Import Settings:

Base Settings: Brownstone Default

Information Field: Complexity

Information Field: Ahead

Information Field: Subject

Information Field: Title

Highest Answer Letter: C

Multiple Keywords in Same Paragraph: No

NAS ISBN13: 9781284093674, add to Ahead, Title tags

**Chapter: Chapter 10 - Quiz**

**Multiple Choice**

1. The following code retrieves the radio button collection for a group of radio buttons where “ethnicity” is the name of the radio button group:

ethnicityRBs = form.elements["ethnicity"];

How can you retrieve the selected radio button’s value?

A) ethnicityRBs.selection

B) ethnicityRBs.value

C) ethnicityRBs.getValue(0)

Ans: B

Complexity: Moderate

Ahead: Radio Buttons

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript

2. Suppose birthYears is the name of a pull-down menu control. What happens when the following code executes?

birthYears.selectedIndex = 0;

A) The pull-down menu expands to show all the menu’s options.

B) The pull-down menu displays “invalid.”

C) The browser engine selects the pull-down menu’s first option.

Ans: C

Complexity: Easy

Ahead: Pull-Down Menus

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript

**True/False**

1. True or False? In executing a while loop, the JavaScript engine first executes the while loop’s body and then checks the while loop’s condition.

Ans: False

Complexity: Moderate

Ahead: while Loop

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript

2. True or False? To create a group of checkboxes, you should use the same id attribute value for each checkbox in the group.

Ans: False

Complexity: Moderate

Ahead: Checkboxes

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript

**Essay**

1. You should have a prologue in your JavaScript external files. What is a prologue?

Ans: A block comment that provides information about the file

Complexity: Moderate

Ahead: Compound Interest Web Page

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript

2. There are two techniques for connecting a label element to its control: (1) using a for attribute, and (2) embedding the control inside the label element’s start and end tags. What is the difference in functionality between these two techniques?

Ans: There is no difference.

Complexity: Difficult

Ahead: Radio Buttons

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript

3. What is the purpose of the z-index CSS property?

Ans: The z-index CSS property determines the order of overlapping elements along the web page's z axis.

Complexity: Moderate

Ahead: Using z-index to Stack Elements on Top of Each Other

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript

4. When executed, what does the following code fragment display?

var x = 5;

var y = x++;

alert("x = " + ++x + ", y = " + y);

Ans: x = 6, y = 5

Complexity: Moderate

Ahead: Using z-index to Stack Elements on Top of Each Other

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript

5. Is the readonly keyword an HTML attribute or a JavaScript property?

Ans: HTML attribute

Complexity: Easy

Ahead: textarea Controls

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript

6. To implement a pull-down menu, you provide a select container with a list of elements inside it. Those elements form the selections for the menu. What is the element type for those elements?

Ans: option

Complexity: Moderate

Ahead: Pull-Down Menus

Subject: Chapter 10

Title: Loops, Additional Controls, Manipulating CSS with JavaScript