1) According to the author, what are the core languages a web designer needs to learn?

HTML, CSS and JS

2) [True or False]  If we open a child element, we must close it before we close the parent element.

True

3) [Critical Thinking]  Since there are now 2 different HTML specifications now being implemented at the same time, what is the author’s advice regarding these standards?

The author advises that if your new to web designing then you should start with html syntax then gradually add the newer html 5 features

4) What two websites does the author believe are the most useful to us as web designers and developers?

W3 and whatwg are the two websites the author says are more useful to web designers

5) The author identifies four things that a code editor should do, at minimum. Name two of them.

The author says that at minimum you would need a editor that has line numbers , code formatting options, syntax highlighting, and code support for all the languages you would need

***Basic Page Structure***

6) [Critical Thinking] What advantages does a tool like Chrome’s WebKit inspector have for us as developers?

Chrome’s WebKit lets us see how different web developers make there pages and gives us visuals highlights on the page for which line of code is doing what

7) In the author’s view, how is an HTML tag like a sandwich?

HTML is like a sandwich because with html tags you need an opening and a closing and in that way its like a sandwich because you need the top bun and bottom bun and all the toppings and meat in between

8) [Critical Thinking] What is the purpose of using a doctype declaration?

You need to have a doctype declaration so that the browser or user agents which version of HTML that you’ll be using

9) Why does the author advocate using the lang attribute inside the <html> tag?

Author advocates lang attribute inside the <html tag so that screen readers know how to enunciate text and language translators know what language there dealing with

10) What is the purpose of setting the charset attribute in the meta tag to utf-8?

The purpose of setting the attribute to utf-8 is that the user agents know which encoding to use so that the proper characters are being used when rendering the page

11) Why does the author advocate using the name=”description” meta tag?

Author advocates for using the description tag because search engine results display what’s in the tag and its also good for self-management and is good practice

12) [Critical Thinking] What is the purpose of the <body> tag?

The body tag is where all your pages visual content will go

13) [Critical Thinking] What is the purpose of the <p> (paragraph) tag?

To represent a paragraph or a block of text/related context

14) [Critical Thinking] What is the difference between the block level and inline level content models?

Block level elements take up their own line within the document while inline level elements appear within the flow of other content

15) Of the 7 new content models, identify which one is most like inline, and give 2 examples of elements it includes.

Phrasing is most like inline because it has tags like italics and bold

***Formatting Page Content***

16) [Critical Thinking] What is the purpose of the <pre> tag?

The purpose of the pre tag is to let the browser know that it needs to display whatever is inside the tag exactly

17) [Critical Thinking] Why use an <em> tag instead of an <i> tag when they produce the same visual appearance?

Because screen readers will keep reading as normal if italics tags are being used where is with <em> it will change its voice to emphasize what’s in the tag

18) [Critical Thinking] Although the heading tags have default have sizes related to them, what is the purpose of using more than one type of heading tag in our documents?

The purpose of using more than one type of heading is to show the different levels of importance between each one.

19) [Critical Thinking] Each block level element has margins that optionally create space around them.  What does the author mean when he says, “vertical margins in CSS collapse?”

Basically, all html elements have top and bottom margins so that double spacing between paragraphs don’t occur

20) [Critical Thinking] What does it mean when we say a tag is self closing?

When web developers say a tag is self-closing it means that the tag in particular does not need a closing tag