

**7E5100**

Roll No. \_\_\_\_\_

[Total No. of Pages : 2]

**7E5100****B. Tech. VII Semester (Main) Examination-2013****Information Tech.****7IT4 Internet Programming****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)