Seat. No. _____

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BE SEMESTER-III Examination December - 2023

Subject Name: IT Workshop
Subject Code: CT305-N

Date: 20/12/2023   **Time: 12:00 pm to 3:00 pm**   **Total Marks: 70**

Instructions:
1. Answer each section in separate answer sheet.
2. Use of scientific calculator is permitted.
3. All questions are Compulsory. ,
4. Indicate clearly, the option you attempt along with its respective question number.
5. Use the last page of main supplementary of rough work.

Section-I

Q-1 **(A)** What is HTTP? What are HTTP Request and HTTP Response Message? Explain in Detail. **[5]**

(B) Write an HTML code to display following table. **[5]**

A	B		C
D	E	F	G
	H		I

(C) Differentiate below. **[5]**
  i. Client side scripting and server side scripting.
  ii. Web Browser and Web Server.

OR

(C) What is Frameset? Explain the use of frameset in web site design with proper example. **[5]**

Q-2 **(A)** What is CSS? Explain Inline and External CSS with example. **[5]**

(B) List CSS background properties. Explain CSS background properties with suitable example. **[5]**

OR

Q-2 **(A)** Explain id, class and element selectors with example. **[5]**

(B) Explain CSS Margin, Padding and Border properties with example. **[5]**

Q-3 **(A)** Write a javascript program to check whether enter string is palindrome or not. **[5]**

(B) Write note on Document Object Model. **[5]**

OR

Q-3 **(A)** Write javascript program to check whether enter number is prime or not. **[5]**

(B) Design HTML form with (Name, Address, Mobile Number and submit button), write a javascript to validate Name and Mobile Number. **[5]**
  i.   Name should not be empty
  ii.   Enter value must be numeric.

Section-II

Q-4 **(A)** List mouse events in Javascript. Explain onmouseover and onmouseout event with [5] proper example.

(B) Design a Web Page which contains image and button. When button is clicked image [5] get changed periodically (after 10 second). Write HTML and Java script code to generate the same.

(C) What is XML? Explain XML file and XML schema file with example. [5]

OR

(C) What is Ajax? State advantage and disadvantage of Ajax. [5]

Q-5 **(A)** Differentiate below. [5]

       i.   GET and POST Method
      ii.   ECHO and PRINT

(B) Explain index array and associative array in PHP with example. [5]

OR

Q-5 **(A)** Explain database connectivity in PHP with example. [5]

(B) Write a PHP program to print first 10 Fibonacci numbers. [5]

Q-6 **(A)** Differentiate between HTML and XML. [5]

(B) Write a PHP program to make sum of first 100 even numbers. [5]

OR

Q-6 **(A)** Explain useful functions of Scilab. [5]

(B) List and explain the website design principles. [5]