END TERM EXAMINATION

SIXTH SEMESTER [B.TECH] MAY- JUNE 2017

Paper Code: ETCS-308	Subject: Web Engineering
Time: 3 Hours	Maximum Marks: 75

Note: Attempt any five questions including Q.No1 which is compulsory.

Q1　(a) State the difference between Internet and World Wide Web.　(2)
　　(b) What is the difference between HTML and XHTML?　(2)
　　(c) What are the different components of CSS?　(3)
　　(d) What is NaN?　(1)
　　(e) Name any three predefined JSP tags.　(3)
　　(f) Briefly explain lifecycle of a Servlet?　(3)
　　(g) What are Plugins?　(2)
　　(h) What are the technologies used in Web 2.0?　(3)
　　(i) What are widgets?　(2)
　　(j) What do you mean by parameter tampering?　(2)
　　(k) What is fuzzer?　(2)

Q2　(a) What are the limitations of HTML?　(4)
　　(b) Describe CSS Box Model with an example.　(5)
　　(c) Explain DHTML and its features.　(3.5)

Q3　(a) Discuss XML and XSLT with an example.　(7.5)
　　(b) What is DTD?　(2.5)
　　(c) What is WML?　(2.5)

Q4　(a) Create a student registration form in HTML and validate the name and email field using JavaScript.　(7.5)
　　(b) Explain the concept of event handling in JavaScript.　(5)

Q5　(a) Explain the architecture of Servlets? Differentiate between doPost() and doGet().　(3.5+4=7.5)
　　(b) Write a program to print HELLO WORLD using JSP.　(5)

Q6　(a) What are the primary security controls?　(4.5)
　　(b) What are the different types of security threats and what are their possible solutions?　(4+4=8)

Q7　(a) What is session management? What is session hijacking? How can it be prevented?　(6.5)
　　(b) What are the features Wireless Application Firewalls?　(6)

Q8　(a) Explain web syndication.　(6)
　　(b) Why Web 3.0 is referred as semantic web? How is web 3.0 different from Web 2.0?　(2.5+4=6.5)

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