

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/
MANAGEMENT/COMMERCIAL PRACTICE, NOVEMBER – 2024**

FUNDAMENTALS OF WEB DEVELOPMENT

[Maximum Marks: 75]

[Time: 3 Hours]

PART-A

I. Answer ‘all’ the following questions in one word or one sentence. Each question carries ‘one’ mark.

(9 x 1 = 9 Marks)

		<small>Module Outcome</small>	<small>Cognitive level</small>
1.	List the name of any two web browsers.	M1.01	R
2.	URL stands for	M1.03	R
3.	HTML stands for	M2.01	R
4.	Name the HTML tag to define the head portion of the document	M2.02	R
5.	Which HTML5 tag defines a section in a document.	M3.02	R
6.	In HTML5 SVG stands for	M3.04	R
7.	Which CSS selector selects HTML elements based on the element name.	M3.06	R
8.	Write the concatenation operator in JavaScript.	M4.02	R
9.	DOM stands for	M4.07	R

PART-B

II. Answer any ‘eight’ questions from the following. Each question carries ‘three’ marks.

(8 x 3 = 24 Marks)

		<small>Module Outcome</small>	<small>Cognitive level</small>
1.	Define Domain Name System.	M1.03	R
2.	Define <meta> tag in HTML	M2.02	R
3.	Write the basic structure of HTML.	M2.01	R
4.	List any six text formatting tags in HTML.	M2.03	R
5.	Outline Ordered List in HTML.	M2.03	U
6.	Summarize <header> element in HTML5.	M3.02	U
7.	Construct a web page by using Internal CSS.	M3.05	A
8.	Define JavaScript and show the tag to embed JavaScript in HTML Page.	M4.02	R
9.	Show the syntax of ‘if-else-if’ statement in JavaScript.	M4.03	R
10.	Explain ‘for/of’ loop in JavaScript.	M4.03	U

PART-C

Answer 'all' questions from the following. Each question carries 'seven' marks.

(6 x 7 = 42 Marks)

		Module Outcome	Cognitive level
III.	Illustrate Client Server architecture with diagram. OR	M1.02	U
IV.	Summarize the features of HTTP.	M1.04	U
V.	Develop the code to convert a JavaScript object into a string with JSON.stringify(). OR	M1.06	A
VI.	Show a sample XML file to store the details of a student.	M1.08	U
VII.	Construct a table in HTML to store the name and semester of students in an institution. OR	M2.04	A
VIII.	Summarize Image tag and its attributes in HTML with an example.	M2.04	U
IX.	List any seven HTML5 API features. OR	M3.01	R
X.	Construct a web page to play an audio file.	M3.03	A
XI.	Explain Class selector and Universal selectors in CSS3 with example for each. OR	M3.06	U
XII.	Summarize RGB and RGBA colors in CSS3.	M3.08	U
XIII.	Explain 'while' and 'do-while' loops in JavaScript. OR	M4.03	U
XIV.	Summarize arrays in JavaScript.	M4.04	U
