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HTML and CSS 147

Web Development 170

1. You are including a blog post on your web page. You decide to place the content inside an `<article>` tag. What are the advantages of using an `<article>` tag instead of a `<div>` tag in the scenario? Select all that apply.

1 / 1 point

☒ It allows search engines to better rank your pages.

✓ Correct

That's correct. Using semantic tags helps search engines understand the content of your web page better.

☐ It allows the browser to render the element faster.

☒ It better describes the meaning of the element to accessibility software

✓ Correct

That's correct. Semantic tags help accessibility software understand the meaning of the HTML document.

2. What are the tags that define the basic structure of an HTML page and which order is semantically correct?

1 / 1 point

☐ `<h1>`, `<body>`, `<footer>`

☐ `<header>`, `<details>`, `<footer>`

☒ `<header>`, `<main>`, `<footer>`

☐ `<header>`, `<body>`, `<main>`

✓ Correct

Correct! These are the correct tags and order.

3. Which of the following meta tags are recommended for modern web pages? Select all that apply.

1 / 1 point

☒ Viewport

✓ Correct

That's correct! The viewport meta tag helps inform mobile devices how the web page's viewport should display on the device.

☒ Description

✓ Correct

That's correct! Description is often used by search engines to display a summary of the web page.

☐ Keywords

☒ Author

✓ Correct

That's correct! The author meta tag informs search engines of who created the web page.

4. Your web page's web address is appearing incorrectly on social media platforms. Which of the following Open Graph Protocol tags should be added to your web page to fix this?

1 / 1 point

☒ URL

☐ Title

☐ Description

✓ Correct

That's correct! The URL OGP meta tag will define the permanent web address of the web page.

5. What is the benefit of adding the required attribute to an input element?

1 / 1 point

☒ It will ensure that the user provides a value to the form field.

☐ It will ensure that the form data is sent securely.

☐ It will ensure that the form data submitted is valid.

✓ Correct

That's correct! The web browser will ensure that the user has provided a value when the form is submitted.

6. Which of the following HTTP methods can be used to submit a HTML form? Select all that apply.

1 / 1 point

☐ PUT

☒ GET

✓ **Correct**

That's correct! GET is the default HTTP method when the form attribute is not specified. It can be explicitly specified using the method attribute, for example: `method="get"`.

☒ POST

✓ **Correct**

That's correct! POST can be used by explicitly specifying it, using the method attribute, for example: `method="post"`.

☐ DELETE

7. Your web browser is currently at the URL <https://meta.com/hello>

0 / 1 point

What address will the following form submit to?

`<form action="login">`

☐ <https://meta.com/>

☐ <https://meta.com/hello/login>

☐ <https://meta.com/hello>

☒ <https://meta.com/login>

✗ **Incorrect**

Not quite. Not quite. Review form submission in lesson 3.

8. You are creating a landing page for a local business that includes an audio player. The specification is that the audio automatically plays and can be paused. What are the correct statements for this implementation? Select all that apply.

0 / 1 point

☒ Setting the controls attribute

✓ **Correct**

Correct! The controls attribute will allow the user to pause the audio.

☐ Set several source elements with distinct types

☒ Setting the autoplay attribute

✓ **Correct**

Correct! The audio will automatically start playing as soon as possible.

☐ Setting the loop attribute

You didn't select all the correct answers

9. Which of the below statements are best practices when adding iframes to your pages? Select all that apply.

1 / 1 point

☒ Add a title attribute

✓ **Correct**

Correct! It gives accessibility software more context for what the iframe is about.

☒ Use the sandbox attribute to define which privileges are granted to the iframe

✓ **Correct**

Correct! This enables you to tailor the needed permissions for the iframe and avoid unexpected behavior.

☐ Skip the allow attribute

☒ Use the lazy loading attribute

✓ **Correct**

Correct! This prevents your iframes from slowing down your pages.

10. What are the main advantages of using the canvas element to draw content on your pages? Select all that apply.

1 / 1 point

☐ It provides a good experience for rendering HTML elements.

☐ It requires less code than HTML sectional tags

☒ It's well suited for graphic intensive games.

✓ **Correct**

Correct, the canvas element is optimized for highly interactive 2D and 3D rendering.

☒ It's better for thousands of objects and precise manipulation

✓ **Correct**

Correct! HTML sectional tags are not suited for that purpose and do not scale that well.