Sample Questions

The following sample questions are not inclusive and do not necessarily represent all of the types of questions that comprise the exams. The questions are not designed to assess an individual's readiness to take a certification exam. Note: Rationales for each question provided at the end of this document.

SAS 9.4 Programming Fundamentals

Question 1

Which ends a step?

A. a RUN statement
B. an END statement
C. an ENDSTEP statement
D. a semicolon

correct answer= "A"

Question 2

Given the SAS log shown below:

```
199 dat students;
    ---
    14

WARNING 14-169: Assuming the symbol DATA was misspelled as dat.
200    set sashelp.class;
201    ratio=height/weight;
202 run;

NOTE: There were 19 observations read from the data set
      SASHELP.CLASS.
NOTE: The data set WORK.STUDENTS has 19 observations and 6
      variables.

203
204 proc means data=students;
205    class sex;
206    var ratio;
207 run;

NOTE: There were 19 observations read from the data set
      WORK.STUDENTS.
```

Which statement is true?

A. The PROC MEANS step failed.
B. The DATA step failed.
C. The DATA step and PROC MEANS step executed.
D. The program stopped processing after the DATA step.

correct answer= "C"

Question 3

Which statement is true regarding variable names?

A. Variable names are from 1 to 64 characters in length.
B. Variable names must be in all lower case.
C. Variable names can start with a number.
D. Variable names can end with a number.

correct answer= "D"

Question 4

Which statement is true about the code shown below?

```
data revenue;
   merge sales(in=sold) stock;
   by productID;
   if sold;
run;
```

A. Only columns from sales are in `revenue`.
B. Only rows with information from `sales` are in `revenue`.
C. Only columns from `stock` are in `revenue`.
D. Only rows with information from `stock` are in `revenue`.

correct answer= "B"

Question 5

Which two actions occur during the execution phase? (Choose two.)

A. An observation from the input data set is read into the PDV.
B. The descriptor portion is created.
C. The PDV is initialized.
D. The program is checked for syntax errors.

correct answer= "A, C"

Question 6

Which two statements are true regarding the KEEP and DROP statements? (Choose two.)

A. They can be placed anywhere in the DATA step.
B. They affect all data sets that are being created.
C. They can be used in PROC steps.
D. They control the order of the variables in the output data set.

correct answer= "A,B"

Question 7

What is the value of $x2$ in the NUMS data set?

```
data nums;
   x=7.56;
   x2=int(x);
run;
```

A. 7.5
B. 8
C. 7
D. 7.56

correct answer= "C"

Question 8

Given the program below:

```
data strings;
   str="What day is it?";
   pos=find(str,'day');
run;
```

What numeric value is assigned to the variable `pos` when the program executes? __

Enter your numeric answer in the space above.

correct answer= "6"

Question 9

Given the SAS program shown below:

```
title1 "Last Year's Standings";
title2 "Excludes preseason";
proc print data=football;
run;

title1;
title2 "Includes preseason";
proc print data=football2;
run;
```

What title appears on the second PROC PRINT report?

A. ```
    Last Year's Standings
    Includes preseason
    ```
B.  ```
    Last Year's Standings
    Excludes preseason
    ```
C. "This line is blank."
    ```
    Includes preseason
    ```
D. "This line is blank."
    ```
    Excludes preseason
    ```

correct answer= "C"

Question 10

Which statement is true regarding PROC IMPORT?

A. By default, PROC IMPORT overwrites an existing SAS data set.
B. PROC IMPORT writes SAS data to a CSV file.
C. The DBMS= option identifies the type of data to import.
D. Dates are imported as character values.

correct answer= "C"