Council for Technical Education and Vocational Training
Office of the Controller of Examinations
Sanothimi, Bhaktapur
Regular/Back/Scholarship Exam-2080/2081, Chaitra/Baishakh

Program:	Diploma in Computer Engineering/ Diploma in Information Technology	**Full Marks: 80**
Year/Part:	II/I (2022)	**Pass Marks: 32**
Subject:	Web Technology I	**Time: 3 hrs.**

Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.

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Attempt any **EIGHT** questions.

1. a. Define internet. Write some use of internet. [2+3]
   b. What is internet protocols? Write the different internet protocols. Explain about the TCP/IP and SMTP. [1+1+3]

2. a. Define HTML. Explain the body structure of HTML. [2+3]
   b. Explain the purpose of <EM>, <Strike>, <Small>, <BIG>, <Center> and <br> tags. [5]

3. a. What are the attributes of ordered and unordered list with examples. [5]
   b. Define CSS. How many ways CSS is implemented in HTMS? Explain with examples. [2+3]

4. a. Discuss new features introduced in HTML 5. [5]
   b. Differentiate between server-side and client-side scripting. [5]

5. WAP to split the browser screen into two parts horizontally. The first section should cover the 20% and must contain the page links home, contact and YouTube. Second section should be used to view the web pages from the links selected in the first section. [10]

6. a. Write a HTML to define the FRAME and FRAMESET tags with attributes. [5]
   b. Why JavaScript is used in HTML? Write a JavaScript program to calculate sum of two inputs. [2+3]

7. a. Define DOM, BOM. What are event handling function in JavaScript? [2+3]

Cont. ......

b. What are the purpose of DIV tag and how can you make responsive web design? [5]

8. a. Write a HTML to design following registration form: [5]

Student Form

Name: [_____]

Roll No.: [_____]

Year: [_____]

Faculty: [_____]

Email: [_____]

[Submit]   [Exit]

b. Write a HTML to design the table in the given structure. [5]

S.N.	Subject Name	Marks	
		FM	PM
1.	DBMS	80	32
2.	OS	80	32
3.	SE	80	32
4.	DL	80	32

9. Write short notes on: (any **TWO**) [2×5]
   a. HTML editors and tools
   b. Form validation
   c. CSS

Good Luck !

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Attempt Any Eight questions.

1. a) Define www. Explain the concept of www. [2+3]
   b) What do you mean by TCP/IP reference model? Explain with suitable diagram. [5]

2. a) Define HTML tag. Explain the <img> tag and <font> tag with its attribute and example. [2+4]
   b) What is heading tag? Explain with an example. [4]

3. a) What do you mean by list? Explain the different types of list with examples. [5]
   b) Explain the internal and external hyper link with a suitable example. Explain the anchor tag. [4+1]

4. a) Explain the table tag with an example. [6]
   b) List some HTML editors and tools. [4]

5. a) Define HTML. Explain about HTML <Div> tag with suitable example. [2+4]
   b) Discuss the new features introduced in HTML [4]

6. a) Define cascading style sheet. Explain all three ways of using style sheet in HTML page. [5]
   b) Deference between client-side scripting and server-side scripting language. [5]

7. Write the HTML code to build Travel reservation form. (The form should include: Full name, Email address, Select tour package, Arrival time, Number of persons, discount Coupon code, Term and Condition). [10]

8. What is java Script. How to add javascript code to HTML? Explain it. [4+6]

9. Write short notes on : (Any Two)
   a) Canvas and SVG [4x4=16]
   b) <frameset rows> and frameset cols>
   c) Jquery

Good Luck !