

DEPARTMENT OF INFORMATION TECHNOLOGY
QUESTION BANK

SUBJECT : IT8501 Web Technology

SEM / YEAR: V Sem/ III Year

UNIT I - WEB SITE BASICS AND HTML							
Web Essentials: Clients, Servers, and Communication. The Internet-Basic Internet Protocols -The World Wide Web-HTTP request message-response message-Web Clients Web Servers. Markup Languages: XHTML. An Introduction to HTML History-Versions-Basic XHTML Syntax and Semantics-Some Fundamental HTML Elements-Relative URLs-Lists-tables-Frames-Forms-HTML 5.0.							
PART — A							
Q.No	Questions	BT Level	Competence				
1.	List any four common browsers.	BTU	Remembering				
2.	Define URI.	BTU	Remembering				
3.	State the use of web server logs and list the contents of a message log.	L2	Understanding				
4.	List the different basic protocols used in Internet.	BTU	Remembering				
5.	What do you mean by Relative URLs?	BTU	Remembering				
6.	Write the functions of a Web Server.	BTL2	Understanding				
7.	Explain the way in which a DNS scrvr resolves addressscs.	BTL5	Evaluating				
8.	State the uscs of Internet Protocol.	BTL2	Understanding				
9.	Write short notes on basic Internet protocols.	BTL2	Undcrstanding				
10.	List and explain the three flavors of HTML.	BTU	Remembering				
11.	State the function of DNS and the protocol used.	BTL3	Applying				
12.	List and explain any two HTML elements.	BTU	Remembering				
13.	Create two rows of horizontal frames using HTML frames.	BTL6	Creating				
14.	Write HTML code to display an imagc.	BTL3	Applying				
15.	How will you create a password field in a HTML form?	BTL4	Analyzing				
16.	Write HTML code to create the following table, <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse;"> <tr> <td style="padding: 2px 10px;">W</td> <td style="padding: 2px 10px;">X</td> </tr> <tr> <td style="padding: 2px 10px;">Y</td> <td style="padding: 2px 10px;">Z</td> </tr> </table>	W	X	Y	Z	BTL6	Creating
W	X						
Y	Z						
17.	Differentiate HTML and XHTML.	BTL4	Analyzing				
18.	Explain canvas in HTML.	BTL5	Evaluating				
19.	Choosc thc syntax to display thc following statcmcnt “I am lcaming Web Programming”	BTL5	Evaluating				

20.	Identify how a scripting language differs from HTML?	BTL3	Applying
PART — B			
1.	(i) Explain TCP/IP in detail. (7) (ii) Explain the purpose and way of creating lists in HTML documents. (6)	13TL2	Understanding
2.	Recall in detail about Internet and World Wide Web. (13)	BTU	Remembering
3.	Explain in detail the working of the following Internet Protocols. (i) TCP/IP (7) (ii) HTTP (6)	BTL2	Understanding
4.	(i) List and explain any four HTML elements in detail. (7) (ii) State the types of lists supported by HTML and explain them in detail. (6)	BTU	Remembering
5.	Create a HTML document for a company home page. (13)	BTL6	Creating
6.	(i) Explain the capabilities of web client and web server. (7) (ii) Write and explain HTTP request message format. (6)	BTL4	Analyzing
7.	Explain the significance of XHTML with the help of a real application. Write necessary code snippets. (13)	BTL5	Evaluating
8.	How do you create frames? Why do we need them? Develop an application to explain the same. (13)	BTL4	Analyzing
9.	(i) Explain the use of relative URL's with an example. (7) (ii) Explain how tables can be inserted into a HTML document with an example. (6)	BTL3	Applying
10.	(i) List any two differences between HTML respects to elements and XHTML with Also explain about the XHTML DTD. (7) (ii) Discuss on any four HTTP request methods. (6)	BTU	Remembering
11.	Explain HTML forms in detail along with form elements, attributes and methods. Write an HTML document to provide a form that collect name and telephone numbers. (13)	BTL2	Understanding
12.	Examine the basic XHTML syntax and semantics. (13)	BTL4	Analyzing
13.	(i) Explain in detail the functions of a web server. (7) (ii) Give the structure of HTTP request and response messages. (6)	BTL3	Applying
14.	Define HTML 5.0. List and explain some of the HTML 5.0 tags with examples. (13)	BTU	Remembering
PART — C			
1.	(i) Give the HTTP request message structure and explain it in detail. (8) (ii) List and explain the steps involved in a web based client server communication. (7)	BTL5	Evaluating

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