

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/
COMMERCIAL PRACTICE, NOVEMBER - 2022**

FUNDAMENTALS OF WEB DEVELOPMENT

[Maximum marks: 75]

(Time: 3 Hours)

PART A

I. Answer all questions in one word or one sentence. Each question carries one mark.

(9 x 1 = 9 Marks)

		Module outcome	Cognitive level
1	ftp stands for.....	M1.03	R
2	JSON stands for.....	M1.05	R
3 tag is used for bold text in HTML.	M2.03	R
4tag is used for creating table in HTML.	M2.04	R
5tag is used for adding figures to a webpage.	M3.02	R
6	Tell the tag which is used to add footers into a web page.	M3.02	R
7	In CSS3* is used as.....selector.	M3.06	R
8	Show the syntax of JavaScript array.	M4.04	R
9	DOM stands for.....	M4.05	R

PART B

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

(8 x 3 = 24 Marks)

		Module outcome	Cognitive level
1	Summarize http request/response.	M1.04	U
2	Define XML.	M1.07	R
3	Define HTML with its basic structure.	M2.01	R
4	Illustrateand its attributes.	M2.04	U
5	List the API features of HTML5.	M3.01	R
6	Summarize<svg>in HTML5.	M3.04	U
7	Define id selector in CSS3.	M3.06	R
8	Illustrate a JavaScript program to display your name.	M4.02	U

9	Summarize JavaScript for in loop	M4.03	U
10	Define JavaScript DOM Elements.	M4.05	R

PART C

Answer all questions. Each question carries seven marks.

(6 x 7 = 42 Marks)

		Module outcome	Cognitive level
III	Demonstrate JSON in detail.	M1.06	U
	OR		
IV	Define DNS and DHCP protocols.	M1.03	R
V	Summarize various Lists in HTML.	M2.03	U
	OR		
VI	(a) Summarize HTML Forms. (2 Marks)	M2.05	U
	(b) Demonstrate the uses of <input> element. (5 Marks)	M2.06	U
VII	Explain head and heading tags in HTML.	M2.02	U
	OR		
VIII	(a) Summarize paragraph and line break tags. (5 Marks)	M2.03	U
	(b) Show <hr> in HTML. (2 Marks)	M2.03	U
IX	Explain header and footer elements HTML5.	M3.02	U
	OR		
X	Explain canvas in HTML 5 with an example.	M3.04	U
XI	Summarize various RGB colors in CSS 3.	M3.08	U
	OR		
XII	Construct a web page to play music in it.	M3.10	A
XIII	Show Operators in JavaScript.	M4.03	R
	OR		
XIV	Demonstrate a Login form (with user id and password) and validate it.	M4.06	U
