MCA - 504(E)
M.C.A. V Semester Examination, December 2014
Dot Net Technology
(Elective - II)
Time : Three Hours

Note: i) Answer five questions. In each question part A, 13, C is compulsory and I)
part has internal choice.
ii) All pans of each question are to be attempted at one place.
iii)A1l questions carry equal marks, out of which part A and B (Max.50 words) *carry* 2
marks. part C (Maxi 00 words) carry 3 marks, part D (Max.400 words)Carry 7 marks.
iv) Except numerical, Derivation, Design and Drawing etc.

Unit - I

1. a) What is sealed class?
    b) Differentiate int and integer in C#.
    c) Differentiate array list from arrays.
    d) Explain the characteristics of .NET architecture in detail.
        Or
        Describe .NET framework with diagram.

Unit - II

2. a) Find the error in the program segment.
    b) What is a web service?
    c) Write short note.01 SOAP.
    d) Explain textbox 'and listbox Web Controls. Describe it with example.
        Or
        Create a web application for login form with login and password option. Password
        should be up to 5 characters only. perform necessary validations.

Unit - III

3. a) What is metadata?
    b) What is the purpose of satellite assemblies?
    c) What is LIS? State its purpose.
    d) Explain methods and properties of Server and Session objects.
        Or
        Describe AdRotator and Browser Capabilities component with example.

Unit - IV

A a) What is assembly? Describe steps to create shared assembly.
    b) What is XML? Describe the creation of XML file.
    c) Differentiate between VB and VB.NET.
    d) Describe with example. how database connectivity can be achieve in
        VB.NAT using SQL and MS-Access with Data Set and Data Reader. Write
        code to display contents of database.
        Or
        Compare Procedure and Function used in VB.NET with example.

Unit - V

5. a) State the purpose of Data Adapter control.
    b) What is Constructor in VB.NET? Give one example.
    c) What is -Postback. When does it occur?
    d) Write a web application that performs editing in Data List control.
        Or
        Describe how Class, Object and Inheritance can be created in VB.NE