

**R 8409**

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2006.

Sixth Semester

Information Technology

IF 366 — WEB TECHNOLOGY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. What are web clients and servers? Give example for each one.
2. What are image maps and hot regions?
3. List the global HTML attributes with their purpose.
4. Why XML has been adopted as a standard in companies that need to manage documents?
5. What is socket? How the Internet uses sockets?
6. What is a proxy server? Why it is needed?
7. List the key features of dynamic HTML in Internet Explorer.
8. What is meant by parsing and server sides include?
9. Define electronic commerce.
10. What factors make the Internet useful for EDI?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain the text level and block level formatting tags available in HTML. (8)
- (ii) Briefly explain any two Internet protocol. (8)

Or

- (b) (i) What are the essential factors to be considered for designing a web site? Explain. (12)
- (ii) What are the merit and demerit of SGML? (4)

12. (a) (i) What is a form? Explain the elements of a form. (10)  
(ii) Explain CGI script portability issues in detail. (6)

Or

- (b) (i) Explain the needs for the CGI client side applets with suitable example. (8)  
(ii) Describe the architecture and services of Email system. (8)
13. (a) (i) Explain remote method invocation with suitable example. (8)  
(ii) Discuss about any four networking classes available in java.net package. (8)

Or

- (b) (i) What is the difference between broadcasting and multicasting? Explain multicasting with an example. (8)  
(ii) What is serialization? Illustrate object serialization and deserialization with suitable example. (8)
14. (a) (i) What is style sheet? What are the three ways of creating style sheets? Briefly explain. (12)  
(ii) Write DHTML code to display a given message in the browser status bar. (4)

Or

- (b) (i) Discuss about ASP objects in detail. (10)  
(ii) Explain the classes of markup in XML in detail. (6)
15. (a) (i) Describe any two EDI application in Business in detail. (12)  
(ii) What is plug-ins? What are its advantages? (4)

Or

- (b) (i) What is JDBC? Compare JDBC with ODBC. (10)  
(ii) Describe the difficulties involved in customization of Internet commerce. (6)