**HTML Head Elements**

1. What is the purpose of the <head> element in an HTML document?
2. List the common elements that can be included inside the <head> tag.
3. Why is the <title> element important for SEO?
4. What does the <meta> tag do, and what are some of its common attributes?
5. How does the <link> element help in web development?
6. What is the function of the <base> tag in an HTML document?
7. How does the <script> tag work in the <head> section?

**HTML Layout & Semantic Elements**

1. What is the purpose of semantic HTML elements?
2. Explain the difference between <section> and <article>.
3. How is <nav> different from a regular <div> with links?
4. What is the function of the <header> and <footer> elements?
5. How can <aside> be used in web design?
6. What is the <figure> and <figcaption> element used for?
7. What are the benefits of using semantic elements in HTML?

**HTML Layout Techniques**

1. What are the different ways to create a multicolumn layout in CSS?
2. How does the CSS float property work in layout design?
3. What is the difference between Flexbox and CSS Grid?
4. When should you use a CSS framework like Bootstrap?
5. How does the display: flex; property help in responsive design?
6. What are the advantages of using CSS Grid over other layout techniques?

**HTML Forms**

1. What is the purpose of the <form> element in HTML?
2. How do the action and method attributes affect form submission?
3. Explain the difference between GET and POST methods in form submission.
4. What is the <label> element used for?
5. How do you create a drop-down list using the <select> element?
6. What is the difference between radio buttons and checkboxes?
7. How do you use the <datalist> element for an input field?
8. What is the purpose of the <output> element in an HTML form?
9. How does the required attribute work in form inputs?
10. What is the difference between disabled and readonly attributes in an input field?

**HTML Input Types**

1. Name at least five different input types in HTML.
2. How do you restrict a number input field to a certain range?
3. What does the placeholder attribute do in an input field?
4. How do you allow multiple file uploads using the <input> element?
5. What is the purpose of the pattern attribute in an input field?
6. How can you create a color picker input field in HTML?
7. Explain the use of the autocomplete attribute in form inputs.

**Responsive Web Design**

1. What is responsive web design?
2. How does the <meta name="viewport"> tag help in responsiveness?
3. What is the difference between width: 100% and max-width: 100% for images?
4. How does the <picture> element help with responsive images?
5. How can you use media queries to create a responsive layout?
6. What is the vw unit, and how does it affect text size?
7. How do media queries work in CSS?

**HTML Multimedia**

1. What are the different video formats supported in HTML?
2. How do you add a video to an HTML page using the <video> tag?
3. What is the purpose of the <source> tag inside a <video> element?
4. How can you make an HTML video autoplay and loop?
5. What are the supported audio formats in HTML?
6. How do you embed an audio file in an HTML page?
7. How does the <iframe> tag help in embedding YouTube videos?
8. How do you make an embedded YouTube video autoplay and loop?