**Assignment 1 – Quiz**

**A. Please explain web server, web browser, url.**

A web server is generally a computer that hosts databases and web site files and sends them to the client whenever a request comes in from a client. A web browser is an application that can be used to access and render websites. The web browser acts as the client and requests information from the web browser, in a client-server architecture. URL stands for Uniform Resource Locator, and it is the address of a resource or website on the internet. It contains information about the web site’s location and the protocol to access it.

**B. What is difference between html and http?**

HTML stands for Hyper Text Markup Language and it is a language that marks up regular text into hypertext so that it can be used in web pages. HTTP stands for Hyper Text Transfer Protocol and it is a standard protocol that is used to transfer hypertext content from a web server to a web browser. HTML is a language whereas a HTTP is a set of rules that is used across the internet to transfer web pages and websites.

**C. What is the usage of page structure tags (<html>, <head>, <body>)? Can you work without them**?

The <html> tag is used to tell the browser that this is a HTML document and that the following code is writing in the HTML language. The <head> tag contains metadata about the HTML document, and it is placed between the <html> and <body> tags. The <body> tag contains the main content of the HTML document. An HTML document cannot work without these three main tags.

**D. What is <title> tag used for?**

The <title> tag is used to set the title of a webpage or HTML document. The title is displayed at the top of the browser, in the browser’s title bar. It is placed within the <head> tags in an HTML document.

**E. Can you identify difference between <div> and <p> tag when styling a page?**

The <p> tag is used to wrap text or paragraphs of text, whereas the <div> tag is a bigger block container that can hold other elements within it. A <p> can be placed with a <div> tag, but a <div> tag cannot be placed within a <p> tag.

**F. Provide tags for different levels of headings that HTML support?**

HTML supports 6 heading levels, with h1 having the biggest font and h6 having the smallest font.

<h1>Enter Text Here</h1>

<h2>Enter Text Here</h2>

<h3>Enter Text Here</h3>

<h4>Enter Text Here</h1\4>

<h5>Enter Text Here</h5>

<h6>Enter Text Here</h6>

**G. Joe is a potential Fall 2019 UMD student. He wants to submit his application files to UMD admission website. Draw a diagram to illustrate how Joe’s machine communicates with UMD website to return UMD admission page.**

