

ITW IMP QUESTIONS

Chapter 1

(1) Define following terms.

(i) FTP

(ii) Internet

(2) Explain HTTP Request and response with an example.

(3) Explain following terms: Web Browser, HTTP, Query String.

(4) List and explain the different steps for planning a website.

(5) What is the difference between attribute and element? (geeks for geeks)

Chapter 2

(1) Explain ordered and unordered list with example. (w3school)

(2) What are meta tags? What are their purposes? Explain different meta tags in HTML with example. (w3school)

(3) Compare and contrast XML and HTML. (javapoint)

(4) What is frameset? Explain the use of frameset in web site design with proper example. (tutorialspoint)

(5) Explain form tag and its input element with suitable example. (w3school)

(6) What is the difference between tag and attribute? Explain with example. (geeks for geeks)

(7) What is XHTML? Compare XHTML and HTML with proper example

(8) Explain cellpadding, cellspacing, colspan, rowspan and line height with example.

(9) Write HTML code to display following table.

A			
B	C		
	D	E	F
G	H	I	

(10) Explain HTML table element with necessary attributes. Write a code to print following table

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(11)write down code to draw following table.

<table border="1"><tr><td></td><td></td></tr><tr><td></td><td></td></tr></table>						<ol style="list-style-type: none">1. Apple2. Banana3. Pineapple4. Mango	
	<table border="1"><tr><td></td><td></td><td></td></tr><tr><td colspan="3"></td></tr></table>						

Chapter 3

- (1)What is CSS?Explain class,id & pseudo class selector in CSS with example.(geeksforgeeks)
- (2)Compare inline,internal and external style sheet with example.
- (3)Explain CSS positioning with example.
- (4)Explain border,background,font and text properties in CSS with example.
- (5)Explain BOX MODEL.
- (6)Write down HTML/CSS code to create table with 5 rows and 3 columns,Even no.of rows display in green color and odd no.of rows display in yellow color.

Chapter 4

- (1)Write a javascript that check whether entered number is prime or not.

- (2) Write a JavaScript to validate student registration form using regular expression.
- (3) Design a web page which contains image and button element/tag. When button is clicked then images get changed periodically (every 5 seconds). Write HTML and JavaScript code to generate the same.
- (4) Why do you need validation? Show the use of regular expression in JavaScript to validate the email address with an example.
- (5) Develop simple calculator for addition, subtraction, multiplication and division operation using JavaScript.
- (6) What are the differences between client side and server side scripting language?
- (7) Write down JavaScript code to validate registration form (username, email, mobile no, address and password).
- (8) What are JavaScript objects? List the important built-in objects. How can you write your own object?

1. Username cannot contain special symbol
2. Password must contain special symbol
3. Email address must be valid
4. Username cannot start with digit and cannot end with letter
5. Checkbox of Terms & Condition must be checked

- (9) Which validation is better, client side or server side and justify your answer?
- (10) What is JavaScript? Explain scope, variables, Operator and Array with reference to JavaScript.
- (11) Write following JS code. Take user name from user and only print the character of string at odd position.
- (12) Explain alert(), confirm() and prompt() with example.
- (13) Explain \$_SESSION, \$_POST, \$_COOKIE, \$_GET, \$_SERVER with example.
- (14) Difference between \$_SESSION & \$_COOKIE.

Chapter 5

- (1) List seven mouse events in JavaScript. Explain mouse move and mouse click with proper example.
- (2) Write a program to demonstrate the use of AJAX and also state advantages and disadvantages of AJAX.
- (3) What is DHTML? Explain the use of frameset in web site design with proper example.
- (4) What is XML schema? Explain CDATA and PCDATA with example.
- (5) Write JavaScript code to demonstrate setTimeout and setInterval.

- (6) Create an XML document for student basic information.
- (7) Difference between XML schema and DTD
- (8) What is xslt? Explain in detail.
- (9) Explain following event in js (1) onfocus (2) onblur (3) onmouseover (4) onmouseout (5) onchange

Chapter 6

- (1) Explain index, associative & multivalued array in PHP.
- (2) Explain session and cookies in PHP with proper example.
- (3) Explain database connectivity in PHP with example
- (4) Write a PHP program to find whether entered year is leap year or not.
- (5) Write a PHP program to check if number is prime or not.
- (7) Explain File Upload with reference to PHP
- (8) Write PHP code to insert values in database.
- (9) Write PHP program to print first 10 Fibonacci numbers.
- (10) Explain basic functions of array in PHP.
- (11) Write modules using HTML and PHP to store information of employee (id, job title, years of experience) in array. And show output data on web page in ascending order of experience.
- (13) Write down PHP code to insert values of registration form in database (Username, Email, gender, age and mobile no)
- (15) Write PHP code to read the content from file and display it in Webpage.
- (16) Write PHP code to check whether the email address exists in database table or not.

If not redirect user to registration page else on login page
- (17) Explain array_push(), array_pop(), array_unshift(), array_shift(), array_merge().
- (18) Explain following functions of string (1) substr() (2) strpos() (3) strpos() (4) slice() (5) substr()
- (19) Differentiate echo and print.

Chapter 7

- (1) Explain useful MATLAB function.

