NATIONAL FORENSIC SCIENCES UNIVERSITY, DELHI CAMPUS
B.Tech.-M.Tech. Computer Science & Eng.-Sem V, Oct 2023
Mid Semester Examination

Subject Code: CTBTCSE SV P2
Subject Name: Web Development Technology

Date: Oct 31, 2023
Time: 1 Hr 30 Min
Total Marks: 50

Instructions:
1. This Question Paper consists of 7 Questions.
2. All the questions are compulsory.

1. Write a short note on the following questions: (4*3= 12 Marks)
   a) Define HTML and explain its significance in web development.
   b) Provide examples of at least two common HTML elements and explain their purposes.
   c) Discuss the concept of semantic HTML. Provide an example of one semantic HTML element and explain its usage.
   d) Define CSS and discuss its role in web development.

2. Create a basic HTML structure with the following elements: (6 Marks)
   Title: "My Web Page"

   Heading 1: "Welcome to My Web Page"

   Paragraph: "This is a simple web page."

   Style the heading of your HTML page using CSS. Modify the font size, color, and background color.

3. Create an HTML table with at least three rows and two columns. Populate the table with sample data of your choice.   (5Marks)

4. Create an ordered list with at least five items and an unordered list with at least three items.   (5 Marks)

5. Create a CSS class called "highlight" that changes the text color to red. Apply this class to one of the elements in your HTML document.   (5 Marks)

6. Describe the distinctions between inline, internal, and external CSS styles. Explain with suitable examples.   (7 Marks)

7. Define the CSS "box model" and its components. Provide explanations for the properties included in the box model in detail.   (10 Marks)

Set-B

Q1. Design the following static web pages required for an online book store website.

- Home page: The static home page must contain three frames.
- Login Page
- Catalogue Page: The catalogue page should contain the details of all the books available in the website in a table. Add a image for respective book.
- Registration Page

Q2. Find out the length of the 'property to alert the text input'. Concatenate 2 strings. Covert two strings into upper and lower case. Use slice method to return the word doctor from the string "an apple a day keeps the doctor away".

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NATIONAL FORENSIC SCIENCES UNIVERSITY
B.Tech. - M.Tech. Computer Science & Engineering (Cyber Security)
Semester – V – January - 2024

Subject Code:CTBTCSE SV P2   **Date: 02/01/2024**

Subject Name: Web Development Technology

Time: 11:00 AM to 2:00 PM   **Total Marks: 100**

Instructions:
1. Write down each question on separate page.
2. Attempt all questions.
3. Make suitable assumptions wherever necessary.
4. Figures to the right indicate full marks.

Q.1		**Give the answer in Brief. (Attempt any three)**	**24**
	(a)	Explain the purpose of JavaScript in web development.	08
	(b)	What are HTML tags? What is the function of HTML lists, and what are the different types of lists in HTML?	08
	(c)	What is function?How do you declare and use functions in JavaScript. Explain with example.	08
	(d)	Explain Given Function with Example. 1.match() 2.replace() 3.date_diff() 4. mysqli_connect()	08
Q.2		**Give the answer in Brief. (Attempt any three)**	**24**
	(a)	Explain the concept of session management in server-side programming.	08
	(b)	What is Array? Explain Associative array with Example.	08
	(c)	Explain the concept of Cookie in server-side programming.	08
	(d)	Explain CSS in Detail.	08
Q.3		**Write Code for Given Questions. (Attempt any three)**	**24**
	(a)	Design a Registration form using HTML Tag.	08
	(b)	Write a Java Script program to check given Number is odd or even.	08
	(c)	Write a PHP code for login page with proper validation.	08
	(d)	Write a PHP code for file uploading with form design.	
Q.4		**Give the answer in Brief. (Attempt any two)**	**14**
	(a)	Write a Php Code for Image Upload with Form Design	07
	(b)	Explain any 3 date fucntion of PHP.	07
	(c)	Explain the difference between jQuery and JavaScript	07
Q.5		**Give the answer in Brief. (Attempt any two)**	**14**
	(a)	Explain $_FILES ,$_SERVER,$_POST with example.	07
	(b)	Explain any 3 array sorting function with example.	07
	(c)	What is JQuery?Explain JQuery Selector with Example.	07

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