## STSCI 5010 STSCI Pop Quiz 2 Solutions

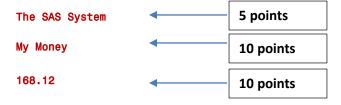
(9/26/2018)

Your Name	
NetID	

1. After the following SAS code is submitted, what <u>exactly</u> will be output by SAS in the form of list report? (25 points)

```
data test;
     X=168.116;
     label x = 'My Money';
run;
options nodate nonumber;
proc print data=test label noobs;
     format X 6.2;
run;
```

## The output is:



- 2. Suppose you submit a short, simple DATA step. If the active window displays the message "DATA step running" for a long time, what probably happened? (15 points)
  - A. You misspelled a keyword.
  - B. You forgot to end the DATA step with a RUN statement.
  - C. You specified an invalid data set option.
  - D. None of above.

**Correct Choice: B** 

3. What happens if you submit the following program? (15 points)

```
proc sort data=clinic.diabetes;
run;
proc print data=clinic.diabetes;
  var age height weight pulse;
  where sex='F';
run;
```

- A. The PROC PRINT step runs successfully, printing observations in their sorted order.
- B. The PROC SORT step permanently sorts the input data set.
- C. The PROC SORT step generates errors and stops processing, but the PROC PRINT step runs successfully, printing observations in their original (unsorted) order.
- D. The PROC SORT step runs successfully, but the PROC PRINT step generate errors and stops processing.

**Correct Choice: C** 

4.	In your SAS data set, you have a variable named X. One of the values of X is <b>1234.56</b> . The format used for X in the PROC PRINT procedure is <b>DOLLAR6.2</b> . What will be displayed for X? (15 points)
	A. \$1,234.56

C. 1234.56 D. 1234.6

B. \$1234.56

**Correct Choice: D** 

5. The stored value of the numeric variable V in a SAS data set is 1, a numeric value. The format used for V in the PROC PRINT procedure is **DATE7**.. What will be displayed for V? If later the format for V is changed to **DATE8**. and then to **DATE9**., what will be displayed for V, respectively? (30 points)

