

R423

B.E./B.Tech. DEGREE EXAMINATION, APRIL / MAY 2005.
Sixth Semester

Information Technology

IF 366 - WEB TECHNOLOGY

Time: Three hours

Maximum: 100 marks

Answer ALL questions.
PART A - (10 x 2 = 20 marks)

1. What is SOAP?
2. What is the need of ICMPV6?
- 3.. What does CGI Environment variables denote?
4. How Cookies are handled in PERL?
5. What is meant by Serialization?
6. What is Multicasting? What are the differences between multicasting and broadcasting?
7. Differentiate Static web pages and Dynamic web pages.
8. What are the various styles in CSS?
9. What -are the various levels of monitoring the user events?
10. What are the types of Internet Commerce?

PART B - (5 x 16 = 80 marks)

11. (i) Explain different types of Client/Server Model. (8)
 - (ii) Write notes on HTML and Scripting Languages with example. (8)
 12. (a) (i) Design a HTML form for a railway reservation system. (8)
 - (ii) What are the ways by which a server and browser can communicate. (8)
- Or
- (b) (i) Explain HTML tags Emulation with PERL. (8)
 - (ii) Briefly explain the operation Scenario of SMTP Protocol. (4)
 - (iii) What are the various ways by which authorization and Security can be imposed in the Internet? (4)

13. (a) (i) Implement a JAVA Client and Server side Socket program to exchange the message between them. (8)

(ii) Explain in detail the RMI and activation with example. (8)

Or

(b) (i) How a Buffered stream is implemented? (6)

(ii) Explain the following Networking principles: (10)

(1) Switching (3)

(2) Gateways and Byte Ordering (4)

(3) Multiplexing / Demultiplexing. (3)

14. (a) (i) Describe the various types of firewalls (8)

(ii) Explain about how JDBC is used to connect multiple database. (8)

Or

(b) (i) What are implicit objects in JSP and Explain? (5)

(ii) Give a notes on XML Application. (5)

(iii) Explain the HTML DOM. How it is used to design the web page? (6)

15. (a) (i) Explain the process of EDI. (8)

(ii) What is Internet Commerce? Mention its types and explain them. (8)

Or

(b) (i) What are the various B2C applications? (6)

(ii) Mention the various types of Information Services available in Internet and explain each of them. (10)