

STSCI 5010 STSCI Pop Quiz 3

(10/26/2018)

Your Name _____

NetID _____

1. Which function calculates the average of the variables Var1, Var2, Var3, and Var4? (20 points)

A. mean(var1, var4)
B. mean(var1-var4)
C. mean(of var1, var4)
☒ D. mean(of var1-var4)

2. What is the result of the following SAS function? (20 points)

```
intck('year','01jun2015'd,'2jan2014'd);
```

-1

3. What is the value returned by the following SAS function? (20 points)

```
mdy(1,1,1959);
```

-365

4. What is the length (in bytes) of the target variable concat?

```
concat = "Cornell" || "University" || "MPS"; (20 points)
```

20 (bytes)

5. Dataset sashelp.class contains 5 variables (including name, age, sex, weight, etc.). The following SAS program is submitted:

```
data Test(drop=age);  
  set sashelp.class (keep=name age sex weight);  
  drop=sex;  
  newage=age+1;  
  adjustedWeight1=weight*0.9321;  
  adjustedWeight2=weight*0.9888;  
run;
```

Select the correct answer:

(20 points)

A. 4 variables are written to the data set Work.Test.
B. 5 variables are written to the data set Work.Test.
C. 6 variables are written to the data set Work.Test.
☒ D. 7 variables are written to the data set Work.Test.