|  |  |  |
| --- | --- | --- |
| **t/f** | **2** | **4** |
| **Multi** | **6** | **10** |
| **Short answer** | **6** | **4** |
| **Coding** | **6** | **3** |

Top of Form

Question 1 (0.5 points)

Which attribute of the form tag defines the program that will process the data?

style

action

method

id

Question 2 (1 point)

Which of the following cannot be controlled by CSS?

Question 2 options:

Page background

Page font size

Page Layout

Page creation time

Save

Question 3 (0.5 points)

In the domain "view.usg.spsu.edu", what is the second level domain name?

Question 3 options:

usg.edu

spsu

usg

view

Question 4 (1 point)

Which of the following URL is NOT in a correct format?

Question 4 options:

http://spsu.edu:800/aboutus.html

http://spsu.edu/aboutus/

https://spsu.edu/aboutus.htm

http:spsu.edu/aboutus.html

Save

Question 5 (1 point)

Which of the following is correct about HTML (files)?

Question 5 options:

HTML is pure text based

HTML tags are displayed in browsers

HTML files always end with .html

HTML is a communication protocol

Save

Question 6 (0.5 points)

We can use PHP to dynamically generate JavaScripts.

Question 6 options:

True

False

Save

Question 7 (0.5 points)

A PHP web application is running on a local web server that other computers on the network cannot access this server. We can only access this web application in the same computer which hosts this web server. So this web application is not a client/server application.

Question 7 options:

True

False

Save

Question 8 (0.5 points)

HTML5 is basically an XML document.

Question 8 options:

True

False

Save

Question 9 (0.5 points)

The inline style CSS overrides external CSS when styles are in conflict.

Question 9 options:

True

False

Save

Question 10 (1 point)

Which of the following application is least likely to be created using JavaScript?

Question 10 options:

Read values from a database server.

Dynamically change the background color.

Prompt the user to enter a value.

Display a different image every 5 minutes.

Save

Question 11 (1 point)

Which of the following application is least likely to be created using PHP?

Question 11 options:

Display a dynamic live clock showing hour, minute, and second.

Process user inputs from an HTML form.

Include a common copyright notice on every page.

Create a dynamic HTML table with 4 rows and 3 columns.

Save

Question 12 (1 point)

Which of the following JavaScript statement is valid?

Question 12 options:

var out="<h"+"1"+">"+"h;"+'<+'/h"+1+">";

var out=""+"h"+"<"+"/h"+1+'>';

out="<h"+'2'+">"+h+"<"+"/h"+2+'>';

out="'+'h"+"<"+"/h"+1+'>';

Save

Question 13 (1 point)

Which of the following statement about HTML DOM events is correct?

Question 13 options:

The "click" event can be raise by elements other than buttons

Events are handled at the server side.

Events are all raised by users' keyboard and mouse actions.

Only functions can be used to handle events.

Save

Question 14 (1 point)

Which of the following statement about HTML DOM is NOT correct?

Question 14 options:

Every node can only have one parent

Every element can have multiple child nodes

A node is an HTML element.

The root element is "html"

Save

Question 15 (2 points)

What are GET and POST methods? What's the major difference between them?

Question 15 options:

Save

Question 16 (1 point)

What are the basic elements of a web application?

Question 16 options:

Save

Question 17 (1 point)

What are the three ways CSS can be inserted in an HTML document?

Question 17 options:

Save

Question 18 (2 points)

Use HTML code to create a link. Requirements:

- The link points to http://spsu.edu

- The link will open the site in a new browser window or tab

Use CSS to format the link. Requirements:

- The link text should be in green color, no underline;

- When the mouse cursor is over the link, the text should change to red color, with a yellow background and underlined.

Provide your source code below.

Question 18 options:

Save

Question 19 (3 points)

Write a piece of JavaScript to change the text of the button to "clicked" when the button is clicked. Requirements:

- Write the HTML for the button element

- Write JavaScript in a script block

<script type="text/javascript"></script>

Question 19 options:

Save

Question 20 (1 point)

[Bonus] Write a PHP function (write the function only) to dynamically create an HTML table with m rows and n columns. m and n are function parameters. Other requirements:

- Each column is 100 in width

- The table and all cells should have visible borders

- In each cell, please display the value of m and n aligned to the center.

Question 20 options:

Save