1. Using this object literal, create a constructor and instantiate this teacher as an instance of the constructor. var teacher = { firstname = “Ian”, lastname = “Lasky”, Degree = “MS”, Department = “BE”, Age = 47 };

Function prof(firstname,lastname,Degree,Department,Age){

This.firstname=firstname;

This.lastname=lastname;

This.Degree=Degree;

This.Department=Department;

This.Age=Age;

}

Var teacher = new prof(“Ian”,”Lasky”,”MS”,”BE",48);

1. A constructor is a \_\_\_\_\_\_\_\_\_\_\_.

**Function**

1. What happens if you forget to use the keyword new with a constructor?

**Uncaught TypeError**

1. What does a constructor function return?

**The new object**

1. What is an object literal? Show me an example of an object literal in Chapter 12.

**Hard coded object properties**

**var dog = {**

**name: "Fido",**

**breed: "Mixed",**

**weight: 38**

**};**

1. What would you use if you wanted to know if an object was created by a specific constructor?

**Instanceof operator**

1. List 3 builtin constructors that JavaScript comes with.

**Call, escape, unescape**

1. What keyword is used in a constructor to allow access to the object being constructed and adds properties to that object?

**Prototype**

1. How are objects customized and initialized in Chapter 12?

**Initialized with new key word and customized with prototype keyword.**

1. When is it better to use a Constructor rather than an object literal?

**It is customizable and can be used for multiple objects.**