

21/05/2019

Roll No.

Total Pages : 03

MCA/M-19

10505

WEB TECHNOLOGIES

MCA-14-25

Time : Three Hours]

[Maximum Marks : 80

Note : Q. No. 1 is compulsory. Attempt *Four* more questions, selecting at least *one* question from each Unit.

1. (a) Describe any *two* characteristics of web applications.
- (b) Describe the core syntax of CSS.
- (c) Define ip-based virtual hosting.
- (d) State *two* main differences between session and cookies.
- (e) Describe the XML namespace.
- (f) What is DTD ? How is it created ?
- (g) What is the role of xml in website designing ?
- (h) What is use of XLINK ? 8×2=16

Unit I

2. (a) What is URL ? Discuss its various elements. 6
- (b) What is web server ? Explain its features. How web server is different from secure server ? 10

3. (a) Write short notes on the following :
Header fields, status line, blank line and status code. 8

- (b) Describe the different categories of web applications. 8

Unit II

4. (a) How to design a form in html ? Explain with example. 8

- (b) How to link a html page to another page ? 4

- (c) What are the different style properties used for positioning an elements ? 4

5. (a) How would you give headers to the table columns in HTML ? Also explain how to add a border to the table. 8

- (b) Design an HTML page that contains three frames. Also state the use of 'noresize' attribute. 8

Unit III

6. (a) What are literals ? How can it be used in JavaScript ? 8

- (b) Differentiate server side programming and client side programming. 8

7. (a) Explain array handling in JavaScript. Write a program to add two arrays using multidimensional array. 10
- (b) Explain JavaScript function with suitable example. 6

Unit IV

8. (a) Explain the different attributes used in XML. 6
- (b) What is prolog section and DTD in XML ? Explain the structure of XML with example. 10
9. Write short notes on the following : 16
- (i) XPATH (ii) XSL
- (iii) SGML (iv) Well formed XML.