SRI SHAKTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
COIMBATORE – 641 062
(Autonomous Institution)

B.E / B.Tech. DEGREE EXAMINATION, Nov/Dec 2023

First Semester - Computer Science and Engineering

21CS102- Front End Technologies (Regulation 2021)

Common to CSE(CS) and AI&ML

Time : Three Hours   Maximum : 100 Marks

PART – A (Answer ALL questions)   (20*0.5=10 Marks)

1. List out the basic Internet Protocols.

2. _____ is the set of rules that partners in communication use when they communicate.

3. Write a valid IPv6 address_____.

4. Expand WYSIWYG.

5. To start a list with number 3, we should write _____

6. Write any two form attributes.

7. Choose the following statement(s) is/are true?
    a) Attribute names must be in uppercase   b) Attribute values must be quoted
    c) Attribute minimization is mandatory   d) Attribute values should not be quoted

8. Write the code to make all paragraphs "RED".

9. Write the correct syntax for referring the external style sheet.

10. Write the output of following CSS code snippet? h1 {color: "green";}
    a) nothings happen   b) error occurs
    c) heading becomes dark-green   d) heading becomes green

11. CSS property converts text to initial capitals, all uppercase or all lowercase is _____
    a) text-decoration   b) text-uppercase   c) text-transform   d) text

12. The expected output of following CSS code snippet is ____
    h1 {color: red text-decoration: underline; font-style: italic;}
    a) color: red, text-decoration: underline works   b) only font-style: italic works
    c) color: red, text-decoration: underline and font-style: italic all works
    d) text-decoration: underline and font-style: italic works

13. JavaScript is also referred to as _____.

14. Predict the output of the following JavaScript code.
```
<script type="text/javascript">
        a = 8 + "8";
        document.write(a);
</script>
```

15. _____ is a way of embedding Client-side JavaScript code within HTML documents

16. _____ is the code for getting the current time

17. _____ class in bootstrap is used to create a big box for calling extra attention
   a..img-circle   b. .img-rounded   c. None of the above

18. The _____ class adds borders on all sides of the table and cells

19. Bootstrap's Grid System Allows Up To _____columns

20. Containers are nestable.(True/False)

PART – B (Answer ALL questions) (5*2=10 Marks)

21 Explain the switching techniques and classifications

22 State the difference between the <p> and the <div> element? In what contexts should one use the one over the other?

23 Sketch the Box Model

24 Write JS code to display an alert box when a button is clicked.

25 Explain how alerts are created? Mention the contextual classes.

PART – C (Answer any five questions) (5*14=70 Marks)

26	(i)	Illustrate the client-server model of communications in detail.	7
	(ii)	Create a HTML document display a product catalogue (any 2 products).	7
27	(i)	Demonstrate the HTTP with the types of headers in detail.	7
	(ii)	List the types of lists supported by HTML and write its syntax with example.	7
28	(i)	Illustrate the CSS Box model in detail with a suitable example	7
	(ii)	Write a Javascript Events code for mouse click, mover over and mouse out.	7
29	(i)	Outline various CSS positioning schemes in detail with an example.	7
	(ii)	Implement a JS program to perform addition, subtraction, multiplication and division	7
30	(i)	Create a web page for restaurant. Make use of Carousel (for 2 slides) in Bootstrap.	7
	(ii)	Illustrate the 3 different CSS types in detail with a simple example.	7

31 (i)   Design a registration sign up form for Face book (include text box, radio button, checkbox, dropdown).   7

    (ii) Illustrate the types of selectors and explain in detail with an example.   7

32 (i)   Create a simple webpage using bootstrap glyphicon (envelope, print, search and download glyphicon).   7

    (ii) Illustrate the navigation menu and multicolumn layout in CSS with an example   7

PART – D (Answer the questions) (1*10=10 Marks)

33 (a) Create a webpage that shows the below given timetable.   10

Time / Day	1	2	3	4		5	6
Monday	Eng	Tamil		Phy	LUNCH	Chem lab	
Wednesday	Phy lab		Che	Maths		Eng lab	
Friday	Tamil	Maths		Eng		PROJECT	

(OR)

    (b) Write JS code to display the calculator.   10