Module quiz: HTML deep dive

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.

   ☐ It allows the browser to render the element faster.

   ☑ It allows search engines to better rank your pages.

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

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

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

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

   ○ <header>, <details>, <footer>

   ○ <header>, <body>, <main>

   ◉ <header>, <main>, <footer>

   ○ <h1>, <body>, <footer>

     ✓ **Correto**
     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

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

   ☐ Keywords

   ☑ Viewport

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

   ☑ Description

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

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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?

   ○ Title

   ◉ URL

   ○ Description

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

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

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

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

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

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

6. You've added a form element to your HTML document and set the value of the method attribute to POST. What is the other valid HTTP method for form submission?   **1 / 1 ponto**

○ PUT

⦿ GET

○ DELETE

⊘ **Correto**
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   **1 / 1 ponto**

What address will the following form submit to?

<form action="/login">

○ https://meta.com/hello/login

○ https://meta.com/

⦿ https://meta.com/login

○ https://meta.com/hello

⊘ **Correto**
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 video player. The specification is that the video automatically plays, can't be paused and it loops. What are the correct statements for this implementation? Select all that apply.   **0 / 1 ponto**

☐ Setting the loop attribute

☑ Setting the controls attribute

⊗ **Não deve ser selecionado**
Not quite. Please review media elements in lesson 4.

☑ Set several source elements with distinct types

⊘ **Correto**
Correct! This allows the browser to pick the video format that it supports.

☑ Setting the autoplay attribute

⊘ **Correto**
Correct! The video will automatically start playing as soon as possible.

9. Which of the below statements are best practices when adding iframes to your pages? Select all that apply.   **1 / 1 ponto**

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

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

☑ Use the lazy loading attribute

⊘ **Correto**
Correct! This prevents your iframes from slowing down your pages.

☐ Skip the allow attribute

☑ Add a title attribute

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

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

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☐ It provides a good experience for rendering HTML elements.

☑ It's well suited for graphic intensive games.

⊘ **Correto**
Correct, the canvas eleement is optimized for highly interactive 2D and 3D rendering.

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

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

☐ It requires less code than HTML sectional tags

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