

IMPORTANT QUESTIONS

Sr No.	Questions																												
CHAPTER 1																													
1.	Write the request method in HTTP ? How does HTTP works ?																												
2.	List and Explain various CSS Transformation properties.																												
3.	Difference between GET AND POST method.																												
4.	Explain in detail IP Protocol.																												
5.	Write the HTML 5 code to drag a specific image and drop it on specific location.																												
6.	List and explain various CSS transition & Animation properties.																												
7.	Justify write about different methods for implementing cascading style sheet?																												
8.	Draw and illustrate 3-tier Web Architecture.																												
9.	Write the HTML code for following table <div><p>Table: Cricket Analysis</p><table><tr><th rowspan="2">Country</th><th colspan="3">Matches</th><th rowspan="2">Net RR</th></tr><tr><th>Played</th><th>Won</th><th>Lose</th></tr><tr><td>INDIA</td><td>30</td><td>29</td><td>1</td><td>+0.394</td></tr><tr><td>AUSTRILIA</td><td>36</td><td>30</td><td>6</td><td>-0.32</td></tr><tr><td>SHRILANKA</td><td>20</td><td>17</td><td>3</td><td>+0.23</td></tr><tr><td>ENGLAD</td><td>26</td><td>23</td><td>3</td><td>+0.29</td></tr></table></div>	Country	Matches			Net RR	Played	Won	Lose	INDIA	30	29	1	+0.394	AUSTRILIA	36	30	6	-0.32	SHRILANKA	20	17	3	+0.23	ENGLAD	26	23	3	+0.29
Country	Matches			Net RR																									
	Played	Won	Lose																										
INDIA	30	29	1	+0.394																									
AUSTRILIA	36	30	6	-0.32																									
SHRILANKA	20	17	3	+0.23																									
ENGLAD	26	23	3	+0.29																									
10.	Explain with proper syntax and example how to use different types of CSS selectors.																												
11.	Write an external stylesheet and link it with HTML code. The stylesheet should include the following i. The web page will have the background image “img1.jpg”. ii. The table headings will have red background color. iii. Background color of alternate paragraphs are different. iv. The hyperlink on the web page will not have underline																												
12.	Create a HTML page showing a message “I use media query”. Write media query such that the text color changes to light gray when browser window is 600px wide or less and otherwise it is black.																												
13.	Difference between Class Selector and ID Selector.																												
14.	Explain <audio> and <video> elements with example in HTML5.																												



15.	Write a Program for embedding audio and video in webpage.
16.	Difference between XML & HTML.
CHAPTER 2	
1.	List out the use of JSON and also mention what are the drawbacks of JSON.
2.	Write the properties and method of Document Object.
3.	Justify with the help of example how exception are handled in JavaScript.
4.	Try to find out the difference between JSON and XML.
5.	Write a code in JavaScript to set a cookie .Assume suitable data for it.
6.	Explain the in –built object provided in JavaScript with their properties and method.
7.	Explain "Window" object of JavaScript DOM. Write JavaScript code to change background color of the web page automatically after every five second.
8.	What is validation. Create a form that has following field, "Username", "Password", and "Confirm Password". Using JavaScript validate each field as follows: a. Username should of minimum10 characters. b. Password should contain 1 uppercase letter, 1lower case letter, 1 digit and 1 special character and the length of the password should be minimum 8. c. Confirm password should match password entered
9.	Write code to process online alumni information for your college . Create forms to get name , address , date of birth , email id , contact number , percentage , branch (use radio button for selection) and technology-prefered (use checkbox) . Write code to validate the following: i. User has filled all the fields prior to form submission. ii. Valid email-id (with '@' and '.') iii. Age Validation using DOB (≥ 22 years) iv. Percentage validation is minimum first class ($\geq 60\%$).
10.	Difference Between Client side scripting and Server side scripting.
11.	Write a program to check whether entered number is leap year or not.



	Or Write a program to check whether entered number is even or odd .
12.	
CHAPTER 3	
1.	What is Servlet ? Write the advantages and disadvantages of servlet.
2.	Draw and explain the architecture of Java Servlets and life cycle of servlet.
3.	State the types of cookies.
4.	What is session in servlet and list different ways to handle it.
5.	Try to find out Differentiate between traditional web applications and Ajax applications.
6.	Discuss various stages of request response life cycle in JSP.
7.	Write a program in JSP to display system date and time.
8.	Write the source code structure of a servlet example to write the HELLO WORLD .
9.	What is JSP ? Explain Lifecycle of JSP.
CHAPTER 4	
1.	What is Rich Internet Application ? Give the Characteristics of RIA
2.	What are benefits of JSON Over XML ?
3.	What are use of XMLHttpRequest object ? Explain methods that are used to send request to server using AJAX.
4.	What is AJAX ? Justify How AJAX works ?
5.	Explain in detail JQuery Framework with AJAX.
6.	Discuss the commonly used jQuery Event method.
CHAPTER 5	
1.	Explain XML & DTD with example.
2.	Create DTD for a catalogue of cars, where each car element has the Child element make, model, year, color, engine and doors. The engine element has the child element no-of-cylinders and fuel_type.
3.	Create a well formed XML document to maintain Library catalogue . It should contain the name of the book , author , publisher and year of publishing , format it in tabular manner using XSLT.
4.	How to define variable in PHP and explain the scope of variable.
5.	Explain how session management is done in PHP ? Clearly explain how to create , access and modify session in php ?
6.	Explain built in functions used in PHP



INTERNET PROGRAMMING

7.	Create a HTML Form to accept the details like Name (TextField) , Address (Textarea) , Gender (Radio) and Company Name (Dropdown box) fields from user, write the php code to store this information into employee table using MySQL database.
8.	Create a HTML Form to accept the details like Name (TextField) , Address (Textarea) , Gender (Radio) and Country (Dropdown box) fields from user , store it into MySQL database using php program.
9.	Write a program for insertion of record in table using PHP script.
10.	Explain String Functions in PHP.
CHAPTER 6	
1.	What is React JS ? List and explain different features of react.
2.	What is JSX ? Why we need JSX in React

