**Q1 - Section 1.1.3**

**Main Topic:** This question ensures the student is familiar with the technologies behind the Internet and how they work in layers.

**Question Worth:** 2 points

**Correct Answer:** False

**PHP Grading Scheme:** In order to grade this question, you would first check if($\_POST) to ensure a question was selected and the post array is not empty. This would award the student 1 point. From there, you would check if($\_POST['answer'] == "false"), in order to award the student 2/2 points.

**Q2 - Section 2.2.4**

**Main Topic:** This question ensures the student is able to write a webpage with information about a web page aka pre-formatted text.

**Question Worth:** 3 points

**Correct Answer:** Option 2

**PHP Grading Scheme:** In order to grade this question, you would first check if(!empy($\_POST['check\_list'])) to ensure a question was selected and the post array check\_list array is not empty. This would award the student 1 point. Now in a foreach($\_POST['check\_list'] as $answer), check if $answer == 'value2'. If that's true set a boolean to true, otherwise false. If false, student earns 1/3 points. Now if the count of check\_list[] is 2, award 2 points. Else the count is 1 so award all 3 points.

**Q3 - 3.2.1**

**Main Topic:** This question ensures the student is able apply CSS properties to their text in order to transform it to a desired appearance.

**Question Worth:** 7 points

**Correct Answer:** Every option besides the 3rd.

**PHP Grading Scheme:** In order to grade this question, you would first check if(!empy($\_POST['check\_list'])) to ensure a question was selected and the post array check\_list array is not empty. This would award the student 1 point. Declare a false boolean. Now in a foreach($\_POST['check\_list'] as $answer), check if $answer == 'value3'. If that's true set the boolean to true. If the boolean is true and the count of the check\_list[] is greater than 1, then the student earns the count - 1+ the initial 1 point (since every question is correct but they also entered the incorrect one). If the boolean is false, the student earns all 7 points.

**Q4 - Section 4.4.1**

**Main Topic:** Centering items is important and using auto margins is a good option to do so, however you must know the width must be set in order for it to work.

**Question Worth:** 2 points

**Correct Answer:** False

**PHP Grading Scheme:** In order to grade this question, you would first check if($\_POST) to ensure a question was selected and the post array is not empty. This would award the student 1 point. From there, you would check if($\_POST['answer'] == 'false'), in order to award the student 2/2 points.

**Q5 - Section 5.2.5**

**Main Topic:** This question ensures the student understands php variable initialization, arithmetic, and boolean logic.

**Question Worth:** 2 points

**Correct Answer:** Option 2

**PHP Grading Scheme:** In order to grade this question, you would first check if($\_POST) to ensure a question was selected and the post array is not empty. This would award the student 1 point. From there, you would check if($\_POST['answer'] == 'Option2'), in order to award the student 2/2 points.

**Q6 - 6.2.1**

**Main Topic:** This question ensures the student is able apply CSS properties to their text in order to transform it to a desired appearance.

**Question Worth:** 6 points

**Correct Answer:** email, text, tel, number, button

**PHP Grading Scheme:** In order to grade this question, you would first check if(!empy($\_POST['check\_list'])) to ensure a question was selected and the post array check\_list array is not empty. This would award the student 1 point. Now do foreach($\_POST['check\_list'] as $answer), check if ($answer == 'value3' || 'value5' || 'value8'). If the statement is true then the student is deducted 1 point from the total 6 to a minimum of 1.

**Q7 - Section 7.3.1**

**Main Topic:** When making a webpage, it's important to take accessibility issues into account so that your webpage can reach the max amount of potential viewers.

**Question Worth:** 3 points

**Correct Answer:** If they include 2 of the following:

Blindness, Blind, Poor Vision, Color Blindness, Deaf, Deafness, Poor Motor Skills, Alternate Input Devices, Bad Connection, Poor Connection, Slow Connection, Slow or Poor Connectivity, International Users.

**PHP Grading Scheme:** In order to grade this question, you would first check if($\_POST) to ensure a question was selected and the post array is not empty. This one is slightly difficult to grade, as are all textbox questions, however to do so you would have all the correct options on an array and in a foreach loop for their words, you would do bool in\_array(their word) and if it's true, they gain a point up to 3 total points.