

MCA/ M-12
WEB ENGINEERING
Paper-MCA-401

Time allowed: 3 hours

M.M.: 80

Note: Attempt any five Questions, selecting at least one question from each Unit.
Question No. 1 is Compulsory.

Compulsory Question

1.
 - (a) Define Web Engineering. Draw a diagram to Categorize web applications.
 - (b) Write the steps to show how search engine works.
 - (c) How CSS can be used to change the view?
 - (d) What are main organizational challenges to develop a web site ?
 - (e) How to embed XML into HTML documents.
 - (f) What are disadvantages of using Java Script?
 - (g) Explain all the usages of Cookies.
 - (h) Explain CGI.

8*3=24

Unit-I

2. What are the different phases of web site development? Write down the steps to enhance your web site. 14
3.
 - (i) Define the term collaboration and communication. 14
 - (ii) Explain the process of web publishing. 14

Unit-II

4.
 - (i) Write HTML code which includes table, hyperlink, character formatting, order and unordered list and CSS to display course information. 10
 - (ii) How database is integrated with HTML 4
5. Write a short note on any of two with example:
 - (i) CSS
 - (ii) Frames and Forms
 - (iii) Meta information. 14

Unit-III

6.
 - (i) Explain the sever side technologies.
 - (ii) Write short notes on CGI and Perl. Why they are popular? 14
7.
 - (i) Explain Java Script built in objects.
 - (ii) Write a short note on ASP and JSP. 14

Unit-IV

8.
 - (i) How XML is different from HTML ? Are they complementing to each other? 7
 - (ii) Explain the relationship between SGML, XML and HTML. 7
9. Develop a home page of an organization of your choice using HTML, CSS and Java Script. It must have navigational menus etc. 14