

Course Code : 2305CS103**Date** : 06-12-2023**Course Name** : Web Technology - I**Duration** : 150 Minutes**Total Marks** : 70**Instructions:**

1. Attempt all the questions.
2. Figures to the right indicates maximum marks.
3. Make suitable assumptions wherever necessary.

- Q.1 (A)** Explain the Http Request Response mechanism. **4**
- (B)** Draw and describe client-server architecture. **3**

OR

Compare GET and POST method.

- (C)** Explain <table> tag with the rowspan, colspan, cellpadding and cellspacing attributes. Write HTML code to print following table. **7**

	average		other category
	height	weight	
males	1.9	0.003	yyy
females	1.7	0.002	xxx

OR

Demonstrate <meta>, <a>, , and tags with suitable example.

- Q.2 (A)** Demonstrate Media queries with example. **4**
- (B)** Write short note on web design issues. **3**

OR

List the tips for effective navigation.

- (C)** Explain the types of CSS and Write an HTML snippet with CSS for following effects. **7**
1. link: after visited red color and before visited blue color.
 2. table with odd rows pink and even rows blue color.
 3. Text color-green, Text-indentation-2cm, Text case-uppercase.

OR

Demonstrate CSS box model with suitable example. Write HTML snippet with CSS to

1. Change background color of webpage
2. Set an image as a background
3. Set a background image so it can be repeated over an area.

- Q.3 (A)** Demonstrate types of pop-up box with example. **4**

- (B) Describe types of java script with syntax. 3

OR

Discuss regular expression.

- (C) [1] Write a program to find factorial of a given number using java script. 7
[2] Write a program to find largest number from the given three number using java script

OR

Demonstrate following two pattern using loop in java script

Pattern-1:

```
*  
**  
***  
****  
*****
```

Pattern-2:

```
*  
**  
***  
****  
*****
```

- Q.4 (A) Explain Document Object Model. 4

- (B) Demonstrate getElementById() using html form. 3

OR

Demonstrate login form validation using javascript.

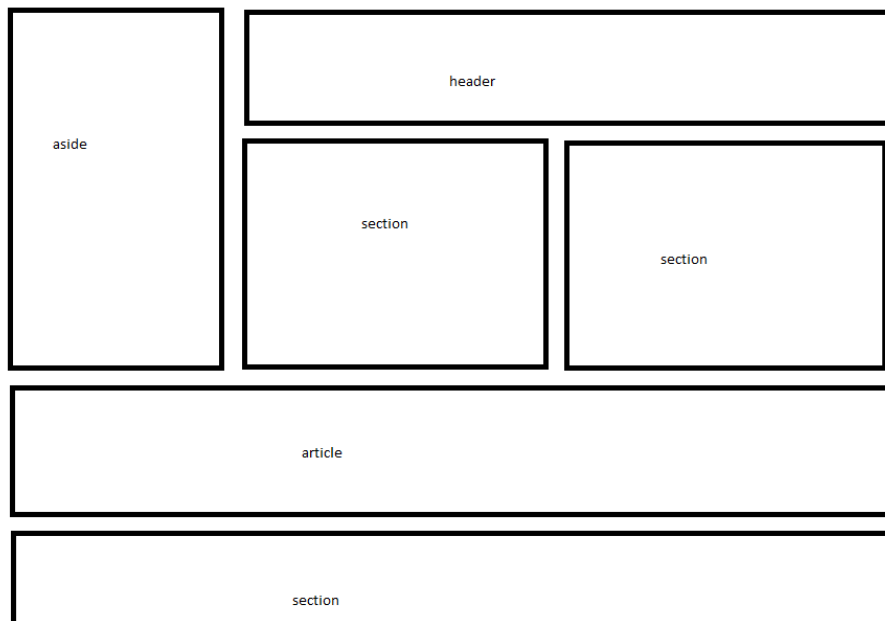
- (C) Explain map() method of ES6 with suitable example of an array of object. 7

OR

Explain filter() method of ES6 with suitable example of an array of object.

- Q.5 (A) Explain Break Points in Bootstrap. 4

- (B) Design the following layout using bootstrap. (Note: Don't use custom CSS use only built in classes of Bootstrap) 10



OR

Design the following layout using bootstrap. (Note: Don't use custom CSS use only built in classes of Bootstrap)

