

B.Tech (Full Time) DEGREE END SEMESTER EXAMINATIONS, APR/MAY 2012

INFORMATION TECHNOLOGY

IT383-WEB TECHNOLOGY

Semester VI

(REGULATION 2004)

TIME: 3 hour

Max. Mark: 100

Part A (10 * 2 = 20 Marks)

Answer ALL questions

1. Define web service and web application.
2. What are the features of Java Script?
3. What is mean by CGI? List any 2 CGI based applications.
4. What are the two major protocols for accessing email from servers?
5. What is XML? How is it different from HTML?
6. What is XSL and why it is used?
7. List the JSP implicit objects?
8. What is the purpose of plug-in?
9. List the various methods in File System object?
10. State the advantage of e-commerce over traditional procedure.

Part B (5 * 16 = 80 Marks)

11. Create a HTML form for taking sales orders for popcorn. Three text boxes are used at the top of the form to collect the buyers name and address. These are placed in a borderless table to force the text boxes to align vertically. A second table is used to collect the actual order. Each row of this table names a product with the content, displays the price and uses a text box with size set to 2 to collect the quantity ordered. The payment method is input by the user through one of the four radio buttons. You must have event handlers for the form elements that collect this information that check the input data for correctness. Messages in alert windows must be produced when error are detected. (16)
12. a. i) What is mean by CGI explain in detail. Write a cgi-perl module for how to read the web content dynamically (10)
ii) Explain any six JavaScript events with example. (6)
(Or)
b. Explain the email generation using CGI in detail. (16)

13. a.i) Explain in detail the various methods of DOM. (8)
ii) Explain how XML parser works? (8)

(Or)

b. What is SOAP? And what are the building blocks of SOAP? With simple example explain how the request is send to a server and how do you get the response from the server? (16)

14. a. Develop a JSP to find the type, capabilities and version of each browser that visits your site. (16)

(Or)

b.i) List out the key objects of ASP and highlight the features of their properties, methods and events. (10)

ii) Write short note on followings i) Firewalls ii) proxy servers. (6)

15. a. Explain the various e-business models in detail. (16)

(or)

b.i) Explain briefly the IIS web server. (8)

ii) Explain the EDI applications in business. (8)