

Ref. No. 24220EMP042

Roll No.

B.Sc. (Hons.) Semester I Examination 2024-25 (NEP)
Computer Science (Skill Enhancement Course)

CSCSE-11: Web Designing

Max. Marks : 70

Time : 2:30 Hours

(Write your Roll No. at the top immediately on the receipt of this question paper)

Note: Attempt any five questions, including Question No. 1, which is compulsory. The figures in the right-hand margin indicate the marks.

1. Attempt any four out of seven questions:

(2 X 7 = 14)

- (i) What is the purpose of the <head> tag in HTML?
- (ii) Which HTML tag is used to create a hyperlink?
- (iii) What effect does the <marquee> tag in HTML?
- (iv) Which HTML tag is used to define a footer section?
- (v) Which keyword is used to declare a variable in JavaScript?
- (vi) What is web safe colour?
- (vii) Which symbol is used for single-line comments in JavaScript?
- (viii) Which CSS property is used to change the background color of an element?

title or book, story or novel

2. (a) What is of HTML, and what is its structure? What do you understand by a markup language? Also discuss the layout tags? Analyze the following HTML code and determine its output: (7)

```
<!DOCTYPE html>
<Html>
<body>
  <h1>Hello World</h1>
  <p>This is a paragraph.</p>
</body>
</html>
```

Emphasise

(b) What is the purpose of the tag in HTML? Write an tag using the attributes src, height, width, and alt, explaining the purpose of each attribute? Provide an example using a JPEG file named bhulogo.jpg and write the complete tag? (7)

3. (a) What is difference between and element in HTML. Explain by writing complete HTML code? Explain the meta tag with example. (7)

(b) Discuss the effect of the following HTML code when rendered in a web browser: (7)

- (i) <p> This word is <i>italicized</i> for visual distinction.</p>
- (ii) <p>© 2025 My Website. <small>All rights reserved.</small></p>
- (iii) This is <mark>good</mark> and best. *→ mark, (highlight)*
- (iv) <p>The <abbr title="Banaras Hindu University">BHU</abbr> was founded in 1916.</p>
- (v) H₂</sub>O

P.T.O.

- 4/ (a) In CSS, what do you understand by the terms "Cascading," "Style," and "Sheet"? What are the advantages of using CSS? Analyze the given CSS example and differentiate between selector, declaration, property, and attribute: (7)

- (i) `h1 { color: blue; font-size: 12px; }`
- (ii) `p { font-family : Arial ; }`

- (b) Differentiate between the following CSS selectors and explain where each is used with examples: (7)

- (i) Element Selector
- (ii) Class Selector
- (iii) ID Selector
- (iv) Universal Selector

5. (a) What is a group selector in CSS? Explain its purpose with an example. Analyze the following HTML and CSS code. What will be the output when displayed in a web browser? (7)

```
<!DOCTYPE html>
<html>
<head>
<style>
  h1, h2, p {
    text-align: center;
    color: red; }
</style>
</head>
<body>
  <h1>Hello World!</h1>
  <h2>Smaller heading!</h2>
  <p>This is a paragraph.</p>
</body>
</html>
```