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 09 - Quiz**

**Multiple Choice**

1. When should you use dialog boxes (alert, confirm, and prompt) for input and output?

A) Dialog boxes are new with HTML5 and, as such, they are gaining traction as the preferred technique for all input and output.

B) Use dialog boxes only when you want to draw sharp attention to something and you want to force the user to deal with the issue immediately.

C) Use dialog boxes for all text input, but not for numerical input.

Ans: B

Complexity: Moderate

Ahead: Game Night Web Page Revisited>

Subject: Chapter 9

Title: Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation

2. Consider the following three strings:

“to be or not to be”, “to”, “tooth”

Which of the following shows the strings sorted into ascending lexicographical order (words that are considered less than other words should be at the left).

A) “to be or not to be”, “to”, “tooth”

B) “to”, “tooth”, “to be or not to be”

C) “to”, “to be or not to be”, “tooth”

Ans: C

Complexity: Difficult

Ahead: Strings

Subject: Chapter 9

Title: Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation

**Short Answer**

1. To embed a backslash character (\) within a JavaScript string, you need to use the \_\_\_\_\_\_ escape sequence.

Ans: \\

Complexity: Moderate

Ahead: Strings

Subject: Chapter 9

Title: Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation

**Essay**

1. Provide a functionally equivalent, shorter version of the following code:

window.document.getElementById["name"]

Ans: document.getElementById["name"]

Complexity: Moderate

Ahead: window Object

Subject: Chapter 9

Title: Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation

2. The following code generates a dialog box that contains a question and an input box:

prompt("What's your favorite color?", "");

Initially, what displays inside the input box?

Ans: Nothing (the empty string)

Complexity: Moderate

Ahead: prompt Method

Subject: Chapter 9

Title: Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation

3. Suppose a variable x holds “dog”. After the following code gets executed, what does x hold?

x += "fish";

Ans: “dogfish”

Complexity: Easy

Ahead: Strings

Subject: Chapter 9

4. When the following code executes, what message does the dialog box display?

var month = "January";

if (month.toLowerCase() == "january") {

alert("It is " + month + "!");

}

Ans: It is January!

Complexity: Moderate

Ahead: Strings

Subject: Chapter 9

Title: Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation

5. After the following code executes, what does x hold?

var location = "Taos, NM";

var x = location.charAt(location.length - 1);

Ans: M

Complexity: Moderate

Ahead: More String Details

Subject: Chapter 9

Title: Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation

6. After the following code executes, what does x hold?

var animal = "porcupine";

var x = animal.lastIndexOf("p", 3);

Ans: 0

Complexity: Moderate

Ahead: More String Details

Subject: Chapter 9

Title: Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation

7. What does the following expression evaluate to?

39 % 10 / 4

Ans: 2.25

Complexity: Moderate

Ahead: Arithmetic Operators

Subject: Chapter 9

Title: Additional JavaScript Basics: window Object, if Statement, Strings, Numbers, and Input Validation