

**Code: 9F00402**

**MCA IV Semester Regular & Supplementary June 2012 Examinations  
WEB TECHNOLOGIES**

**(For 2009 & 2010 admitted batches only)**

**Time: 3 hours**

**Max Marks: 60**

**Answer any FIVE questions  
All questions carry equal marks**

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1. Write a HTML script to manage personal details of a student like name, class, qualifications, photo, address etc., using tables and other suitable tags.
2. (a) Explain the advantages of DHTML with JavaScript with suitable examples.  
(b) Write a script to count the number of characters entered by a user in a textbox and limit it to a particular number.
3. (a) Differentiate DOM & SAX.  
(b) How does XML use both streaming and tree-based parsing?
4. (a) Develop a JSP with a Bean in the application scope.  
(b) What is a scriptlet? Write about scriptlet elements.
5. (a) Explain the process of session tracking using cookies.  
(b) Give a note on servlet API.
6. (a) What are the limitations of servlets.  
(b) Explain how JSP processing is handled. Also show how JSP are better than servlet.
7. Explain how JSP is used to develop a web-based application. Use a suitable example.
8. (a) How are Java Beans deployed in JSP?  
(b) How is database accessed from JSP pages?

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