



VII SEMESTER B.TECH. (COMPUTER SCIENCE ENGINEERING)

END SEMESTER EXAMINATIONS, NOV/DEC 2016

SUBJECT: ADVANCED INTERNET TECHNOLOGY [CSE 403]

REVISED CREDIT SYSTEM

(30/11/2016)

Time: 3 Hours

MAX. MARKS: 50

Instructions to Candidates:

- ❖ Answer **ANY FIVE FULL** questions.
- ❖ Missing data may be suitable assumed.

- 1A.** Write a C# console program to calculate what day and month of the week after 40 days from this moment? 2M
- 1B.** Write the method which takes string as parameter to reverse the words in a given sentence. Use delegate to call the method in main (). 2M
- Sample input: I am writing AIT*
Sample output: AIT writing am I
- 1C.** Explain the .NET language compilation and CLR functionality with block diagram. 3M
- 2A.** How to convert HTML page to ASP.NET page? Explain the HTML control events. 5M
- 2B.** Create a web page as shown in Fig Q.2.B. Add the color enumeration to the dropdown list on page load. On selecting the color, height and width, panel with text '7 SEM CSE' should be modified. Based on the check box selection put the border to the panel. 2M

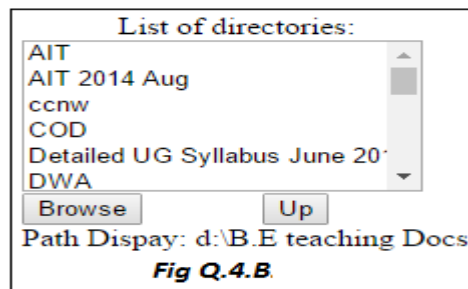
- 2C.** (i) Write the comparison of session state with application state using any two parameters. 3M
- (ii) Create a web page as shown in Fig Q.2.C with two textbox and two buttons. Using class, create a property to store name and password entered in textbox. On clicking the Save button, object of the class is stored in viewstate. On clicking the Load button, stored object is retrieved, name and password is displayed in the respective textboxes. [write only code behind file]

- 3A. Draw the security diagram for ASP.NET form authentication. 2M
- 3B. Why the validation groups are required in web pages? Explain with example code. 3M
- 3C. Create a web page consisting of AdRotator with 2 images (fruits and flowers) and button. First image should have more frequency. As the image changes its name should display in button as shown in Fig Q.3.C. On clicking the button or image (don't use button click event handler), respective website (given below) should get open in new tab.
For Fruits -> www.fruits.com
For flowers -> www.flowers.com



5M

- 4A. Explain the difference between styles and themes in ASP.NET. 2M
- 4B. Create a simple file browser as shown in Fig Q.4.B, using list box, 2 buttons and label. Label will display the current path of directories displayed in list box. On clicking the browse button and after selecting the item from list, its directories will display in list box. On clicking Up button, existing directory's parent directory will be loaded in list box. Write only code behind file.



3M

- 4C. Create a web page with Dropdown list, text boxes and buttons as shown in Fig Q.4.C. Assume the table 'person' with First name, Last name, Phone, Address and City as fields. When the page is loaded, only first names will be displayed in Drop down list. On selecting the name, other details will be displayed in respective text boxes. On clicking update button the table will be updated with new entries made in text box. On clicking the delete button the selected record will be deleted from table and Dropdown list is refreshed. Use direct access method and avoid sql injection attack. Write only .cs file.

Person List:	James ▼
First Name:	James
Last Name:	bond
Phone:	123445
Address:	Tenk Pet
City:	Udupi
<input type="button" value="Update"/> <input type="button" value="Delete"/>	

Fig Q.4.C

5M

- 5A. How to modify the config file to allow the web site access to all the users except 'raj' and 'ram' using form authentication. 2M

- 5B. Design the webpage with a button control "Read". On clicking "Read", XML file contents (as shown in Fig Q.5.B.1) should be displayed in details view as shown in Fig Q.5.B.2, using XMLTextReader class. Write only .cs file.

<pre> <Details> <Student Name="Ram" Roll="1"> <Sem>7</Sem> </Student> <Student Name="Shaam" Roll="2"> <Sem>6</Sem> </Student> </Details> </pre> <p>Fig Q.5.B.1</p>	<table> <tr> <td>name</td><td>Shaam</td></tr> <tr> <td>roll</td><td>2</td></tr> <tr> <td>sem</td><td>5</td></tr> </table> <p>Fig Q.5.B.2</p>	name	Shaam	roll	2	sem	5
name	Shaam						
roll	2						
sem	5						

3M

- 5C. Create the web page to show the design as given in Fig Q.5.C. Assume 'Student' table with name, ses1, ses2, assign and total as fields. When page loads, the list box should be displayed with the student names. Use the direct data access technique to fill Listbox. On selecting the name from listbox, the details should be displayed in the Gridview and name should be displayed in Label. On selecting the Edit button in the Gridview, only the Total field should be editable. Update the value into database. Write the .cs and .aspx file.

List Of Students:

- Aditya
- Roshan
- Stuti

This is the marks of: **Stuti**

	Details
Update Cancel	Sessional 1: 17
	Sessional 2: 18
	Assignment: 9
	Total: 44

Fig Q.5.C

5M

- 6A. Explain the comparison between master page and ordinary ASP.NET pages? 2M
- 6B. How the cache object is different from application object? Give three reasons. 3M
- 6C. Explain the following:
- Problems with single value data binding
 - Assume the table "Colleges" with ColID, Name, no_of_course as fields. Retrieve all the data from Colleges table using disconnected data access method and display only College names in list box. Write complete .cs file. 5M