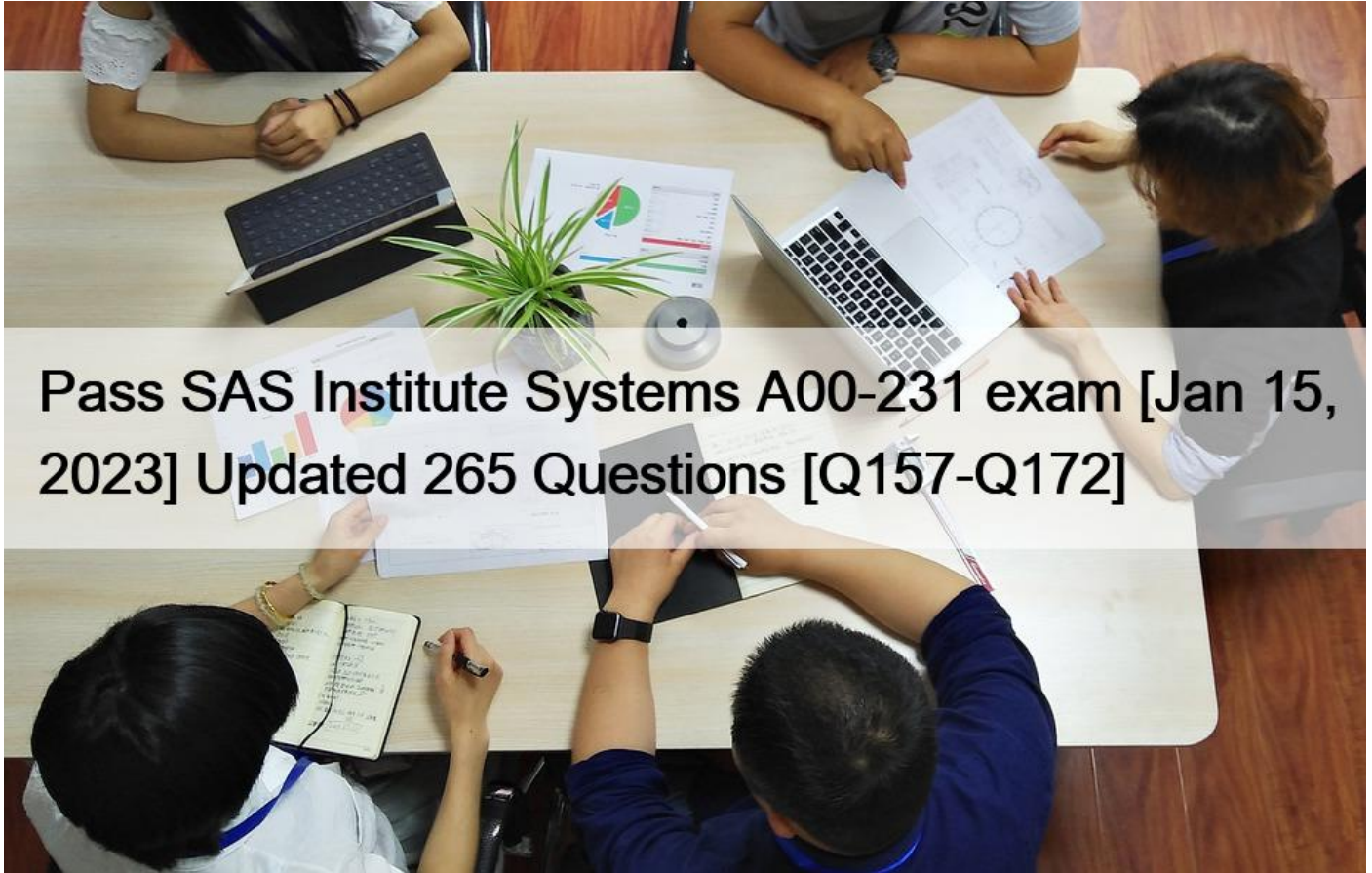# Pass SAS Institute Systems A00-231 exam [Jan 15, 2023 Updated 265 Questions [Q157-Q172

Pass SAS Institute Systems A00-231 exam [Jan 15, 2023] Updated 265 Questions
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Q157. Given the SAS data set WORK.PRODUCTS:

```
ProdId    Price    ProductType    Sales    Returns
------    -----    -----------    -----    -------
K12S      95.50    OUTDOOR           15          2
B132S      2.99    CLOTHING         300         10
R18KV2    51.99    EQUIPMENT         25          5
3KL8BY     6.39    OUTDOOR          125         15
DY65DW     5.60    OUTDOOR           45          5
DGTY23    34.55    EQUIPMENT         67          2
```

The following SAS program is submitted:

```
data WORK.OUTDOOR WORK.CLOTH WORK.EQUIP;
    set WORK.PRODUCTS;
    if Sales GT 30;
    if ProductType='OUTDOOR' then output WORK.OUTDOOR;
    else if ProductType='CLOTHING' then output WORK.CLOTH;
    else if ProductType='EQUIPMENT' then output WORK.EQUIP;
run;
```

How many observations does the WORK.OUTDOOR data set contain?
* 1
* 2
* 3
* 6

Q158. Given the SAS data set WORK.ONE:

```
Obs    Revenue2008    Revenue2009    Revenue2010
---    -----------    -----------    -----------
1              1.2            10m            2.0
```

The following SAS program is submitted:

```
data WORK.TWO;
    set WORK.ONE;
    Total=mean(of Rev:);
run;
```

What value will SAS assign to Total?
* 3
* 1.6
* 4.8
* The program fails to execute due to errors.

Q159. The following SAS program is submitted:

data work.sets;

do until (prod gt 6);

prod + 1;

end;

run;

What is the value of the variable PROD in the output data set?
* 6
* 7
* 8
* (missing numeric)

Q160. The following SAS program is submitted:

options pageno = 1;

proc print data = sasuser.houses;

run;

proc means data = sasuser.shoes;

run;

The report created by the PRINT procedure step generates 5 pages of output.

What is the page number on the first page of the report generated by the MEANS procedure step?
* 1
* 2
* 5
* 6

Q161. The following SAS program is submitted:

data work.totalsales;

set work.monthlysales(keep = year product sales);

retain monthsales {12} ;

array monthsales {12} ;

do i = 1 to 12;

monthsales{i} = sales;

end;

cnt + 1;

monthsales{cnt} = sales;

run;

The data set named WORK.MONTHLYSALES has one observation per month for each of five years for a total of 60 observations.

Which one of the following is the result of the above program?
* The program fails execution due to data errors.
* The program fails execution due to syntax errors.
* The program runs with warnings and creates the WORK.TOTALSALES data set with 60 observations.
* The program runs without errors or warnings and creates the WORK.TOTALSALES data set with 60 observations

Q162. Given the SAS data set ONE:

ONE

ObsDte

————-

109JAN2005

212JAN2005

The following SAS program is submitted:

data two;

set one;

day = <insert expression here>;

format dte date9.;

run;

The data set TWO is created:

TWO

ObsDteDay

109JAN20051

12JAN20054

Which expression successfully completed the program and created the variable DAY?
* day(dte)
* weekday(dte)
* dayofweek(dte)
* datdif(dte,'01jan2005'd,'act/act')

Q163. Which of the following choices is an unacceptable ODS destination for producing output that can be viewed in Microsoft Excel?
* MSOFFICE2K
* EXCELXP

* CSVALL
* WINXP

Q164. The contents of the raw data file CALENDAR are listed below:

————–10————-20————-30

01012000

The following SAS program is submitted:

data test;

infile 'calendar';

input @1 date mmddyy10.;

if date = '01012000'd then event = 'January 1st';

run;

Which one of the following is the value of the EVENT variable?
* 01012000
* January 1st
* . (missing numeric value)
* The value can not be determined as the program fails to execute due to errors

Q165. The following SAS program is submitted:

```
data WORK.TEST;
    drop City;
    infile datalines;
    input
        @1 Name $14. /
        @1 Address $14. /
        @1 City $12. ;
    if City="New York" then input @1 State $2.;
    else input ;
datalines;
Joe Conley
123 Main St.
Janesville
VI
Jane Ngyuen
555 Alpha Ave.
New York
NY
Jennifer Jason
666 Mt. Diablo
Eureka
CA
;
```

What will the data set WORK.TEST contain?

A.

Name	Address	State
Joe Conley	123 Main St.	
Jane Ngyuen	555 Alpha Ave.	NY
Jennifer Jason	666 Mt. Diablo	

B.

Name	Address	City	State
Joe Conley	123 Main St.	Janesville	
Jane Ngyuen	555 Alpha Ave.	New York	NY
Jennifer Jason	666 Mt. Diablo	Eureka	

C.

Name	Address	State
Jane Ngyuen	555 Alpha Ave.	NY

D. There is a syntax error in the data step.

* Option A
* Option B
* Option C
* Option D

Q166. The following SAS program is submitted:

data work.test;

set work.staff (keep = jansales febsales marsales);

array diff_sales{3} difsales1 – difsales3;

array monthly{3} jansales febsales marsales;

run;

What new variables are created?
* JANSALES, FEBSALES and MARSALES
* MONTHLY1, MONTHLY2 and MONTHLY3
* DIFSALES1, DIFSALES2 and DIFSALES3
* DIFF_SALES1, DIFF_SALES2 and DIFF_SALES3

Q167. The following SAS program is submitted:

proc sort data = sasuser.houses out = houses;

by style;

run;

proc print data = houses;

run;

Click on the Exhibit button to view the report produced.

style bedrooms baths price

CONDO 2 1.5 80050

3 2.5 79350

4 2.5 127150

2 2.0 110700

RANCH 2 1.0 64000

3 3.0 86650

3 1.0 89100

1 1.0 34550

SPLIT 1 1.0 65850

4 3.0 94450

3 1.5 73650

TWOSTORY 4 3.0 107250

2 1.0 55850

2 1.0 69250

4 2.5 102950

Which of the following SAS statement(s) create(s) the report?
* id style;
* id style;var style bedrooms baths price;
* id style;by style;var bedrooms baths price;
* id style;by style;var style bedrooms baths price;

Q168. Which one of the following SAS DATA steps saves the temporary data set named MYDATA as a permanent data set?
* libname sasdata ‘SAS-data-library’;data sasdata.mydata;copy mydata;run;
* libname sasdata ‘SAS-data-library’;data sasdata.mydata;keep mydata;run;
* libname sasdata ‘SAS-data-library’;data sasdata.mydata;save mydata;run;
* libname sasdata ‘SAS-data-library’;data sasdata.mydata;set mydata;run;

Q169. The following SAS program is submitted:

data work.passengers;

if OrigPassengers = . then’

OrigPassengers = 100;

TransPassengers = 100;

OrigPassengers = .;

TotalPassengers = sum (OrigPassengers, TransPassengers) +0;

run;

What is the value of the TOTALPASSENGERS variable in the output data set?
* 0
* 100
* 200
* (missing numeric value)

Q170. Consider the following data step:

```
data WORK.TEST;
    set SASHELP.CLASS(obs=5);
    retain City 'Beverly Hills';
    State='California';
run;
```

The computed variables City and State have their values assigned using two different methods, a RETAIN statement and an Assignment statement.

Which statement regarding this program is true?
* The RETAIN statement is fine, but the value of City will be truncated to 8 bytes as theLENGTH statement has been omitted.
* Both the RETAIN and assignment statement are being used to initialize new variables and are equally efficient. Method used is a matter of programmer preference.
* The assignment statement is fine, but the value of City will be truncated to 8 bytes as theLENGTH statement has been omitted.
* City’s value will be assigned one time, State’s value 5 times.

Q171. The following SAS program is submitted:

```
data WORK.ACCOUNTING;
    set WORK.DEPARTMENT;
    length EmpId $6;
    CharEmpid=EmpId;
run;
```

Which statement is true about the output data set?
* The type of the variable CharEmpid is numeric.

* The type of the variable CharEmpid is unknown.
* The type of the variable CharEmpid is character.
* The program fails to execute due to errors.

Q172. The following SAS program is submitted:

proc contents data = sashelp.class varnum; quit;

What does the VARNUM option print?
* a list of variable names
* the total number of variables
* a list of the variables in alphabetic order
* a list of the variables in the order they were created

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