MCA/M-17
WEB TECHNOLOGIES
Paper: MCA-14-25

Time: Three Hours   Maximum Marks: 80

Note: Attempt five questions including No. 1 which is compulsory. All questions carry equal marks.

Compulsory Question

1. (a) State the use of web server logs and list the contents of a message log.
    (b) Mention the need for cascading style sheets.
    (c) Explain in brief the interaction between a web server and HTML.
    (d) List some HTML intrinsic attributes.
    (e) What is meant by a XML namespace?
    (f) Define Serialization.

Unit-I

2. Differentiate the Web applications vs. Conventional software. Also discuss their relevant applications.

3. Write short notes on the following :
    (i)   URL
    (II)   HTTP
    (III)   Virtual Host
    (IV)   Secure Servers.

Unit-II

4. (a) State the types of lists supported by HTML and explain them in detail.
    (b) Write notes on HTML and Scripting Languages with example.

5. (a) Discuss the various features of CSS with examples. How is external style sheet more useful in web design page?
    (b) Explain in detail CSS border and CSS outline

Unit-III

6. What is a Session? Explain how client state is maintained using session and also explain about session tracking and session management using an example.

7. (a) What is CGI? Explain server architecture in detail.

(b) Discuss servlet life-cycle. What are different servlet capabilities?

Unit-IV

8. (a) Explain in detail the XML schema, built in and user defined data types in detail.

   (b) List and explain the XML syntax rulers in detail.

8. List any two differences between HTML respect to elements and XHTML with also explain about the XHTML DTD.