NAME:

Multiple Choice (2 each):

1. What are the two primary programming methodologies used today?
   a. Basic and procedural
   b. Object-oriented and Basic
   c. Procedural and Object-oriented
   d. Cobol and Pascal

2. Attributes in Visual Basic are referred to as
   a. GUIs
   b. Code
   c. Events
   d. Properties

3. The CPU only processes instructions written in:
   a. Machine language
   b. Notepad
   c. Microsoft Word
   d. C++

4. What are some GUI elements?
   a. Objects, actions, code, and performance
   b. Windows, actions, menus, and hardware
   c. Windows, dialog boxes, buttons, and menus
   d. Mice, cables, keyboards, and disks.
   e. 

5. How do you add a control onto a form?
   a. Drag the control from the toolbox into the form window.
   b. Place your mouse in the form and type the control name.
   c. Double click the text property in the Properties Window.
   d. Click the Common Controls tab in the toolbox window, and then double click on the control icon.
6. A Boolean property:
   a. Sets the variables for the application
   b. Is made of many other letters and numbers
   c. Changes the font size
   d. Can only hold two values

7. What object is used to identify the current form?
   a. Name
   b. Display
   c. Me
   d. Sub

8. To change the text colors, what property is used?
   a. Font
   b. Text
   c. Align
   d. ForeColor

9. You are writing a program to compute carpet size. Instead of multiplying the length by the width, you add the two numbers instead. This is an example of:
   a. A syntax error
   b. A run-time error
   c. A logical error
   d. All of the above

10. Pseudocode is:
    a. A set of programming statements calculated by the computer.
    b. A cross between human language and a programming language.
    c. Machine Language.
    d. A code written in Visual Basic.

11. What is NOT a definition for a keyword?
    a. A word that is reserved for a specific task or command in a coding language.
    b. A word that is predefined for a specific purpose.
    c. A user-defined word that identifies a variable.
    d. A word that has special meaning in a programming language.

12. Which of the following is a legal control name?
    a. 2001sales
    b. txtUserName
    c. lblUser Age
    d. txtName/Address
13. Which of the following is an appropriate control to display a picture?
   a. TextBox
   b. Label
   c. PictureBox
   d. Form

14. Which of the following is an appropriate control for a user to enter his or her name?
   a. TextBox
   b. Label
   c. PictureBox
   d. Form

**True/False (2 each):**

1. The Visible property is Boolean. **True** **False**

2. You should be very cautious about, and even avoid, placing comments in your code. **True** **False**

3. You can run an application in the Visual Studio environment by pressing the F5 key. **True** **False**

4. You cannot modify a control’s Text property with code. **True** **False**

5. Variables are characters or symbols that perform operations on one or more operands. **True** **False**

6. The default name given to the first Label control in a program is LabelOne. **True** **False**
Short Answer (2 for each question or part of a multipart question):

1. Explain the difference between an object’s Text and its Name.

2. For each of the following controls, make up an appropriate legal name that conforms to the standard control name conventions described in the text.
   
a. A TextBox control in which the user enters his or her last name.
   
b. A Label control used to display the total of an order.
   
c. A Button control that clears all the input fields on a Form.

3. Give an example of an event (in the context of Visual Basic programming).