

ANNA UNIVERSITY  
COLLEGE OF ENGINEERING, GUINDY  
B.Tech Degree EXAMINATIONS, April/May 2011.  
(Arrear Examination- R 2004)

VI SEMESTER  
IT383 Web Technology

Time: 3 Hrs

Max.Marks: 100

Part A (10 \* 2 = 20 Marks)

Answer All Questions.

1. List all the Text Formatting tags in style sheets with examples.
2. What do you mean by URI?
3. List some of the CGI environment variables.
4. Write a PERL program to compute the total number of words present in a given input string.
5. Define SOAP.
6. How X-Pointer is used?
7. Differentiate AdRotator component with ContentRotator in ASP.
8. What do you mean by Web services?
9. How do Search Engines work?
10. Mention the significance of Internet Commerce.

Part B (16 \* 5 = 80 Marks)

11. a) i) Write a Java script program to capture the coordinates of the cursor's current location. (4)
  - ii) Divide the browser screen into four segments. Position some content in each segment using absolute positioning. Link each segment into a different file. (4)
  - iii) Discuss briefly on the role of Next Generation Internet. (8)
12. a) i) Illustrate the usage of Regular Expressions in PERL with suitable examples. (8)

ii) Write a CGI program which changes the color of the screen accordingly to the selected regions of an image being clicked. (8)

(OR)

b) i) Discuss the features involved in E-Mail Generation in detail. (8)

ii) Write short notes on HTML Tags Emulation. (8)

13. a) Create a weather reporting system using the following:

i) Construct a XML file for Tourism domain. (4)

ii) DTD for the above. (4)

iii) Transform the Tour places details and display it in a HTML page based on the geographical regions when Place of interest is given as input.(Use XML DOM) (8)

(OR)

b) i) How do you format block areas using XSL-FO? Discuss with examples (8)

ii) Explain about the Complex type elements and its indicators in XSD. (8)

14. a) i) Write a Java Servlet program that uses session tracking to count the number of times a client has accessed it. The Servlet also displays the date and time when this page was last accessed and the current access. (8)

ii) Design a Web page using JSP, which accepts name, email id, phone number and personal interest about the user. Return a welcome message to the client according to the user's interest with appropriate values. (8)

(OR)

b) i) Explain the different kinds of firewalls in detail. (10)

ii) What is SSI? Discuss the role of SSI in Server Side Programming. (6)

15. a) Simulate an Online Complaint Registration system using web technologies.(16)

(OR)

b) Write short notes on:

i) Applications of EDI in business. (8)

ii) JSP Plugins. (8)