QUIZ – 1 INTRODUCTION TO HTML

Scenario 1: Introduction to HTML You are tasked with creating a simple HTML document for a new webpage that includes a header, a paragraph, and a footer.

Question 1: Basic HTML Structure Which of the following is the correct way to start an HTML5 document? **B) <!DOCTYPE html><html>**

Question 2: HTML Tags Which of the following tags is used to wrap all the content on a webpage? **B) <body></body>**

Question 3: Paragraph and Heading Tags Which tag is used to define the main heading of the page? **A) <p>**

Question 4: Including a Footer Which tag would you use to define a footer in an HTML document? **B) <Footer><Footer>**

Scenario 2: HTML Elements and Attributes You are developing a webpage that includes various HTML elements such as images, links, and lists

Question 1: Image Tag Attributes Which attribute of the tag specifies the source of the image? **C) src**

Question 2: Importance of the Alt Attribute Why is the alt attribute used in an tag?
B) To provide alternative text for screen readers and when the image cannot be displayed

Question 3: Hyperlinking with Anchor Tags
How do you create a hyperlink that opens in a new tab? **C) Link**

Question 4: Ordered and Unordered Lists
Which attribute is used to change the numbering style of an ordered list? **C) type**

Scenario 3: Understanding File Paths

You are organizing resources (images, stylesheets, and scripts) for a website and need to correctly reference them using relative and absolute paths.

Question 1: Relative Path Syntax
Which of the following is the correct relative path to link a CSS file located in a styles directory within the root directory of your project? **D) <link rel='stylesheet' href='styles/style.css'>**

Question 2: Absolute Path Example
Which of the following is an absolute path?
B) 'C:/Users/Username/Documents/website/assets/images/photo.jpg'

Question 3: Navigating Parent Directories
If your HTML file is in a pages directory, and you need to link to an image in the images directory located in the parent directory, which is the correct relative path?
A) '../images/photo.jpg'

Question 4: Best Practices in Path References
Why is it generally recommended to use relative paths instead of absolute paths in web development? **B) They ensure that links work regardless of where the project is moved.**

Scenario 4: Lists and Text Formatting in HTML
You are designing a webpage for an e-commerce site, where you need to display products in both ordered and unordered lists.

Question 1: Creating an Unordered List
Which of the following is the correct syntax to create an unordered list?
**A) Item 1
Item 2
**

Question 2: Changing List Markers
How can you change the bullet style of an unordered list to a circle? **B) <ul style='circle'>**
Question 3: Nesting Lists
You want to create a nested list where each product category contains a list of products.

Which of the following is the correct way to structure this in HTML?
**A) Category
Product 1
Product 2
**

Question 4: Formatting Text

Which tag would you use to make a section of text bold? **D) **

Scenario 5: Form Elements and Attributes

You are building a user registration form that includes fields for the user's name, email, password, and a submit button.

Question 1: Creating Text Input Fields

Which of the following is the correct way to create a text input field for a user's name?
A) <input type='text' name='username'>

Question 2: Email Input Validation

Which input type ensures that the user must enter a valid email address? **B) <input type='email'>**

Question 3: Password Input Field

Which attribute of the <input> tag should be used to create a password field where the characters are obscured? **B) type='password'**

Question 4: Adding a Submit Button

Which of the following correctly adds a submit button to a form?
A) <button type='submit'>Submit</button>

Scenario 6: Working with Anchor Tags and Hyperlinks

You need to create hyperlinks that navigate to different sections of the website and external pages.

Question 1: Creating a Basic Hyperlink

Which of the following is the correct syntax to create a hyperlink to another webpage?
C) Go to Page

Question 2: Target Attribute in Anchor Tags

What does the target='_blank' attribute do in an anchor tag **B) It opens the link in a new tab.**

Question 3: Internal Links

How would you create an internal link that jumps to a section within the same webpage? **A) Go to Section 1**

Question 4: Linking to External Websites

Which of the following is the correct way to link to an external website?

B) Visit Example

Scenario 7: Understanding Comments and Metadata in HTML

You are refining the HTML code by adding comments and metadata for better organization and SEO.

Question 1: Adding Comments in HTML

How would you write a comment in HTML that does not get displayed on the webpage? **A) <!-- This is a comment -->**

Question 2: Purpose of Metadata

Which of the following best describes the purpose of the <meta> tag in HTML?

B) To specify the character set, description, keywords, and author of the webpage

Question 3: Specifying the Character Set

Which of the following is the correct way to specify the character encoding for an HTML document? **A) <meta charset='utf-8'>**

Question 4: Including the Page Description

Where should the description of a webpage be placed for SEO purposes? **B) In the <meta> tag with name='description'**

Scenario 8: Advanced HTML Elements

You are enhancing a webpage with advanced HTML elements such as tables, forms, and multimedia.

Question 1: Creating a Table

Which of the following tags is used to create a row in an HTML table? **A) <tr></tr>**

Question 2: Adding a Table Header

Which tag is used to define a header cell in a table? **A) <th></th>**

Question 3: Embedding a Video

Which tag is used to embed a video file in an HTML document? **B) <video>**

Question 4: Creating a Textarea

Which tag is used to create a multi-line text input field? **B) <textarea></textarea>**

Scenario 9: Understanding Forms in HTML

You need to create a form on a webpage to gather user information such as name, email, and feedback.

Question 1: Method Attribute in Forms

What is the purpose of the method attribute in the <form> tag?
B) To define how the form data should be submitted (GET or POST)

Question 2: Action Attribute in Forms

What does the action attribute in the <form> tag specify?
B) The URL to which the form data will be submitted

Question 3: Adding a Label for Input

How do you associate a label with a specific input field in a form?
B) By using the for attribute in the <label> tag and matching it with the id of the input

Question 4: Validating Form Inputs

Which attribute would you use to ensure that a user must fill out a text field before submitting the form?
A) required