



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:

destination	revenue
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.	<u>destination</u>	<u>revenue</u>
		YYZ	82174
<input type="radio"/>	B.	<u>destination</u>	<u>revenue</u>
		YYZ	53634
<input type="radio"/>	C.	<u>destination</u>	<u>revenue</u>
		FRA	62129
<input type="radio"/>	D.	<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;  
    totsal + 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. | <u>amount</u> | word |
| | 7 | FOUR |
| <input type="radio"/> B. | <u>amount</u> | word |
| | 7 | SEVEN |
| <input type="radio"/> C. | <u>amount</u> | word |
| | 4 | FOUR |
| <input type="radio"/> D. | <u>amount</u> | word |
| | 4 | ' ' (missing character value) |

Correct Answers: A