END TERM EXAMINATION

FOURTH SEMESTER [MCA] MAY-JUNE-2014

Paper Code: MCA-210	**Subject: Web Technologies**
	(2010 Onwards)

Time: 3 Hours   **Maximum Marks: 60**

Note: Attempt any five questions, including Q.no.1 which is compulsory. Select one question from each Unit.

Q1 (a) What are HTML, CSS, and JavaScript? What is the HTML format for an inline image?

(b) What is the main difference between Gridlayout and Flowlayout?

(c) What is the use of connection object?

(d) How many types of validation controls are provided by ASP.NET?

(e) Explain what is "AutoPostBack" feature in ASP.NET?

(f) Which is preferred HTML on XML and why?

(g) List the components of SOAP message structure.

(h) How do you track user sessions in ASP. net application.

(i) What is internet and Internet?

(j) What do you mean by binding data to web control.   **(10x2=20)**

Unit-I

Q2 (a) Describe the origins of JavaScript. Also describe the differences between Java and JavaScript. Write the JavaScript code to generate an alert message when a link is clicked.   **(5)**

(b) Differentiate between server-side and client-side JavaScript applications. List the key JavaScript characteristics. Write the JavaScript code to display messages in the status bar when the mouse is moved over a link.   **(5)**

Q3 (a) What are the different levels of heading in HTML? What steps did you use in placing heading in your HTML document? What happens if you forget a slash at the end of a header tag?   **(5)**

(b) What is the HTML tag for an unordered list? What is the tag for an ordered list? What steps did you use in adding list to your HTML document?   **(5)**

Unit-II

Q4 (a) What's difference between Datagrid and Datalist? What is the method to customize columns in DataGrid? How can we format data inside DataGrid?**(6)**

(b) Give the overview of ADO.NET architecture?   **(4)**

Q5 (a) What are the two fundamental objects in ADO.NET? Write the difference between dataset and datareader. Give an example.   **(6)**

(b) What are the various methods provided by the dataset object to generate XML?   **(4)**

Unit-III

Q6 (a) Explain Forms authentication in detail? Also write an example.   **(5)**

(b) How can we connect to database? Write an example to describe it.   **(5)**

Q7 (a) What is Fragment Caching in ASP.NET?   **(5)**

(b) What are the Application_Start and Session_Start subroutines used for? Explain with the help of example.   **(5)**

Unit-IV

Q8 (a) What is Service Oriented architecture?   **(5)**

(b) What is XML? What is the difference between XML and C? Does XML replace HTML?   **(5)**

Q9 (a) Give the overview of Grid and Cloud Computing.   **(5)**

(b) What is SOAP? What are the Latest trends in web Technologies?   **(5)**

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