

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.

SAS Viya Intermediate Programming

Question 1

Which statement is true about SAS Viya?

- A. It contains the SAS launcher server, which is the primary server for processing big data.
- B. It supports only single-threaded DATA step processing.
- C. It can employ multiple servers to execute programs.
- D. Its primary interface for submitting programs is the SAS Windowing Environment.

Correct answer: C

Question 2

Which PROC CASUTIL step suppresses error messages if the table is not found in-memory?

- A.

```
proc casutil;  
  droptable casdata="class" incaslib="casuser" quiet;  
quit;
```
- B.

```
proc casutil quiet;  
  droptable casdata="class" incaslib="casuser";  
quit;
```
- C.

```
proc casutil;  
  droptable casdata="class" incaslib="casuser" force;  
quit;
```
- D.

```
proc casutil force;  
  droptable casdata="class" incaslib="casuser";  
quit;
```

Correct answer: A

Question 3

Which DATA step function is supported in CAS?

- A. SYMGET
- B. CATX
- C. FILEREF
- D. RANUNI

Correct answer: B

Question 4

The **regnm** format has been created and stored in an CAS format library.

Which program associates the format **regnm** with the **region** column in the **orders** table?

- A.

```
proc casutil;
  load data=work.orders casout="orders" outcaslib="public";
  format region regnm.;
quit;
```
- B.

```
proc casutil;
  load data=work.orders casout="orders" outcaslib="public"
  format=yes;
  format region regnm.;
quit;
```
- C.

```
proc casutil;
  format region regnm.;
  load data=work.orders casout="orders" outcaslib="public"
  format=yes;
quit;
```
- D.

```
proc casutil;
  format region regnm.;
  load data=work.orders casout="orders" outcaslib="public";
quit;
```

Correct answer: D

Question 5

Given a CAS table **employees** :

In the space below, write a CASL statement to create a variable named **emp** that holds a dictionary to be used in the following CAS action to indicate the table name. Include only a reference to the table name.

<enter statement here>

```
simple.summary /
  table=emp;
```

Correct answer: `emp.name = "employees";` or `emp["name"] = "employees";`

Note: The certification exam accommodates the subtle syntax variations allowed by SAS, such as allowing for single quotes or double quotes in some circumstances. Also, spacing rules on the certification exam match SAS syntax rules, so both `var="constant";` and `var = 'constant' ;` would be seen as equivalent answers.

Question 6

Which action from the table action set lists the files in a caslib's data source?

- A. tableInfo
- B. caslibInfo
- C. tableDetails
- D. fileInfo

Correct answer: D

Question 7

Which CASL program will fetch all 428 rows from the cars table?

- A.

```
proc cas;
  table.fetch /
    table={name="cars", caslib="casuser"},
    from=1,
    to=1000;
quit;
```
- B.

```
proc cas;
  table.fetch /
    table={name="cars", caslib="casuser"},
    from=1,
    to=_all_;
quit;
```
- C.

```
proc cas;
  table.fetch /
    table={name="cars", caslib="casuser"},
    from=1,
    to=_maxrows_;
quit;
```
- D.

```
proc cas;
  table.fetch /
    table={name="cars", caslib="casuser"},
    from=1;
quit;
```

Correct answer: A

Question 8

Which table.update parameter specifies the column to update?

- A. Assign
- B. Update
- C. Set
- D. ComputedVars

Correct Answer: C

Question 9

The dataPreprocess.impute action performs data matrix (variable) imputation.

Which imputation methods can be used?

- A. MIDRANGE, MODE, RANDOM, VALUE
- B. MIDRANGE, MODE, RANDOM, CUSTOM
- C. MODE, RANDOM, VALUE, CUSTOM
- D. MIDRANGE, RANDOM, VALUE, CUSTOM

Correct answer: A

Question 10

Given the following SAS program?

```
caslib _all_ assign;  
proc sgplot data=casuser.cars;  
    vbar Make;  
run;
```

What will the program do?

- A. Produce an error because the SGPLOT procedure cannot access the CAS table.
- B. Execute the SGPLOT procedure on the CAS server.
- C. Transfer the data to the Compute Server and then execute the SGPLOT procedure.
- D. Summarize the results in CAS and process the summarized results on the Compute Server.

Correct answer: C