1) What are clients?

Clients are the devices that request and render web content

2) When we type in a URL, the request does not typically go first to the web server.  Where does it go?

The request is first passed to a domain name server

3) [True or False] In response to a web request, all required files are sent at the same time

False

4) [Critical Thinking] Why is it important to understand DNS when helping a client change hosting companies?

Understanding DNS in general is a must because it minimizes roadblocks and makes things like changing hosting companies seamless. An example of this is knowing who the ownership of the site is assigned to. No hosting company is going to assist in anything involving the site unless the owner is involved.

5) What does the author mean when he says HTTP is a stateless protocol?

Once a request has been sent and received its discarded and forgotten by both the web server and the browser

6) [Critical Thinking] What is the purpose of a subdomain?

From what I can understand from what was said, the purpose of a subdomain is to organize the varies subdomain and make navigating them easier.

7) Which rendering engine is based on WebKit and used under the hood to develop Chrome?

Blink

8) [Critical Thinking] Why are web standards important to web developers?

Basically, if all browsers agree to and follow the same standards then all you would have to do as a web developer is stay updated with standards and your sites will be consistent across multiple devices and browsers

9) [Critical Thinking] What is the LAMP stack?

LAMP stack is a web stack in which the operating system is Linux, the web server is Apache, the database server is MySQL, and the programming language is PHP

10) [Critical Thinking] Why is it important to know what stack is being used by your host?

It’s important to know what stack is being used by your host because the stack being used by your host directly impacts the performance of your website from what I understand. You need to make sure everything is compatible

11) [True or False] According to our author, front end design is commonly associated with the server.

False

12) What are the three languages the author associates with front end design?

HTML, CSS, and Java Script

13) [Critical Thinking] Why was HTML5 created?

HTML5 was created because loads of developers were unhappy with XHTML because it didn’t have features developers wanted and needed

14) [Critical Thinking] What does the <head> of an HTML document contain?

The head of and HTML file contain nonvisual elements that help make the page work such as metatags and page descriptions

15) [Critical Thinking] What does the term cascade mean?

The term cascade refers to how the styles are applied to pages; they are allowed to overwrite one another there is an error which creates a cascading order

16) What’s the benefit of using a separate file to store your CSS?

A couple of benefits of using a separate file to store your CSS is it helps with faster development and makes it so that you can reuse or change your CSS when ever

17) In CSS, what separates a property from a value?

A colon

18) [Critical Thinking] What is the purpose of JavaScript?

JavaScript is a scripting language used in web design to add interactivity and application functionality to sites

19) Which 2 types of graphics support transparencies?

GIFs and PNGs

20) Which type of image scales without any loss in quality?

GIFs and PNGs