Exam No. _____

GANPAT UNIVERSITY
B.TECH SEM-VI INFORMATION TECHNOLOGY
REGULAR EXAMINATION MAY/JUNE-2012
IT-604 SERVICE ORIENTED PROGRAMMING

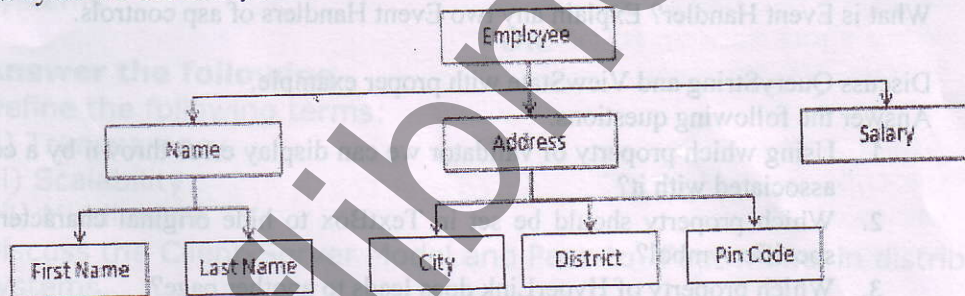TIME:- 3 HOURS   TOTAL MARKS:-70

INSTRUCIONS: 1. Attempt all questions.
            2. Figures to the right indicate full marks.
            3. Each section should be written in a separate answer book.

SECTION-I

Q-1 [A] What is XSLT? Why do we use it with XML? Explain it.   [6]
     [B] Why do we use XML though we have HTML technology? Discuss it.   [6]

OR

Q-1 [A] Discuss different XML syntax rules with proper example.   [6]
     [B] What is the need to use Schema with xml file? Discuss it.   [6]

Q-2 [A] Why do we use Entity References with XML? Explain them with proper examples. [3]
     [B]   [8]

Make Address element as complex type and Salary element should contain
maximum 50000 and minimum 10000 values.
1. Create an XML file with three employees.
2. Create a Schema file for above structure.
3. Design an XSL file which display employees having salary greater than
   15000.

OR

Q-2 [A] What is the need to use Schema with xml file? Discuss it.   [5]
     [B] Discuss following elements with proper example.   [6]
          1. <xsl:for-each>
          2. <xsl:if>

Q-3 [A] Differentiate between Method overriding and oveloading.   [2]
     [B] Explain Abstract method with a simple example.   [3]
     [C] Create a Interface BookDepo which has SetTitle() and SetPublication() methods. [7]
          Design a concrete class BookDemo which has two properties named Cost and
          Author as well as two methods NoOfPages() and FindBooks(). Design a code which
          displays book's information as per cost values passed by a user.
          Note: Use can assume all required fields and methods by yourself.

Q-4 [A] When is it required to use Panel in asp.net? Explain it. [6]
    [B] What are the advantages of ListView over GridView? Discuss it. [6]

OR

Q-4 [A] What is the difference between HTML controls and ASP.Net controls? Discuss it. [6]
    [B] Discuss following controls with such properties which make them different from others. [6]
        1. Button
        2. ImageButton
        3. LinkButton

Q-5 [A] Why do we use Validation Controls? Explain it. [5]
    [B] Consider the following table with different fields. [6]
        Product (ProductID, ProductName, Cost, VendorName).
        Write a code for .cs file which establish connection to given database table, Search data as per VendorName value as per TextBox placed onto design mode and also edit cost value as per user's passed value.

OR

Q-5 [A] Discuss any five common properties of asp.net controls. [5]
    [B] What is Event Handler? Explain any two Event Handlers of asp controls. [6]

Q-6 [A] Discuss QueryString and ViewState with proper example. [4]
    [B] Answer the following questions. [6]
        1. Using which property of validator we can display error thrown by a control associated with it?
        2. Which property should be set in TextBox to hide original character by a specific symbol?
        3. Which property of HyperLink does leads to another page?
        4. Name the property which provides tips about a control.
        5. What is the difference between visible and enable properties?
        6. Using which property we do set image to Image control.
    [C] Differentiate between RadioButton and RadioButtonList. [2]

********** END OF PAPER ***********