

2025

**WEB DESIGN TECHNOLOGY***Full Marks : 100*

Time : Three hours

*The figures in the margin indicate full marks for the questions.**Answer any five questions.*

1.	a	Describe five (5) most essential areas of internet application in our day to day life.	10
	b	How flowchart helps in designing the navigation pattern of a website? Describe with an example.	10
2	a	List out the five most important considerations while designing a website.	5
	b	List out five most important naming conventions used in website design.	5
	c	List out five e-commerce websites.	5
	d	List out five social media websites.	5
3	a	Write down the full meaning of the following 10 abbreviations. DNS, WAN, URI, IETF, ISDN, TCP, URL, IP, HTTP, CSS	1x10=10
	b	Describe the grid and layout process for planning a webpage layout.	10
4	MCQ type questions for understanding HTML and CSS.		2x10 = 20
	i	Who is making the Web standards? a) The World Wide Web consortium, b) Microsoft, c) Mozilla, d) Google	2
	ii	Choose the correct HTML element for the largest heading: a) <h1>, b) <heading>, c) <h6>, d) <head>	2

iii	<p>What is the correct HTML element for inserting a line break?</p> <p>a) &lt;break&gt;, b) &lt;br&gt;, c) &lt;lb&gt;, d) &lt;bk&gt;</p>	2
iv	<p>What is the correct HTML for adding a background color?</p> <p>a) &lt;body style="background-color:yellow;"&gt;, b) &lt;background&gt;yellow&lt;/background&gt;, c) &lt;body bg="yellow"&gt;, d) &lt;head&gt;bg="yellow";&lt;/head&gt;</p>	2
v	<p>Choose the correct HTML element to define important text.</p> <p>a) &lt;i&gt; b) &lt;strong&gt; c) &lt;important&gt; d) &lt;b&gt;</p>	2
vi	<p>What is a correct HTML markup for the document type declaration?</p> <p>a) &lt;!DOCTYPE html&gt; b) DOCTYPE html; c) --DOCTYPE html; d) &lt;Doctype-html&gt;</p>	2
vii	<p>Which of the following is a correct syntax for using an HTML attribute?</p> <p>a) &lt;img src='img_girl.jpg'&gt; b) &lt;img src('img_girl.jpg')&gt; c) &lt;img src:'img_girl.jpg'&gt; d) &lt;img&gt;src=img-girl.jpg&lt;/img&gt;</p>	2
viii	<p>Fill in the blank &lt;a ..... "https://www.w3schools.com"&gt;This is a link&lt;/a&gt;</p> <p>a) &gt; = b) href = c) div = d) html =</p>	2
ix	<p>What is a correct syntax for linking to an external stylesheet?</p> <p>a) &lt;style rel='stylesheet' href='styles.css'&gt; b) &lt;link rel='stylesheet' href='styles.css'&gt; c) &lt;a rel='stylesheet' href='styles.css'&gt; d) &lt;style = stylesheet, link=css&gt;</p>	2
x	<p>What is a correct CSS property for defining background images?</p> <p>a) The <b>bg</b> property b) The <b>image</b> property c) The <b>background-image</b> property d) The <b>background</b> property</p>	2

5	a	Write down the HTML tag for Ordered list of following items. <ul style="list-style-type: none"> <li>• Ramesh</li> <li>• Suresh</li> <li>• Chintu</li> <li>• Farukh</li> <li>• John</li> </ul>	5
	b	Write the HTML tag for linking the following webpages within a website. Index.html, About.html, Contact.html	5
	c	Write the HTML and CSS tag to using a “div id” for a paragraph where the paragraph font color will be Red.	5
	d	Write the CSS tags to describe “Inline”, “Internal” and “External” CSS property in a webpage.	5
6	Write 5 important points each for any four (4) of the following.		4x5=20
	a	Responsive display	
	b	E-commerce website	
	c	Web browser	
	d	Operating system	
	e	Artificial Intelligence	
7	Explain in detail, how to design a static website using Photoshop and Dreamweaver. Your answer should follow technical writing process starting from planning to execution of the website in step by step methods.		20