Tribhuvan University

Institute of Science and Technology

Full Marks: 60
Pass Marks: 24
Time: 3 hours

2074

Bachelor Level/ Third Year/ sixth Semester/ Science
Computer Science and Information Technology- (CSc.360)
(Net Centric Computing)
Candidates are required to their answer in their own words as far as practicable. The figures in the margin indicate full marks.

Attempt all Questions:

1. Write short notes on: **[5×2=10]**

   a. Advantages of ASP

   b. Session Object

   c. Indexers

   d. ASP applications

   e. Browser capabilities

2. a. List some requirements of dynamic page over static page. Discuss the features of IIS.**[3+2]**

   b. Differentiate between request object and response object with suitable example. **[5]**

3. a. How ASP file can be debugged? Explain. **[5]**

   b. Illustrate a program to handle email using ASP with example. **[5]**

   OR

   Differentiate between ADO and ADO.net.

4. a. Explain the architecture of CLR (Common Language Runtime) over Net framework. **[5]**

   b. Are overriding and overloading both the form of polymorphism? Justify with example **.[5]**

5. a. What is the role of View State? explain the structure of ASP Net page. **[2+3]**

   b. Design a form to input the name and age of a student with the appropriate input validation.

   [5]

6. a. Assume a database named " Library" containing a table Book (id, name author, price, publication). Write a program in ASP, Net to create a page with necessary text field to input the data on book and insert the given record in to the table. **[5]**

   b. Explain the steps for planning the ASP applications. **[5]**