

KAMARAJ COLLEGE (Autonomous)

Accredited with A+ Grade by NAAC

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

(3 Pages)

Reg. No:.....

Question Code: 26E01106

Course Code : 24USCS21/25USCS21

UG Degree - End Semester Examinations, April 2026

Second Semester

B.Sc., COMPUTER SCIENCE

Web Design

(For those who joined in July 2024 and June 2025 onwards)

Time : 3Hours

Maximum : 75 Marks

PART - A (10 × 1 = 10 Marks)

Answer ALL Questions

Choose the correct answer :

CO:1 1. HTML is used to _____.

- K:1
- (a) Design Databases (b) Create Web Pages
(c) Process Data (d) Manage Servers

CO:1 2. Why <head> section important in an HTML document?

- K:2
- (a) It displays content on the webpage
(b) It stores multimedia files
(c) It contains metadata and document information
(d) It creates tables

CO:2 3. Which attribute specifies the destination of a hyperlink?

- K:1
- (a) src (b) link
(c) url (d) href

CO:2 4. Why forms are used in web pages?

- K:2
- (a) To display images (b) To collect user input
(c) To design layouts (d) To add animation

CO:3 5. Which property is used to change text color in CSS?

- K:1
- (a) color (b) bgcolor
(c) text-color (d) font-color

CO:3 6. How does CSS help in page layout design?

- K:2
- (a) By controlling alignment and spacing (b) By validating inputs
(c) By executing scripts (d) By creating hyperlinks

- CO:4 7. Which keyword is used to declare a variable in JavaScript?
K:1 (a) int (b) var
(c) define (d) letvar
- CO:4 8. How do conditional statements improve program execution?
K:2 (a) By formatting output (b) By stopping execution
(c) By executing code randomly (d) By controlling the flow based on conditions
- CO:5 9. Which event occurs when a button is clicked?
K:1 (a) onload (b) onchange
(c) onclick (d) onsubmit
- CO:5 10. Why form validation is important in web pages?
K:2 (a) To ensure correct data submission (b) To add images
(c) To reduce CSS usage (d) To enhance page color

PART - B (5 X 5 = 25 Marks)

Answer ALL Questions choosing either (a) or (b).

Answer should not exceed 250 words.

- CO:1 11. (a) Write about a basic HTML structure to display a heading and
K:4 a paragraph.

(OR)

- (b) Differentiate between
 and <p> tags with suitable examples.

- CO:2 12. (a) Analyze the impact of ordered list on a webpage menu.

K:4 **(OR)**

- (b) Design a simple HTML form to collect user information.

- CO:3 13. (a) Apply CSS styles to change the background color and font of
K:3 a webpage.

(OR)

- (b) Examine the role of the CSS box model in layout design.

- CO:4 14. (a) Write a JavaScript program to perform a simple arithmetic
K:4 operations.

(OR)

- (b) Compare conditional and looping statements in JavaScript.

CO:5 15. (a) Explain how event handling improves user interaction.

K:3

(OR)

(b) Give a note on the impact of JavaScript validation on website performance.

PART - C (5 X 8 = 40 Marks)

Answer ALL Questions choosing either (a) or (b).

Answer should not exceed 500 words.

CO:1 16. (a) Explain appropriate HTML tags to create a webpage and explain its components.

K:5

(OR)

(b) Evaluate the effectiveness of using headings to organize web content.

CO:2 17. (a) Analyze the use of tables and lists for organizing web content.

K:3

(OR)

(b) Give a brief note on the advantages of using hyperlink, image and multimedia elements on websites.

CO:3 18. (a) Create a CSS file to style a simple HTML webpage.

K:6

(OR)

(b) Discuss the working of list and tables with suitable example.

CO:4 19. (a) What is the role of JavaScript in client-side scripting? Explain briefly.

K:4

(OR)

(b) Write a brief note on conditional statements and examine how it affects program flow with example.

CO:5 20. (a) How validating elements using JavaScript with HTML is done? Explain with example.

K:5

(OR)

(b) Create a dynamic webpage integrating HTML, CSS and JavaScript.