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**B.E / B.Tech ( Full Time ) DEGREE ARREAR END SEMESTER EXAMINATIONS, APRIL / MAY  
2014**

**COMPUTER SCIENCE AND ENGINEERING**

**SIXTH SEMESTER  
CS 385- WEB TECHNOLOGY  
(REGULATIONS 2004)**

Time: 3 Hours

Answer ALL Questions

Max. Marks 100

**PART-A (10 x 2 = 20 Marks)**

1. What is the role of ISP?
2. Justify the need for client side scripting.
3. What is the drawback using CGI?
4. What is the cascading order of style sheets?
5. How would you link an image to a URL? Give the code snippet.
6. How is XML parsing done with SAX parser?
7. What is 'Server Side Includes' technology?
8. How is a scripting language different from programming language?
9. Mention the most commonly used user events.
10. What is EDI?

**Part – B ( 5 x 16 = 80 marks)**

11. (i) Summarize the interactions that takes place between a host computer and a DNS server. (8)  
(ii) Write about various internet protocols and their applications. (8)
12. a) Create a HTML form to accept username and password and to submit it to the server side script file "abc.pl". (8)  
(ii) Write about CGI authorization and security issues. (8)

**OR**

- b) (i) Depict the life cycle of applets. How applets are embedded into HTML pages?  
Give the code snippet. (8)  
(ii) Create an Applet based application to add or subtract any two numbers entered in text boxes. Display the result in another text box. (8)
13. a) (i) Why should namespaces be used in XML? Explain with an example. (8)  
(ii) Give an example of a DTD. (8)
- OR**
- b) Explain in detail about the SOAP architecture. (16)
14. a) (i) What is a firewall? Explain the basic technique of implementing a firewall. (8)  
(ii) List out the objects associated with ASP and highlight the features of each object. (8)
- OR**
- b) (i) Write a JSP script to illustrate the page and include directives. (8)  
(ii) Illustrate with an ASP program to display different images whenever a visitor visits a webpage. (8)
15. a) Design an application for online student registration for a course with a database. (16)
- OR**
- b) Design an application for online bookstore with database. (16)