



Exam Code: a00-201

Exam Name: sas base programming exam

Vendor: SAS

Version: DEMO

Part: A

1: The following SAS program is submitted:

```
proc means data = sasuser.houses std mean max;  
    var sqfeet; run;
```

Which one of the following is needed to display the standard deviation with only two decimal places?

- A. Add the option MAXDEC = 2 to the MEANS procedure statement.
- B. Add the statement MAXDEC = 7.2; in the MEANS procedure step.
- C. Add the statement FORMAT STD 7.2; in the MEANS procedure step.
- D. Add the option FORMAT = 7.2 option to the MEANS procedure statement.

Correct Answers: A

2: Which one of the following is true when SAS encounters a data error in a DATA step?

- A. The DATA step stops executing at the point of the error, and no SAS data set is created.
- B. A note is written to the SAS log explaining the error, and the DATA step continues to execute.
- C. A note appears in the SAS log that the incorrect data record was saved to a separate SAS file for further examination.
- D. The DATA step stops executing at the point of the error, and the resulting DATA set contains observations up to that point.

Correct Answers: B

3: The following SAS program is submitted:

```
data work.total;  
    set work.salary(keep = department wagerate);  
    by department;  
    if first.department then payroll = 0;  
    payroll + wagerate;  
    if last.department;  
  
run;
```

The SAS data set WORK.SALARY, currently ordered by DEPARTMENT, contains 100 observations for each of 5 departments.

Which one of the following represents how many observations the WORK.TOTAL data set contains?

- A. 5
- B. 20
- C. 100
- D. 500

Correct Answers: A

4: The following SAS program is submitted:

```
data work.retail;  
    cost = '20000';  
    total = .10 * cost;
```

run;

Which one of the following is the value of the variable TOTAL in the output data set?

A.2000

B.'2000'

C.. (missing numeric value)

D.' ' (missing character value)

Correct Answers: A

5: The following SAS program is submitted:

```
libname sasdata 'SAS-data-library';
```

```
data test;
```

```
    set sasdata.chemists;
```

```
    if jobcode = 'chem3'
```

```
        then description = 'Senior Chemist';
```

```
    else description = 'Unknown';
```

```
run;
```

A value for the variable JOBCODE is listed below:

JOBCODE

CHEM3

Which one of the following values does the variable DESCRIPTION contain?

A.chem3

B.Unknown

C.Senior Chemist

D.' ' (missing character value)

Correct Answers: B

6: The following SAS program is submitted:

```
data work.month;
```

```
    date = put('13mar2000'd,ddmmyy10.);
```

```
run;
```

Which one of the following represents the type and length of the variable DATE in the output data set?

A.numeric, 8 bytes

B.numeric, 10 bytes

C.character, 8 bytes

D.character, 10 bytes

Correct Answers: D

7: The SAS data set QTR1_REVENUE is listed below:

<u>destination</u>	<u>revenue</u>
YYZ	53634
FRA	62129
FRA	75962
RDU	76254
YYZ	82174

The following SAS program is submitted:

```
proc sort data = qtr1_revenue;  
    by destination descending revenue;  
run;
```

Which one of the following represents the first observation in the output data set?

<input type="radio"/> A.	<table><thead><tr><th><u>destination</u></th><th><u>revenue</u></th></tr></thead><tbody><tr><td>YYZ</td><td>82174</td></tr></tbody></table>	<u>destination</u>	<u>revenue</u>	YYZ	82174
<u>destination</u>	<u>revenue</u>				
YYZ	82174				
<input type="radio"/> B.	<table><thead><tr><th><u>destination</u></th><th><u>revenue</u></th></tr></thead><tbody><tr><td>YYZ</td><td>53634</td></tr></tbody></table>	<u>destination</u>	<u>revenue</u>	YYZ	53634
<u>destination</u>	<u>revenue</u>				
YYZ	53634				
<input type="radio"/> C.	<table><thead><tr><th><u>destination</u></th><th><u>revenue</u></th></tr></thead><tbody><tr><td>FRA</td><td>62129</td></tr></tbody></table>	<u>destination</u>	<u>revenue</u>	FRA	62129
<u>destination</u>	<u>revenue</u>				
FRA	62129				
<input type="radio"/> D.	<table><thead><tr><th><u>destination</u></th><th><u>revenue</u></th></tr></thead><tbody><tr><td>FRA</td><td>75962</td></tr></tbody></table>	<u>destination</u>	<u>revenue</u>	FRA	75962
<u>destination</u>	<u>revenue</u>				
FRA	75962				

Correct Answers: D

8: The following SAS program is submitted:

```
data work.flights;  
    destination = 'CPH';  
    select(destination);  
        when('LHR') city = 'London';  
        when('CPH') city = 'Copenhagen';  
        otherwise;  
    end;  
run;
```

Which one of the following is the value of the CITY variable?

- A.London
- B.Copenh
- C.Copenhagen
- D.' ' (missing character value)

Correct Answers: B

9: The following SAS program is submitted and reads 100 records from a raw data file:

```
data work.total;  
    infile 'file-specification' end = eof;  
    input name $ salary;  
    totalsal + salary;  
    <insert IF statement here>  
run;
```

Which one of the following IF statements writes the last observation to the output data set?

- A.if end = 0;
- B.if eof = 0;
- C.if end = 1;

D.if eof = 1;

Correct Answers: D

10: The following SAS program is submitted:

```
data work.new;
```

```
    length word $7;
```

```
    amount = 4;
```

```
    if amount = 4 then word = 'FOUR';
```

```
    else if amount = 7 then word = 'SEVEN';
```

```
    else word = 'NONE!!!';
```

```
    amount = 7;
```

```
run;
```

Which one of the following represents the values of the AMOUNT and WORD variables?

<input type="radio"/> A.	<table><tr><td>amount</td><td>word</td></tr><tr><td>7</td><td>FOUR</td></tr></table>	amount	word	7	FOUR
amount	word				
7	FOUR				
<input type="radio"/> B.	<table><tr><td>amount</td><td>word</td></tr><tr><td>7</td><td>SEVEN</td></tr></table>	amount	word	7	SEVEN
amount	word				
7	SEVEN				
<input type="radio"/> C.	<table><tr><td>amount</td><td>word</td></tr><tr><td>4</td><td>FOUR</td></tr></table>	amount	word	4	FOUR
amount	word				
4	FOUR				
<input type="radio"/> D.	<table><tr><td>amount</td><td>word</td></tr><tr><td>4</td><td>' '</td></tr></table> (missing character value)	amount	word	4	' '
amount	word				
4	' '				

Correct Answers: A