

CS 0008: Introduction to Computer Programming with Python (Spring 2019)

Department of Computer Science, University of Pittsburgh

Dr. Constantinos Costa (costa.c@cs.pitt.edu)

Quiz 01 – Monday, Feb 10, 2019

Your name: ANSWER

Email:

Instructions

- Please write your name and your email on this booklet **now**
- This is a closed-book test. No books, notes or other external material or electronic devices are allowed. The standard academic honesty policies apply.
- There are 6 questions on the test for a total of 100 points.
- Considering the multiple-choice questions, please read the question and **all** the suggested answers carefully before deciding your answer. All questions have a **single** correct answer.
- Feel free to use the white space in this booklet for your notes.
- You must use a pen to write your answers in this booklet.
- You **must** return this booklet in order for your exam to be graded and you to pass the class.
- You have exactly **25 minutes** to complete the test. Good luck!

Questions	Points Achieved	Max Points
1–6		100
Total		100
Exam Total		100

1 [15 points] Which of the following commands is correct?

- A. First Name = Costas
- B. 1Name = Costas
- C. Name1 = Costas
- D. Name% = Costas

ANSWER: C

2 [15 points] How many different values can we represent with a group of 4 bits?

- A. 15
- B. 16
- C. 31
- D. 32

ANSWER: B

3 [20 points] What will be printed on the screen when the following loop is executed?

```
counter = 0
while counter <= 10:
    counter = counter + 2
    if (counter % 2 == 0):
        print(counter, end = ' ')
```

- A. 0 2 4 6 8 10
- B. 2 4 6 8 10 12
- C. Nothing.
- D. 2 4 6 8 10

ANSWER: B

4 [20 points] How many times will the following loop repeat?

```
counter = 0
while counter < 10:
    counter = counter - 1
```

- A. 9
- B. 10
- C. 11
- D. Infinite times. It will never end.

ANSWER: D

5 [15 points] The -= operator is an example of one:

- A. Priming Read
- B. Pretest
- C. Augmented Assignment
- D. Nested Loop

ANSWER: C

6 [15 points] Short notes placed in different parts of a program explaining how those parts of the program work:

- A. Operands
- B. Algorithm
- C. Comments
- D. Logic Error

ANSWER: C

Congratulations - you finished the test!