

Shirmad Rajchandra Institute of Management and Computer Application, UTU

M.C.A. (4th Semester)

Course : 040010403 – Web Technology

Duration : 3 Hours

Date : 05-05-2014

Max. Marks: 60

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Draw diagrams/figures whenever necessary.

SECTION – 1

Q-1 (A) Do as directed.

[06]

- I) What is use of Response.Redirect() ?
- II) Write four common properties of all validation controls.
- III) Define SQL Injection.
- IV) Enlist at least two data source control.
- V) The button control _____ property set to _____ will ignore the validation controls and will posted back without validation.
- VI) Which events are fired when a page loads?

Q-1 (B) Answer the following in brief. (Any 4)

[08]

- I) Write four properties of DriveInfo class with description.
- II) Which properties available in Page class?
- III) List out at least four pillars of ASP.NET.
- IV) What is use of StreamReader and StreamWriter class?
- V) List at least four rules to create well-formed XML file.
- VI) Write code to store and retrieve data in session.

Q-2 Answer the following.

[08]

- A) Write a code to insert data into XML file and read from XML using XMLTextWriter and XMLTextReader classes.

OR

- A) Explain CompareValidator and RangeValidator with Example.
- B) Create table for Student (sid,sname,scity,scourse). Insert into Student table using LINQ and retrieve data using LINQ. (Use LINQ to SQL)

OR

- B) Explain advertisement file with example.

Q-3 Answer the following in detail. (Any 2)

[08]

- A) What is caching? Explain output caching with example.
- B) Draw ado.net architecture and explain any two data provider classes.
- C) Write a note on Dataset and DataView.

SECTION – 2

Q-4 (A) Do as directed.

[06]

- I) Define MVC.
- II) List out at least two data tables used for profiles.
- III) What is use of HtmlTextWriterAttribute in custom control?
- IV) Write anatomy of dynamic data project.
- V) How can you move from one view to another view in MultiView?
- VI) Give significant difference between CSS and Theme?

Q-4 (B) Answer the following in brief. (Any 4)

[08]

- I) Write down steps to create web part page.
- II) List down at least four features of ASP.NET AJAX.
- III) Define four levels of security in ASP.NET.
- IV) Justify "Themes are control-based, not HTML-based"
- V) Write bare-bones structure that the site map file uses.
- VI) How does profile store data in database?

Q-5 Answer the following.

[08]

- A) Write down c# code to implement form authentication.

OR

- A) Write a c# code to add user control in web form. User control consists of registration form for student on which following field should be available.
StudentErNo, StudentName, StudentCourse, StudentPercentage.
- B) Write a c# code to send mail using ASP.NET application.

OR

- B) Draw fundamental architecture of the membership API. Discuss purpose of CreateUserWizard and ChangePassword security controls.

Q-6 Answer the following in detail. (Any 2)

[08]

- A) What is a purpose of MasterPage? What are the differences between ordinary page and MasterPage?
- B) Draw The cryptographic class hierarchy and define .NET Cryptography Classes.
- C) Explain authorization with example.