<q1>In Python, how do you create a list with elements?|list my\_list = [1, 2, 3];|var my\_list = [1, 2, 3];|my\_list = (1, 2, 3);|my\_list = [1, 2, 3];</q1>D. my\_list = [1, 2, 3];

<q2>What is the purpose of the else if statement in JavaScript?|Handles exceptions|Defines a default case|Checks multiple conditions in sequence|Creates a loop</q2>C. Checks multiple conditions in sequence

<q3>In Flask, what is the purpose of the url\_for function?|Defines the URL path for a route|Generates a URL for a given endpoint|Adds a URL parameter to a route|Specifies the HTTP method for a route</q3>B. Generates a URL for a given endpoint

<q4>How can you include an external CSS file in an HTML document?| <link rel="stylesheet" type="text/css" href="mystyle.css">|<css src="mystyle.css">|<style rel="external" href="mystyle.css">|<include src="mystyle.css">|</q4>A. <link rel="stylesheet" type="text/css" href="mystyle.css">

<q5>What is the purpose of the form element in HTML?|Defines a section of a document|Specifies the layout of list elements|Creates a form for user input|Sets the style of the list item marker</q5>C. Creates a form for user input

<q6>How do you define a variable in Python?|var myVar;|let myVar;|variable myVar;|None of the above</q6>D. None of the above

<q7>What is the purpose of the method attribute in an HTML form?|Specifies the form's action|Defines the form's layout|Specifies the HTTP method to be used when sending form data|Sets the font size of text within the form</q7>C. Specifies the HTTP method to be used when sending form data

<q8>In JavaScript, what is the purpose of the return statement?|Prints a message to the console|Exits the program|Ends the current iteration of a loop|Specifies the value to be returned from a function</q8>D. Specifies the value to be returned from a function

<q9>How can you create a link that opens in a new window in HTM

L?|<a target="\_blank" href="url">Link</a>|<a href="url" new-window>Link</a>|<a href="url" target="new">Link</a>|<a href="url" target="\_new">Link</a>|</q9>A. <a target="\_blank" href="url">Link</a>

<q10>What is the purpose of the background-image property in CSS?|Sets the background color of an element|Defines the background image of an element|Specifies the border color of an element|Changes the font color of an element</q10>B. Defines the background image of an element

<q11>How do you add a class to an element in HTML?|<class>myClass</class>|<element class="myClass">|<div class="myClass"></div>|<addClass name="myClass"></q11>C. <div class="myClass"></div>

<q12>What is the purpose of the try and except blocks in Python?|Defines a default case|Handles exceptions|Creates a loop|Terminates the program</q12>B. Handles exceptions

<q13>How can you define a constant variable in JavaScript?| const myVar = 10;|var myVar = 10;|let myVar = 10;|constant myVar = 10;|</q13>A. const myVar = 10;

<q14>Which HTML tag is used to define a hyperlink?|<link>|<a href="">|<hyperlink>|<url></q14>B. <a href="">

<q15>What is the purpose of the flexbox layout in CSS?|Aligns elements vertically|Creates a flexible grid layout|Specifies the font size of an element|Sets the background color of an element</q15>B. Creates a flexible grid layout

<q16>How do you add a comment in Python?|<!-- This is a comment -->|// This is a comment|''' This is a comment '''|/\* This is a comment \*/</q16>C. ''' This is a comment '''

<q17>What is the purpose of the appendChild method in JavaScript?|Appends a new child element to the end of an element's children|Removes the last child element from an element|Appends a new sibling element after the current element|Appends a new parent element to the document</q17>A. Appends a new child element to the end of an element's children

<q18>How do you define a comment in HTML?|<!-- This is a comment -->|// This is a comment|/\* This is a comment \*/|-- This is a comment --</</q18>A. <!-- This is a comment -->

<q19>What is the purpose of the querySelector method in JavaScript?|Selects the first element with a specified class|Adds a new element to the document|Removes an element from the document|Changes the color of an element</q19>A. Selects the first element with a specified class

<q20>How can you create a line break in CSS?|line-break: true;|break-line: true;|white-space: break;|white-space: pre;</q20>D. white-space: pre;