

<b>7E5100</b>	Roll No. _____	[Total No. of Pages : 2]
	<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;"><b>7E5100</b></div> <b>B. Tech. VII Semester (Main) Examination-2013</b> <b>Information Tech.</b> <b>7IT4 Internet Programming</b>	

**Time : 3 Hours**

**Maximum Marks : 80**

**Min. Passing Marks : 24**

**Instructions to Candidates:**

*Attempt any **five** questions, selecting **one** question from **each** unit. All questions carry **equal** marks. (Schematic diagrams must be shown wherever necessary. Any data you feel missing suitably be assumed and stated clearly. Units of quantities used/calculated must be stated clearly.)*

**Unit - I**

1. a) What is cascading style sheets. Write CSS code for the followings:-
  - i) How to set background color of web page.
  - ii) How to set space between characters.
  - iii) A fixed background image. (8)
- b) Create an XHTML document containing three ordered lists: ice cream, soft serve and frozen yogurt. Each ordered list should contain a nested, unordered list of your favourite flavors. Provide a minimum of three flavors in each unordered list. (8)

**OR**

1. a) Differentiate between:-
  - i) XSLT/RSS
  - ii) DTD/HTTP
  - iii) HTTP/HTTPS
  - iv) Web server / web service
  - v) URI / URL. (2×5=10)
- b) What is webserver? How it is different from proxy server. Explain. (6)

**Unit - II**

2. a) What do you mean by well formed XML document? What are the parsing techniques of XML? Discuss about them. (8)
- b) Where does Java script fit into web document? Write a Javascript script that reads a line of text from the keyboard and print a table indicating all the words starting from the uppercase letters. (8)

**OR**

2. a) What is DTD? How is it useful for validating XML? Explain with suitable example. (8)

- b) Write short notes on:-  
i) XML namespaces  
ii) DOM. (4×2)

**Unit - III**

3. a) Describe the differences between traditional web applications and Ajax applications. (8)  
b) Explain the followings:-  
i) Client side scripting Vs server side scripting.  
ii) Dojo toolkit. (4×2)

**OR**

3. a) Explain XML Http request object with their properties and methods. (8)  
b) Create an Ajax enabled version of feedback form which contains fields like name, comments, e-mail addresses etc. ensure that each field is nonempty and check the validity of e-mail address. Create a XML file that contains a list of e-mails addresses that are not allowed to post feedback. (8)

**Unit - IV**

4. a) Describe how cookies can be used to store information on a computer and how the information can be retrieved by a PHP script. Assume that cookies are not disabled on the client. (8)  
b) How connectivity to a database is performed in ASP. NET. Explain all the steps. (8)

**OR**

4. a) Explain the followings in PHP:-  
i) String processing and regular expression.  
ii) form processing and Business logic. (4×2)  
b) Create an ASP. NET page that uses a persistent cookie to keep track of how many times the client computer has visited the page with in one month expiration date. (8)

**Unit - V**

5. a) How JSP page translates into servlets? Describe all standard action elements and all scripting elements used in JSP? (8)  
b) Explain JSF components in detail with a suitable example. (8)

**OR**

5. a) explain the following in context of JSP:-  
i) Request and Response objects.  
ii) Cookies and their use .  
iii) Directness (8)  
b) Write short notes on:-  
i) Net Beans  
ii) Session Tracking (4×2)