

Midterm Examination 2
CSCE 204 – Spring 2009
Thursday, March 5
Time: 9:30-10:20

NAME:

Multiple Choice (2 each):

1. The condition in the following (incomplete) statement: If (condition 1 And condition 2) Then is only true:
 - a. if Condition 1 is True and Condition 2 is False
 - b. if Condition 1 is False and Condition 2 is False
 - c. if Condition 1 is True and Condition 2 is True
 - d. if Condition 1 is False and Condition 2 is True

2. An If statement must
 - a. have an Else clause
 - b. have a Then clause
 - c. have an ElseIf clause
 - d. have a logical (Boolean) operator in its condition

3. Relational operators allow you to:
 - a. add numbers
 - b. compare numbers
 - c. concatenate strings
 - d. average numbers

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.

5. This operator reverses the logical value of an expression. It makes a true expression false and a false expression true.
 - a. And
 - b. Or
 - c. Xor
 - d. Not

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

7. A Try ... Catch statement is useful for handling:
 - a. Syntax errors
 - b. Logical errors
 - c. Runtime errors
 - d. Hardware errors

8. 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

9. Which of the following describes the part of a program in which a variable may be used :
 - a. Segment
 - b. Lifetime
 - c. Scope
 - d. Module

10. Which of the following is an appropriate control to display a picture?
 - a. TextBox
 - b. Label
 - c. PictureBox
 - d. Form

True/False (2 each):

1. A variable is a name that represents a storage location in the computer's memory. **True False**
2. You should be very cautious about, and even avoid, placing comments in your code. **True False**
3. The tab order is permanent and can not be changed. **True False**
4. What is the value of the following relational expression "ABC123" = "abc123". **True False**
5. An If statement is an example of a conditional statement. **True False**
6. The default name given to the first Label control in a program is LabelOne. **True False**
7. It is possible to write an expression that contains more than one logical (Boolean) operator. **True False**
8. You can assign a constant a new value with an assignment statement. **True False**
9. If the CInt function can not convert its argument, it causes a runtime error. **True False**
10. A variable's data type determines the kind of information the variable can hold. **True False**

Short Answer (2 each):

1. Write a statement to clear the contents of a text box txtName:
2. Declare a variable appropriate for holding the number of backpacks sold this week by a outdoors store:
3. Write an If statement that multiplies decPayRate by 1.5 when decHours is greater than 40.
4. Write an assignment statement that concatenates strFirstName and strLastName and assigns the value to txtName.Text.
5. Give the value of dblNumber after execution of the following assignment statement:

$$\text{dblNumber} = (2 + 4) * 3 + 2$$