

Roll No.

Total Pages: 3

10216

MCA/M-15
WEB ENGINEERING
Paper-MCA-401

Time Allowed: 3 Hours]

[Maximum Marks: 80

Note: Attempt five questions in all, selecting at least one question from each unit.
Question No. 1 is compulsory.

Compulsory Question

1. (a) What do you mean by Searching system?
(b) Discuss collaboration and communication.
(c) Discuss meta tag and its important attributes in HTML.
(d) What does the term “cascading” in CSS indicate? What are the advantages of CSS?
(e) What is Common gateway interface?
(f) What are various JSP components?
(g) How do we read the cookies?
(h) What are the features of XML?

UNIT-I

- 2 (a) Discuss various types of Navigation systems. How will you design a user friendly navigation system?
(b) List the main jobs of an information Architect.
3. What are the guidelines for creating a good Web-site? Describe various phases of Web-site design and implement them with the help of a simple web site design.

UNIT – II

4. (a) How do you embed graphics in HTML? Discuss the relevant tag and the options.
(b) How can you perform the followings using HTML?
(i) Setting page layouts
(ii) Formatting text
(iii) Setting text styles.
5. (a) Explain the method for assigning a background design, a background color and a text color for a document in HTML.

(b) What is the purpose of inserting comment line in HTML document and how these comment lines are inserted?

UNIT-III

6. Write short notes on the following:

- (a) Browser request
- (b) URL
- (C) Proxies

7. (a) How can we perform the following w.r.t. JSP?

- (i) Retrieving a query string
- (ii) Configuring and troubleshooting
- (iii) Working with beans.

(b) Discuss differences between GET and POST methods of the HTTP protocol.

UNIT – IV

8. How is XML compatible with other web technologies like HTML and SGML? How does it behave with CSS and XSL? Describe a well formed XML document including its logical and physical structure.

9. (a) Discuss, how PHP works at conceptual level.

- (b) How can we embed XML into HTML documents?
- (c) Write a short note on .NET technology.