**Multiple Choice**

1. The formal term for creating an object is:

A) objectification.

B) creation.

C) instantiation.

Ans: C

Complexity: Moderate

Ahead: Classes, Constructors, Properties, new Operator, Methods

Subject: Chapter 11

2. What is the difference between a method heading and a function heading?

A) A method heading uses the word <code>method</code> at the left.

B) A function heading uses the word <code>function</code> at the left.

C) A method heading includes parameters and a function heading provides arguments.

D) A function heading includes parameters and a method heading provides arguments.

Ans: B

Complexity: Moderate

Ahead: Classes, Constructors, Properties, new Operator, Methods

Subject: Chapter 11

3. If you declare a variable with <code>var</code>, but do not initialize it to a value, what will the variable contain?

A) <code>undefined</code>

B) <code>null</code>

C) 0

Ans: A

Complexity: Moderate

Ahead: Point Tracker Web Page

Subject: Chapter 11

4. Suppose an <code>onclick</code> event-handler function includes an <code>e</code> parameter for its passed-in event object. What code could be used to access the mouse pointer’s *x* coordinate position?

A) <code>xValue</code>

B) <code>e.clientX</code>

C) <code>e.getXCoordinate();</code>

Ans: B

Complexity: Moderate

Ahead: Event Handlers

Subject: Chapter 11

5. Using the formal JavaScript inheritance terms, which of the following is true?

A) A subclass inherits from a superclass.

B) A superclass inherits from a subclass.

C) A generic class inherits from a specific class

Ans: A

Complexity: Moderate

Ahead: Inheritance Between Classes

Subject: Chapter 11

**True/False**

1. True or False? A class property is associated with a class as a whole, not with an individual instance of a class.

Ans: True

Complexity: Moderate

Ahead: Point Tracker Web Page

Subject: Chapter 11

2. True or False? To call a regular method, you preface the method name with an object and a dot. The object is referred to as a cotterized object.

Ans: False

Complexity: Moderate

Ahead: static Methods

Subject: Chapter 11

3. True or False? To emulate a class with legacy code, you implement a function whose name serves as a class name, and that function then serves as a constructor.

Ans: True

Complexity: Moderate

Ahead: Using Prototypes to Emulate a Class

Subject: Chapter 11

4. True or False? Polymorphism refers to a variable’s ability to change its type from a string to a number.

Ans: False

Complexity: Moderate

Ahead: Pet Registry Web Page

Subject: Chapter 11

**Short Answer**

1. A(n) \_\_\_\_\_\_\_\_\_\_ is a special method that gets called when there is an attempt to create an object.

Ans: constructor

Complexity: Moderate

Ahead: Classes, Constructors, Properties, new Operator, Methods

Subject: Chapter 11