

1. Please explain web server, web browser, URL.

Web Server- is a computer connected to the internet waiting for a request from browsers. The server sends the web page to the browser.

Web Browser- make requests for HTML pages or other sources like images. The browser retrieves the web page that the server sends and displays it.

URL- Uniform Resource Locator provides the address of the resource such as web page in world wide web architecture.

2. What is the difference between HTML and HTTP?

HTML - HyperText Markup Language defines how web pages are formatted and displayed by a web browser.

HTTP- HyperText Transfer Protocol defines how messages are formatted and transmitted between Web servers and browsers.

Web pages are written in HTML and these web pages are transferred between client and server using HTTP.

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

<html> tag indicates that the web page is written in HTML.

<head> tag contains the information about the web.

<body> tag contains the content of the web page.

We can't create HTML page without using these page structure tags.

4. What is <title> tag used for?

<title> tag is used to define the title of the document and is required in all HTML documents.

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

When I used the <div> tag instead of <p> tag, I didn't find much difference. However <p> is used for writing paragraphs in HTML. The <div> tag defines a section or a division in HTML document and is a block container for other content.

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

There are 6 levels of headings that HTML supports.

1. <h1>Heading 1</h1>
2. <h2>Heading 2</h2>
3. <h3>Heading 3</h3>
4. <h4>Heading 4</h4>
5. <h5>Heading 5</h5>
6. <h6>Heading 6</h6>

7. 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 the UMD website to return the UMD admission page.

