

Question Bank IT Workshop (CT 305-N)

1.	What is HTTP? How do browser and server communicate using HTTP request and response? Explain with example.
2.	Define Following terms <ol style="list-style-type: none"> 1. FTP 2. SMTP 3. HTTP 4. Client and server 5. Web server 6. Internet 7. Web Browser 8. URL 9. Query String 10. protocol
3.	Explain the difference between Elements and attribute in HTML?
4.	Explain type of list in HTML
5.	Explain the terms with example: <ul style="list-style-type: none"> • cellPadding • cellSpacing • colspan • rowspan • line-height
6.	What is meta tags? What are their purposes? Explain different meta tags in HTML with example
7.	What is CSS? Explain Class selector, ID Selector and pseudo class selector in CSS with example.
8.	Compare inline, embedded and external style sheet with example. Or Explain Type of CSS with suitable example
9.	Explain border, background and Text properties in CSS with example. Or Explain any 5 CSS properties with example
10.	Explain CSS positioning with example.
11.	Explain types of POPUPS (i.e. alert, confirm, prompt) with example
12.	Compare HTML and XHTML with example. <div style="text-align: center;">OR</div> Write short note on XHTML
13.	What is JavaScript? Explain scope, variables, operators and Array with reference to JavaScript.
14.	Explain any 10 functions of string with example. like <ol style="list-style-type: none"> i) charAt ii) substring iii) indexOf

	iv) valueOf v) lastIndexOf vi) search vii) slice viii) split ix) concat x) includes
15	Explain any 10 functions of Number with example.
16	Explain any 10 functions of Array with example.
17	Write note on Document Object Model with suitable example.
18	Write note on Browser Object Model with suitable example.
19	List seven mouse events in JavaScript. Explain mouse move and mouse click with proper example.
20	Explain how to handle timing events in JavaScript with suitable example (Hint: JavaScript can be executed in time-intervals. This is called timing events. The window object allows execution of code at specified time intervals. These time intervals are called timing events. The two key methods to use with JavaScript are: setTimeout(function, milliseconds) Executes a function, after waiting a specified number of milliseconds. setInterval(function, milliseconds) Same as setTimeout(), but repeats the execution of the function continuously.)
21	Write a short note on XML .Note Properties of XML
22	Explain Advantage and disadvantage of XML
23	Describe two type of XML validation methods.(i.e DTD and XML Schema) with example
24	Compare and contrast XML and HTML.
25	Which validation is better, client-side or server-side? Justify your answer.

Practice Program ITW

1.	Write a JavaScript that check whether entered number is prime or not.
2.	Write a Java script to validate student registration form using regular expression. -User name cannot contain Special characters -password must contain special symbol -Email address must be valid -user name cannot start with digit and cannot end with letter -checkbox of terms and conditions must be checked
3.	Design a web page which contains image and button element/tag. When button is clicked then images get changed periodically (every 5 Sec). Write HTML and JavaScript code to generate the same

4.	Write a HTML code to display following table		
	A		
	B	C	
		D	E
	G	H	I