

STSCI 5010 STSCI Pop Quiz 2

Solutions

(9/26/2018)

Your Name _____

NetID _____

1. After the following SAS code is submitted, what exactly 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:

The SAS System	←	5 points
My Money	←	10 points
168.12	←	10 points

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 **1234.56**. The format used for X in the PROC PRINT procedure is **DOLLAR6.2**. What will be displayed for X? (15 points)

A. \$1,234.56
B. \$1234.56
C. 1234.56
D. 1234.6

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)

For the DATE7. Format, it displays 03JAN60



10 points

For the DATE8. Format, it displays 03JAN60



10 points

For the DATE9. Format, it displays 03JAN1960



10 points