Circle the correct answer for each of the following multiple choice questions.

1) The scope of a variable refers to
   a) The range of numeric values the variable may have
   b) Whether the variable is a primitive or object variable
   c) Where in the code the name of the variable may be used
   d) All of the above
   e) None of the above

2) In a single class, two or more methods with the same name is called
   a) Method finalization
   b) Method ambiguity
   c) Data hiding
   d) Method overloading
   e) The Java compiler does not permit two methods to have the same name

3) Which of the following are principles of Object Oriented design?
   a) Abstraction
   b) Encapsulation
   c) Data hiding
   d) All of the above
   e) None of the above

4) A constructor method for a class is called when
   a) an object is created with new
   b) one object is assigned to another
   c) the program starts execution, before main is called
   d) static methods for the class are called
   e) None of the above

5) Which of the following is correct?
   a) classes are variables, objects are methods
   b) an object is an instance of a class
   c) a class is an instance of an object
   d) All of the above
   e) None of the above