LA-102

April-2014

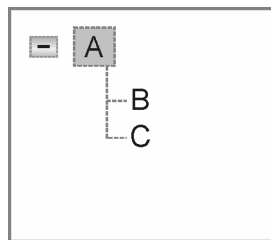## S.Y. M.Sc. (CA & IT) Sem.-IV

(Integrated)

Client Server Architecture

Time : 3 Hours]   **[Max. Marks : 100**

1. (a) Answer the following :   **6**

     (1) What does solution explorer contain ?

     (2) Write command the print the data in the output window.

     (3) What is an array ? Declare an array of size 10 which holds string data.

   (b) Define a structure of employee having employee name, phone number, and email id. Declare a variable of the structure and assign values.   **4**

   (c) Write code for a textbox which will accept only number as text.   **10**

2. (a) (1) Write code for printing the contents of an array using for loop.   **2**

     (2) Give an example of select case.   **2**

     (3) Explain function overloading.   **6**

   (b) Write a function which finds the maximum value from an array. Pass the array as an argument in the function and return the maximum value. (Design a form of your choice)   **10**

3. (a) Write any five events of form and explain.   **10**

   (b) Write code for creating the following tree view :   **10**

4.   (a)   Explain the following functions with example : (Any **4**)   **12**

          (1)   Concate

          (2)   LastIndexOf

          (3)   Split

          (4)   Insert

          (5)   Copy

     (b)   Write code to create a directory in c:\My Documents.   **2**

     (c)   Explain the method "open" of file class with all arguments.   **6**

5.   Create the following application :   **20**

     Create a table named 'student' in MS Access. (Assume any four fields) Design a form
     for taking the input for all the fields from the user. The form should have buttons for add,
     update and delete. One datagrid for displaying the data. (Format the form as per your
     choice). Write coding for connecting vb.net and MS Access, adding, updating and
     deleting record from the database. (Draw the designed for and write the coding).

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