**Question 1 ❓**

Explain how CSS differs from HTML in the context of web development.

Answer: HTML is the framework/structure of the webpage or the bones so to speak, where CSS is like the cloths on the skin you can change them out with external help/sheets.

# Question 2 ❓

List the methods of including CSS in an HTML document and briefly describe each.

* Inline Styles: these are CSS applied directly to a HTML element using the <style> attribute
* Internal Styles: (Do Not Use) this is a older way of applying CSS into a HTML file normally added between the <style> tags and in the <head> section.

External Styles: this is the most common way to style HTML files by making new file using the CSS and <link> within the HTML document

# Question 3 ❓

Describe the anatomy of a CSS rule.

Body, h2, h1, etc = Selector

Anything within the {} is the declaration

Left of the: is the property

After the: is the value ended by a ;

# Question 4 ❓

When might you want to use RGBA instead of RGB?

You would use RGB for normal case causes but when you need to add transparency to the color or background you use RBGA which is a 4 combo with the 4th number being the transparency.   
(RGB: (10, 30, 39))  
(RGBA: (10, 10 ,55, 0.5))   
Note\* the value for each number cannot exceed 255

# Question 5 ❓

How do Hex color values differ from RGB?

Hex colors are 16 to the 6th power and are 16 bits, they are started with the # and follow by 6 numbers and letters, where RBG requires 3 sets of numbers to make up the color examples of both below, Preference is on the user Hex is harder to see what the complementary is for the base color compared to RGB or RGBA due to all you have to do is look at the color wheel.

Hex = #FF6347 (Tomato)

RGB = (255, 99, 71) (Tomato)

# Question 6 ❓

When might a developer prefer to use HSL over other color formats?

A developer will like to use HSL if they are changing the Hue of the colors more than the whole color itself this saves time later is the Hue is to change, instead of changing whole lines of colors you would only change one part of the number. (Saves time and money)

# Question 7 ❓

What are the primary text properties used in CSS to modify the appearance and layout of text?

Font-size, font-weight, font-family, color, text-indent, line-height, text-transform

# Question 8 ❓

In what scenarios might it be beneficial to use vh or vw as a unit for font size?

Great for View height, and View width. These are for when you have multiple tabs so the text on the page knows how to respond other than staying 1 dimensional.

# Question 9 ❓

Explain the difference between em and rem units.

Em and rem are relative units in CSS, em is normally used for font size of its closest parent where rem is relative to the root font size or the document font size

# Question 10 ❓

If multiple font families are listed in the font-family property, how does the browser decide which one to display?

It will use them as they are listed. If the first fails it will go to the next.