

KAMARAJ COLLEGE (Autonomous)

Accredited with A+ Grade by NAAC

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

(4 Pages)

Reg. No:.....

Question Code: 26E02015

Course Code : 25USCA21

UG Degree - End Semester Examinations, April 2026

Second Semester

B.C.A.

Front-End Web Development

(For those who joined in June 2025 onwards)

Time : 3Hours

Maximum : 75 Marks

PART - A (10 × 1 = 10 Marks)

Answer ALL Questions

Choose the correct answer :

- CO:1 1. Where is the visible content of a web page placed?
K:1
- (a) <head> (b) <title>
(c) <body> (d) <html>
- CO:1 2. Which tag is used to display the title of a web page on the browser
K:1 tab?
- (a) <meta> (b) <title>
(c) <header> (d) <h1>
- CO:2 3. Which CSS type is best for applying styles to multiple web pages?
K:2
- (a) Inline CSS (b) Internal CSS
(c) External CSS (d) Browser CSS
- CO:2 4. Which CSS layout module is designed for two-dimensional
K:2 layouts?
- (a) Grid (b) Flexbox
(c) Flow (d) Float
- CO:3 5. Which keyword declares a variable whose value cannot be
K:2 changed?
- (a) var (b) let
(c) const (d) static

- CO:3 6. The form validation important to _____
K:2 (a) improve website speed (b) ensure correct and complete user input
(c) change page layout (d) add images
- CO:4 7. Which attribute specifies the location of the external CSS file?
K:1 (a) href (b) type
(c) rel (d) src
- CO:4 8. Which HTML5 tag is used to define navigation links?
K:1 (a) <menu> (b) <nav>
(c) <aside> (d) <link>
- CO:5 9. What is version control?
K:1 (a) Controlling website layout (b) Improving internet speed
(c) Managing different versions of files (d) Testing websites
- CO:5 10. Which command is used to create a new Git repository?
K:2 (a) git start (b) git init
(c) git new (d) git create

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) Discuss the basic structure of an HTML5 document with an
K:3 example.

(OR)

(b) Differentiate between ordered lists and unordered lists.

- CO:2 12. (a) Examine the working of inline, internal, and external CSS.
K:4

(OR)

(b) Identify the benefits and drawbacks of id and class selectors.

- CO:3 13. (a) Analyse the working of various looping statements in
K:4 Javascript.

(OR)

(b) Interpret the importance of client-side validation and server-side validation.

CO:4 14. (a) Explain linking an external Javascript file to an HTML document with an example
K:4

(OR)

(b) Inspect the role of a site navigation and accessibility in web design

CO:5 15. (a) Analyze the Flexbox layout in web development.

K:4

(OR)

(b) Inspect the importance of version control.

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) Create a simple web page using basic HTML tags such as headings, paragraphs, lists and links.
K:6

(OR)

(b) Develop a simple web page for online course registration using HTML tags.

CO:2 17. (a) Examine the CSS Box model components such as, Content, Margin, Padding and Border to describe how elements are structured and spaced on a web page
K:4

(OR)

(b) Analyze CSS Grid layout design for developing a simple web page.

CO:3 18. (a) Create a login form with event handling in JavaScript.

K:6

(OR)

(b) Develop HTML form for online Exam Registration form validation script that:

- Prevents form submission if fields are invalid.
- Displays error messages below each field.

CO:4 19. (a) Discuss the importance of project organization in front-end development.
K:6

(OR)

(b) Elaborate the importance of Debugging and Console Logging in front-end development.

CO:5 20. (a) Build a static website for your College using HTML, CSS and
K:5 JavaScript.

(OR)

(b) Elaborate the procedures for website hosting using GitHub Pages.