETE. (Format the form as per your choice). Write code for the above. Also draw the form. 14
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