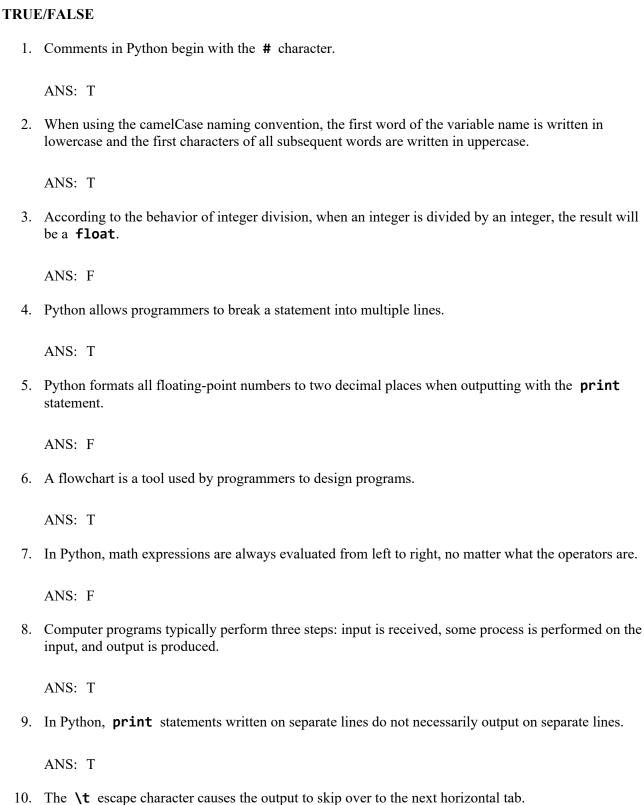
## https://selldocx.com/products/test-bank-python-5e-by-gaddis

# **Starting Out with Python 5e (Gaddis)**

# Chapter 2 Input, Processing, and Output



	ANS: T					
11.	Since a named constant is just a variable, it can change any time during a program's execution.					
	ANS: F					
MUL	MULTIPLE CHOICE					
1.	What is the informal language, used by programmers use to create models of programs, that has no syntax rules and is not meant to be compiled or executed?					
	<ul><li>a. flowchart</li><li>b. algorithm</li><li>c. source code</li><li>d. pseudocode</li></ul>					
	ANS: D					
2.	A(n) is a diagram that graphically depicts the steps that take place in a program?  a. flowchart b. algorithm c. source code					
	d. pseudocode					
	ANS: A					
3.	The function reads a piece of data that has been entered at the keyboard and returns that piece of data, as a string, back to the program.  a. input()					
	b. output() c. eval_input() d. str_input()					
	ANS: A					
4.	The line continuation character is a					
	a. #					
	b. <b>%</b> c. <b>&amp;</b>					
	d. \					
	ANS: D					
5.	Which mathematical operator is used to raise 5 to the second power in Python?					
	a. / b. **					
	b. ** c. ^					
	d. ~					
	ANS: B					

6. In a **print** statement, you can set the \_\_\_\_\_ argument to a space or empty string to stop the output from advancing to a new line.

```
b. end
    c. separator
    d. newLine
    ANS: B
7. After the execution of the following statement, the variable sold will reference the numeric literal
    value as (n) data type.
       sold = 256.752
    a. int
    b. float
    c. str
    d. currency
    ANS: B
8. After the execution of the following statement, the variable price will reference the value
       price = int(68.549)
    a. 68
    b. 69
    c. 68.55
    d. 68.6
    ANS: A
9. What is the output of the following statement?
       print('I\'m ready to begin')
    a. Im ready to begin
    b. I\'m ready to begin
    c. I'm ready to begin
    d. 'I\'m ready to begin'
    ANS: C
10. What is the output of the following statement, given that value1 = 2.0 and value2 = 12?
       print(value1 * value2)
    a. 24
    b. value1 * value2
    c. 24.0
    d. 2.0 * 12
    ANS: C
11. What is the output of the following statement?
       print('The path is D:\\sample\\test.')
    a. 'The path is D:\\sample\\test.'
    b. The path is D:\\sample\\test.
    c. The path is D\\sample\\test.
```

a. stop

```
d. The path is D:\sample\test.
    ANS: D
12. What is the output of the following statement?
       print('One'
              'Two'
              'Three')
    a. One Two Three
    b. One
        Two
       Three
    c. OneTwoThree
    d. Nothing—This statement contains an error.
    ANS: C
13. The built-in function is used to read a number that has been typed on the keyboard.
    a. input()
    b. read()
    c. get()
    d. keyboard()
    ANS: A
14. What is the output of the following code?
       val = 123.456789
       print(f'{val:.3f}')
    a. 123
    b. 123.457
    c. 123.456
    d. 123.456789
    ANS: B
15. What is the output of the following code?
       val = 123456.789
       print(f'{val:,.2f}')
    a. 123456.79
    b. 123456.78
    c. 123,456.78
    d. 123,456.79
    ANS: D
16. Which of the following will display 20%?
    a. print(f'{20:.0%}')
```

	<pre>b. print(f'{0.2:.0%}') c. print(f'{0.2 * 100:.0%}') d. print(f'{0.2:%}')</pre>
	ANS: B
17.	What symbol is used to mark the beginning and end of a string?  a. a slash (/)  b. an asterisk (*)  c. a quote mark (")  d. a comma (,)  ANS: C
10	
18.	To use Python's turtle graphics, you must include which of the following statements in your program?  a. import turtle_module b. import turtle_graphics c. import turtle d. import Turtle
	ANS: C
19.	The Python turtle is initially positioned in the of a graphics window and it first appears, by default, to be heading  a. center, up b. top left corner, east c. bottom left corner, down d. center, east  ANS: D
20.	You can use the turtle graphics command to get numeric input from the user and assign it to a variable.  a. turtle.numinput b. turtle.getnum c. turtle.inputnum d. turtle.dialog  ANS: A

## MULTIPLE RESPONSE

- 1. Select all that apply. Which of the following are steps in the program development cycle?
  - a. design the program
  - b. write the code and correct syntax errors

  - c. test the programd. correct logic errors

ANS: A, B, C, D

- 2. Select all that apply. Assume you are writing a program that calculates a user's total order cost that includes sales tax of 6.5%. Which of the following are advantages of using a named constant to represent the sales tax instead of simply entering 0.065 each time the tax is required in the code?
  - a. It will be easier for another programmer who may need to use this code to understand the purpose of the number wherever it is used in the code.
  - b. If the tax amount changes to 7.0%, the value will only have to be changed in one place.
  - c. It allows the end-user to always see the value of the sales tax.
  - d. It avoids the risk that any change to the value of sales tax will be made incorrectly or that an instance of the tax value might be missed as might occur if the number had to be changed in multiple locations.

ANS: A, B, D

### COMPLETION

<i>)</i> 1 <b>V</b> 1	LETION
1.	are notes of explanation that document lines or sections of a program.
	ANS: Comments
2.	The % symbol is the remainder operator, also known as the operator.
	ANS: modulus, mod
3.	$A(n)$ character is a special character that is preceded with a backslash ( $\backslash$ ), appearing inside a string literal.
	ANS: escape
4.	The specifier is a special set of characters that specify how a value should be formatted.
	ANS: formatting
5.	When applying the .3f formatting specifier to the number 76.15854, the result is
	ANS: 76.159
6.	A(n) is a single task that the program must perform in order to satisfy the customer.
	ANS: software requirement
7.	In the expression 12.45 + 3.6, the values to the right and left of the + symbol are the
	ANS: operands
8.	A(n) is a name that represents a value stored in the computer's memory.
	ANS: variable
9.	Python uses to categorize values in memory.
	ANS: data types
0.	When the + operator is used with two strings, it performs string .

	ANS:	concatenation
11.	A	is a name that represents a value the cannot be changed during a program's execution.
	ANS:	named constant