

# HTML and Web Development Quiz

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## 1. Syntax and Structure

### 1. Multiple Choice:

What is the correct syntax for an HTML document?

- A) `<html><head></head><body></body></html>`
- B) `<html><body></body><head></head></html>`
- C) `<head><html><body></body></head></html>`
- D) `<document><html></html></document>`

### 2. True or False:

HTML elements must be nested correctly to ensure proper rendering.

### 3. Fill in the Blank:

The declaration that defines the document type in HTML5 is `<!DOCTYPE _____>`.

### 4. Short Answer:

What is the purpose of the `<html>` tag?

### 5. Multiple Choice:

Which of the following is NOT a valid HTML element?

- A) `<h1>`
- B) `<p>`
- C) `<header>`
- D) `<content>`

## 2. Headings and Paragraphs

### 1. Multiple Choice:

How many levels of headings are available in HTML?

- A) 5
- B) 6
- C) 7
- D) 8

### 2. True or False:

The `<h1>` tag is the smallest heading tag in HTML.

### 3. Fill in the Blank:

A paragraph is defined using the `<_____>` tag.

### 4. Short Answer:

What is the difference between `<h1>` and `<h2>` tags?

### 5. Multiple Choice:

Which tag is used to create a line break in HTML?

- A) `<break>`
- B) `<br>`
- C) `<lb>`
- D) `<line>`

## 3. Text Formatting

### 1. Multiple Choice:

Which tag is used to make text bold?

- A) `<strong>`
- B) `<bold>`
- C) `<b>`
- D) Both A and C

### 2. True or False:

The `<em>` tag is used to emphasize text and typically renders it in italics.

### 3. Fill in the Blank:

To create underlined text, use the `<_____>` tag.

### 4. Short Answer:

What is the purpose of the `<mark>` tag in HTML?

### 5. Multiple Choice:

Which tag is used for inserting a horizontal line?

- A) `<hr>`
- B) `<line>`
- C) `<divider>`
- D) `<break>`

## 4. Comments

### 1. Multiple Choice:

How do you write a comment in HTML?

- A) `// This is a comment`
- B) `<!-- This is a comment -->`
- C) `/* This is a comment */`
- D) `# This is a comment`

### 2. True or False:

Comments in HTML are rendered on the webpage.

### 3. Fill in the Blank:

HTML comments begin with `<!--` and end with `>>>`.

### 4. Short Answer:

What is the benefit of using comments in HTML code?

### 5. Multiple Choice:

Comments can be used to:

- A) Improve SEO
- B) Explain sections of code
- C) Create visual elements
- D) Both A and B

## 5. Lists

### 1. Multiple Choice:

Which tag is used to create an ordered list?

- A) `<ul>`
- B) `<ol>`
- C) `<list>`
- D) `<li>`

### 2. True or False:

The `<li>` tag is used to define a list item in both ordered and unordered lists.

### 3. Fill in the Blank:

An unordered list is created using the `<_____>` tag.

### 4. Short Answer:

What is the purpose of the `type` attribute in an ordered list?

### 5. Multiple Choice:

Which of the following is the correct structure for a nested list?

- A) `<ul><li>Item 1</li><ol><li>Sub-item</li></ol></ul>`
- B) `<ol><li>Item 1</li><ul><li>Sub-item</li></ul></ol>`
- C) Both A and B
- D) None of the above

## 6. Attributes

### 1. Multiple Choice:

Which of the following is an example of an attribute in an HTML tag?

- A) `<p>`
- B) `style="color:red"`
- C) `<div>`
- D) `<h1>`

2. **True or False:**

Every HTML element can have attributes.

3. **Fill in the Blank:**

The `src` attribute in the `<img>` tag specifies the \_\_\_\_ of the image.

4. **Short Answer:**

What is the purpose of the `alt` attribute in an image tag?

5. **Multiple Choice:**

Which tag uses the `href` attribute?

- A) `<a>`
- B) `<link>`
- C) `<script>`
- D) `<img>`

## 7. Images

1. **Multiple Choice:**

Which attribute is required for the `<img>` tag?

- A) `src`
- B) `alt`
- C) `title`
- D) `height`

2. **True or False:**

The `alt` attribute is displayed on the webpage if the image cannot be loaded.

3. **Fill in the Blank:**

To set the width of an image in HTML, you use the `width` attribute within the `<____>` tag.

4. **Short Answer:**

Why is it important to use the `alt` attribute in images?

5. **Multiple Choice:**

Which of the following file formats is NOT typically used for web images?

- A) JPG
- B) PNG
- C) GIF
- D) DOC

## 8. Links

### 1. Multiple Choice:

Which tag is used to create a hyperlink?

- A) `<link>`
- B) `<a>`
- C) `<url>`
- D) `<href>`

### 2. True or False:

The `target` attribute specifies how a hyperlink will open.

### 3. Fill in the Blank:

The `href` attribute in the `<a>` tag specifies the \_\_\_\_ of the link.

### 4. Short Answer:

What does the `target="_blank"` attribute do?

### 5. Multiple Choice:

To create a link to an email address, which of the following is the correct format?

- A) `<a href="mailto:example@example.com">Email Us</a>`
- B) `<a href="http://example@example.com">Email Us</a>`
- C) `<a href="tel:example@example.com">Email Us</a>`
- D) `<a href="mailto://example@example.com">Email Us</a>`

## 9. Div and Span Elements

### 1. Multiple Choice:

What is the primary purpose of the `<div>` tag?

- A) To format text
- B) To group block-level elements
- C) To create links
- D) To add images

### 2. True or False:

The `<span>` tag is used for inline elements.

### 3. Fill in the Blank:

The `<____>` tag is typically used for applying styles to a small chunk of text.

### 4. Short Answer:

What is a common use case for the `<div>` element?

5. **Multiple Choice:**

Which statement about `<div>` and `<span>` is TRUE?

- A) Both are block-level elements.
- B) `<div>` is for grouping, and `<span>` is for inline text.
- C) Both are inline elements.
- D) `<span>` can contain block-level elements.

## 10. Forms

1. **Multiple Choice:**

Which tag is used to create an HTML form?

- A) `<form>`
- B) `<input>`
- C) `<field>`
- D) `<submit>`

2. **True or False:**

The `<input>` tag can be used to create various types of input fields.

3. **Fill in the Blank:**

The button used to submit a form is created with the `<_____>` tag.

4. **Short Answer:**

What is the purpose of the `action` attribute in a form?

5. **Multiple Choice:**

Which of the following input types would you use for a password?

- A) `text`
- B) `password`
- C) `hidden`
- D) `email`

## 11. HTML and CSS Integration

1. **Multiple Choice:**

Which tag is used to link an external CSS file to an HTML document?

- A) `<css>`
- B) `<style>`
- C) `<link>`