

*Total No. of Questions :10]*

*[Total No. of Printed Pages :3*

Roll No .....

**CS - 802**  
**B.E. VIII Semester**  
Examination June, 2013  
**Web Engineering**

*Time : Three Hours*

*Maximum Marks : 100*

*Minimum Pass Marks :35*

**Note:** Total no. of questions are 10. Attempt one question from each unit. Assume missing data, if any, suitably.

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**Unit - I**

1. a) What is HTML? Briefly explain the idea of Hyper Text and Hyper media?
- b) Give brief introduction to TCP/IP reference model?

Or

2. a) What is the need of Domain name system (DNS)? In how many ways a name space can be organized?
- b) What is a web server? Discuss various features of web servers? Also discuss web Coaching?

**Unit - II**

3. a) What do you mean by Information System? Why information is so important for an individual or an organization?

- b) What do you mean by website? How does a client build the communication to a website? What is the impact of communication breakdowns on a website? How can this be prevented?

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Or

4. a) What is user authentication? What are three threats associated with user authentication over a network or Internet?
- b) What do you mean by Requirements Engineering for web applications? How we can adopt requirement engineering methods to web applications.

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### Unit - III

5. a) Write an HTML code to show how one vertical frame window and second vertical window is further split horizontally using nested frameset?
- b) What do you mean by CSS? Also discuss CSS rules?

Or

6. a) What is style sheet? What are the ways of creating style sheets?
- b) What is CGI script? What is the procedure to write a simple CGI script?

### Unit - IV

7. a) What do you mean by XML? Why is XML such an important development?
- b) What is DTD? Where we can get it?

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8. a) What are the naming rules in XML?
- b) What do you mean by Ontology? What are the common components of Ontologies?

### **Unit - V**

9. a) What is E-Commerce? What are the advantages and disadvantages of E-Commerce?
- b) What are the loopholes of buying and selling over Internet?

Or

10. a) What are the problems with traditional payment system as compared to electronic payment system?
- b) Explain the importance of EDI for E-Commerce?

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