Answer everything in the exam booklet. I won't answer any questions during the exam, just state your assumptions with your answer. There are 8 questions. There are 40 marks on the exam, so you have about 2 minutes for each mark. Remember: quality, not quantity. Providing concise examples is helpful. Good luck.

5 marks each x 8 questions = 40 marks. Numbers in parentheses indicate marks for each part. 1-2 sentences per mark should be sufficient.

1. [Chapter 1] (a) What is the difference between the web and the internet? (2); (b) What is a MIME type? (1); (c) How can encryption support security on the web? (2)

2. [Chapter 1] (a) Describe the web in terms of clients and servers. (2); (b) Is a graphical user interface (GUI) necessary to connect to the internet? (2); (c) What is an indication that your connection to a server is secure? (1)

3. [Chapter 2] (a) Why is XHTML superior to HTML? (2); (b) How is this made possible? (1); (c) Why is character encoding important? (2)

4. [Chapter 2] (a) What is an example of something been removed from HTML in XHTML? (2); (b) What is, ideally, being represented in (X)HTML? (2); Why is validation important? (1)

5. [Chapter 3] (a) How can <span> and <div> tags be used for styling a document? (2); (b) What is the effect of:
   ```
   * {color: green;}
   ```
   (1); (c) What does the following CSS code fragment do to a text input area (how will it appear)? (2)

   ```
   <style type = "text/css">
        input:hover {background: fuchsia; color: red;}
        input:focus {background: aqua; color: blue;}
   </style>
   ```

6. [Chapter 3] (a) Are inline style definitions useful? (1); (b) What is the need for CSS? (2); (c) What is an example of how CSS can improve the usability of a hypertext document? (2)

7. [Chapter 4] (a) How are Java and JavaScript alike? (1); (b) What is a way that JavaScript is different from the language with which you are most familiar? (2); (c) How do you understand the adage of "program into a language, not in a language" in this case? (2)

8. [Chapter 4] (a) How does/could JSLint help you to write better code? (2); (b) What are some features of JavaScript that could easily lead to errors in your code? (3)