

A 1319

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2007.

Sixth Semester

Information Technology

IF 366 — WEB TECHNOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Name four W3C recommended standards.
2. What is meant by well-known port?
3. What is the use of <noframe> tag in HTML?
4. What is the difference between 'get' and 'post' methods?
5. Explain object serialization.
6. Define content handler.
7. Compare ASP and JSP
8. Write the style sheet for displaying text with a different background and bigger font size.
9. What are cookies?
10. What is meant by Plug-in?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Discuss various client server models of Internet in detail. (8)
(ii) Describe Document Object Model of HTML in detail. (8)

Or

- (b) (i) What is meant by Scripting Language? Explain the features of any one of the scripting languages. (12)
(ii) Write the HTML tags for constructing a frame with suitable example. (4)

12. (a) (i) Develop a user registration form for an email account with necessary details. Use any six HTML form objects in the page. (10)
(ii) Explain the working of CGI scripts. (6)

Or

- (b) (i) List down the expected capabilities of a browser. (6)
(ii) Describe the SMTP protocol in detail. (10)

13. (a) (i) Explain the processes of invoking a method using Remote method Invocation with an example. (12)
(ii) Define the term marshaling and unmarshaling. (4)

Or

- (b) (i) What is protocol handler and explain the guidelines for creating protocol handler? (12)
(ii) Write short notes on multicast routing. (4)

14. (a) (i) Discuss about the various firewall types in detail. (8)
(ii) Describe the benefits of cascading style sheets. Develop an external style sheet for <form> and <table> tags. (8)

Or

- (b) (i) What is meant by Server Side Includes? Explain the common Server Side Include commands. (8)
- (ii) Why DTD is required in XML and explain the XML DTD with an example. (8)
15. (a) (i) Write short notes on EDI process and its application. (8)
- (ii) Develop a simple application that provides the marks of an entrance examination for a valid registration number. (8)

Or

- (b) (i) Discuss in detail the various Internet commerce applications. (12)
- (ii) What are the issues in developing Internet Information Systems?(4)
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