

1. Why is important to choose the correct semantic tags when building your web pages? Select all that apply.

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☐ It allows the browser to render your pages faster.

☒ It helps accessibility software for people who are visually impaired.

☒ **Correcto**

Correct! Accessibility software rely on correct semantics to guide users through web pages with accuracy.

☒ It allows search engines to better rank your pages.

☒ **Correcto**

Correct! Search engines crawl your pages and can understand the structure of your pages better than by simply using <div> tags.

☐ It improves the styling of your pages.

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

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☐ <header>, <body>, <main>

☐ <header>, <details>, <footer>

☒ <header>, <main>, <footer>

☐ <h1>, <body>, <footer>

☒ **Correcto**

Correct! These are the correct tags and order.

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

☒ Author

☒ **Correcto**

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

☒ Description

☒ **Correcto**

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

☒ Viewport

☒ **Correcto**

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

☐ Keywords

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?

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☐ Title

☐ Description

☒ URL

☒ **Correcto**

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

5. You are tasked with building a login form for a website. The project manager has asked what type of validation you recommend implementing for both security and a good user experience: client-side validation or server-side validation. Which do you recommend?

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- ☐ Recommend only client-side validation
- ☐ Recommend only server-side validation
- ☒ Recommend both client-side and server-side validation

✓ **Correcto**

That's correct. Using both helps provide both good user experience and ensure security and integrity of data.

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

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- ☐ PUT
- ☒ POST

✓ **Correcto**

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

- ☐ DELETE
- ☒ GET

✓ **Correcto**

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"`.

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

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What address will the following form submit to?

`<form action="/login">`

- ☐ <https://meta.com/>
- ☐ <https://meta.com/hello/login>
- ☒ <https://meta.com/login>
- ☐ <https://meta.com/hello>



Correcto

That's correct! The absolute path will be combined with the domain of the website.

8. You are creating a landing page for a local business that includes a 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.

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☒ Setting the autoplay attribute



Correcto

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

☒ Setting the controls attribute



Correcto

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

- ☐ Setting the loop attribute
- ☒ Set several source elements with distinct types

**Correcto**

Correct! This allows the browser to pick the audio format that it supports.

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

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

**Correcto**

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

- ☐ Add a title attribute

- ☒ Skip the allow attribute

**Esto no debería estar seleccionado**

Not quite. Please review the Media Elements lesson.

- ☒ Use the lazy loading attribute

**Correcto**

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.

☐ It provides a good experience for rendering HTML elements.

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



Correcto

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

☐ It requires less code than HTML sectional tags

☒ It's well suited for graphic intensive games.



Correcto

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