

Total No. of Questions : 8]

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Roll No .....

**CS-802****B.E. VIII Semester**

Examination, June 2017

**Web Engineering****Time : Three Hours****Maximum Marks : 70**

**Note:** Answer any five questions, All question carry equal marks.  
Assume missing data if any, suitably.

1. a) Discuss the various threats involved in client server communications and how are they encountered in E-commerce business. 7
- b) What are Cookies? Why cookies can compromise privacy? Also describe how one can protect against cookies. 7
2. a) Explain the steps to develop design of a web site. What are the main characteristics of a good web design? 7
- b) Explain principles of Requirement Engineering (RE) and criteria for adapting RE methods for web applications. 7
3. a) Create a simple HTML page which demonstrates the use of the various types of lists. Try adding a definition list which uses an unordered list to define terms. 7
- b) What is the use of CSS in DHTML? Explain the methods of using CSS with HTML. Write a suitable program to demonstrate. 7

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4. a) What are the goals of XML? Explain the four possible keywords in a DTD declaration with suitable examples. 7
- b) Define an XML schema. Show how an XML schema can be created. 7
5. a) What is a namespace? Describe how a namespace is created with a relevant example. 7
- b) Explain how a server generates dynamic content by giving suitable example. 7
6. a) Who are the stakeholders in E-commerce information system? Explain the benefits and limitations of E-commerce. 7
- b) What is e-payment? Why is orientation and standardization required for e-payment business? 7
7. a) With the help of any example web site explain the perspectives of the buyers and sellers in a B2B Ecommerce web site. 7
- b) Discuss the security requirements of Internet and E-commerce applications and how these requirements are fulfilled by various hardware and software systems. 7
8. Write short notes on any two of the following: 7 each
  - i) DNS
  - ii) AJAX functionality
  - iii) Software Engineering V/S web Engineering

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