1.Explain the concept of progressive enhancement.

The concept of progressive enhancement is to build a site that will work with or without Javascript to accommodate accessibility needs. The site developer layers enhancements onto the basic functionality of the site.

2.What is one good way to make sure that our scripts are unobtrusive to the page?

Writing the scripts at the bottom of the page.

3.How can we write scripts that are backwardly compatible?
We can write scripts that are backwardly compatible by adhering to web standards.

4.What are the three steps to building a progressively enhanced web site?

Progressive enhancement is a three-step process:
Step1: Design with HTML and server side languages (PHP, .NET, etc)
Step2: Enhance with CSS
Step3: Enhance with Javascipt/Ajax

5.What is Web 2.0?

Web 2.0 is the second generation of the web, the transition from static web pages to dynamic user generated content. Social networks are also a part of web 2.0

6.Explain how progressive enhancement affects accessibility of page content.

Progressive enhancement affects accessibility by making the page more agile and readable to accessibility devices. It also helps make the page viewable on outdated and low powered machines.

7.What is the Document Object Model (DOM)?

The Document Object Model is a platform- and language-neutral interface that will allow programs and scripts to dynamically access and update the content, structure and style of documents.

8.What is another name for JavaScript?

Actionscript.

9.What is the difference between an interpreted and a compiled programming

language?

A compiled programming language can be executed directly or natively from the computer's CPU (or mobile device). An interpreted programming language such as javascript requires a translator at the time it is run so that I can read by the native CPU.

10.What are the best practices regarding how to add JavaScript to a HTML document?

Javascript best practice is to add the script to the bottom of the HTML page right before the closing body tag. This prevents the page load from being interrupted by the blocking nature of javascript's load process.

11.List three browser add-ons that are helpful with web development.

Fire FTP (Firefox)
Fire Bug (Firefox)
Web Developer Toolbar