

**DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/MANAGEMENT/  
COMMERCIAL PRACTICE, NOVEMBER - 2023  
FUNDAMENTALS OF WEB DEVELOPMENT**

[Maximum Marks : 75]

[Time : 3 hours]

**PART-A**

**I.** Answer **all** the following questions in one word or sentence. Each question carries 1 mark.

**(9x1=9 marks)**

		Module Outcome	Cognitive level
1	IP stands for.....	M1.01	R
2	DNS stands for.....	M1.03	R
3	.....tag is used for underline text in HTML.	M2.03	R
4	.....tag is used for creating table heading in HTML.	M2.04	R
5	.....tag defines a label for many form elements.	M2.06	R
6	Show the tag used for adding captions to figures in a webpage.	M3.02	R
7	.....property specifies the background color of an element.	M3.09	R
8	List one example Client-Side Scripting Language.	M4.01	R
9	JavaScript code is inserted between.....and.....tags.	M4.02	R

**PART B**

**II.** Answer **any Eight** questions from the following. Each question carries 3 marks.

**(8x3=24)**

		Module Outcome	Cognitive level
1	Recall Internet and World Wide Web.	M1.01	R
2	Recall the features of http.	M1.04	R
3	Outline title tag in HTML.	M2.02	U
4	Construct an HTML page with the following content. Choose your favourite Web language: <ul style="list-style-type: none"> <li>○ HTML</li> <li>○ CSS</li> <li>○ JavaScript</li> </ul>	M2.07	A
5	Define the use of nav tag in HTML5.	M3.02	R
6	List any six properties of CSS3 backgrounds.	M3.09	R
7	Summarize HEX colors in CSS3.	M3.08	U
8	Define comments in JavaScript.	M4.02	R
9	List different ways to declare JavaScript variables.	M4.02	R
10	Demonstrate a JavaScript program to display first 10 natural numbers using while loop.	M4.03	U

## PART C

Answer **all** questions from the following. Each question carries 7 marks.

**(6x7=42marks)**

		Module Outcome	Cognitive level
III	Define http and its characteristics. <b>OR</b>	M1.04	R
IV	Summarize http architecture with diagram.	M1.04	U
V	Show an array that consists of names of students in class. Convert the array into a string using JSON. stringify() and display the string in HTML page. <b>OR</b>	M1.06	U
VI	Show an XML document to store the details of books (Book title, author, year and price)	M1.07	U
VII	Summarize <head>, <title> and <meta> tags in HTML. <b>OR</b>	M2.02	U
VIII	Show an HTML table to store the Name and Age of students in class.	M2.07	U
IX	Summarize article and aside elements in HTML5. <b>OR</b>	M3.02	U
X	Summarize CSS3 class selector with example.	M3.06	U
XI	Construct a web page to play video in it. <b>OR</b>	M3.10	A
XII	Develop a web page to display a figure of your college with caption.	M3.10	A
XIII	Summarize switch case in JavaScript with example. <b>OR</b>	M4.03	U
XIV	Show a JavaScript array to store the names of fruits available in a shop. Display the name of the fruits in an unordered list.	M4.06	U

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