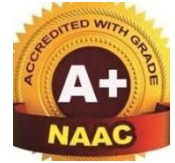




**SHRI GNANAMBICA DEGREE COLLEGE: MADANAPALLE
(AUTONOMOUS)**



II YEAR-IV SEM

**PROGRAMME: BCA (GENERAL)
COURSE 11: WEB PROGRAMMING**

Unit I: Introduction to Web Programming

5-Mark Questions

1. Define Web Programming. Explain its importance in creating websites.
2. Write a short note on HTML tags with suitable examples.
3. Explain HTML elements and HTML attributes with examples.
4. Write a brief note on the history of HTML.
5. What are HTML attributes? Explain any five commonly used HTML attributes with examples.
6. Explain how to check and validate HTML code. Mention any tools or methods used.

10 -Mark Questions

1. Explain about history of HTML?
2. Difference between old HTML and HTML 5?
3. What is a tag? Explain about types of tags in HTML.
4. Explain about HTML elements?

Unit II: Coding Standards, Block Elements

5-Mark Questions

1. Comments in HTML documents.
2. What are block elements? Explain the blockquote element with an example.
3. Write a short note on phrasing elements in HTML with suitable examples.
4. Explain the use of editing elements in HTML.

5. Write a short note on `q` and `cite` elements with examples.

10-Mark Questions

1. Explain HTML elements and content model categories in detail.
2. Describe how they help structure web page content accurately.
3. Discuss block elements and phrasing elements. Explain their differences with examples.
4. Explain whitespace collapsing in HTML. Describe the usage of `pre`, `br`, and `wbr` elements with examples.
5. Describe the following elements with suitable examples:
1.dfn, 2. abbr, 3.time, 4.q, 5.cite
6. Explain text-related and character reference elements in HTML.
Include: `sup`, `sub`, `s`, `mark`, `small`, `strong`, `em`, `b`, `u`, `i`, `span` element.

Unit III: Cascading Style Sheet(CSS)

5-Mark Questions

1. Give an overview of CSS and explain the structure of a CSS rule.
2. Explain any five types of CSS selectors with examples.
3. Differentiate between `span` and `div` elements.
4. Write a short note on inline CSS, internal CSS, and external CSS.
5. Explain RGB, HSL, and opacity values used for colors in CSS.

10-Mark Questions

1. Explain CSS rules, selectors, and properties in detail with suitable examples.
2. Discuss various types of CSS selectors including: Universal selector, Class selector, ID selector, Descendant and child selectors
3. Explain CSS color properties. Describe RGB, HSL, HSLA, and opacity values with examples.
4. Explain font properties, line-height, and text properties used in CSS.
5. Describe the CSS box model. Explain element box, padding, border, and margin properties.

6. Explain the types of CSS with suitable examples.

Unit IV: Organizing a page's content with lists, figures

5-Mark Questions

1. Explain different types of lists used in HTML.
2. Write a short note on figure element with image and caption.
3. Differentiate between data tables and layout tables.
4. Explain an element and different types of href attribute values.
5. Explain the purpose of header, footer, and navigation bar elements.

10-Mark Questions

1. Explain how web page content is organized using lists, figures, and organizational elements.
2. Discuss tables in HTML. Explain table elements and formatting tables using CSS.
3. Explain CSS inheritance and its importance in web page styling.
4. Compare GIF, JPEG, and PNG bitmap image formats and explain their use cases.
5. Explain about organizational elements in HTML.

Unit V: Image Manipulations, Audio and Video

5-Mark Questions

1. Explain how to position an image using CSS.
2. Write a short note on the audio element in HTML.
3. Explain the video element and its attributes.
4. Define JavaScript and explain its role in web development.
5. Write a short note on the Document Object Model (DOM).

10- Mark Questions

1. Describe how to implement an audio player in HTML and handle different audio file formats.

2. Explain how to implement a video player in HTML with suitable attributes.
3. Explain JavaScript syntax rules for variables, identifiers, functions.
4. Describe how button controls work with event handlers in JavaScript.
5. Explain mouse events and rollover effects in JavaScript with examples.