A00-201^Q&As

SAS base programming exam

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QUESTION 1

The SAS data set named COMPANY.PRICES is listed below:

The following SAS program is submitted:

libname company `SAS-data-library\\';

data hware inter soft;

set company.prices (keep = producttype price);

if price le 5.00;

if producttype = `HARDWARE\\' then output HWARE;

else if producttype = `NETWORK\\' then output INTER; else if producttype = `SOFTWARE\\' then output SOFT; run;

How many observations does the HWARE data set contain?

```
COMPANY.PRICES
prod_d      price    producttype    sales    returns
K12S         5.10    NETWORK          15          2
B132S        2.34    HARDWARE        300         10
R18KY2       1.29    SOFTWARE         25          5
3KL8BY       6.37    HARDWARE        125         15
DY65DW       5.60    HARDWARE         45          5
DGTY23       4.55    HARDWARE         67          2
```

A. 0

B. 2

C. 4

D. 6

Correct Answer: B

QUESTION 2

The following SAS program is submitted:

data test;

set sasuser.employees;

if 2 le years_service le 10 then

amount = 1000;

else if years service gt 10 then

amount = 2000;

else

amount = 0;

amount_per_year = years_service / amount;

run;

Which one of the following values does the variable AMOUNT_PER_YEAR contain if an employee has been with the company for one year?

A. 0

B. 1000

C. 2000

D. (missing numeric value)

Correct Answer: C

QUESTION 3

The SAS data set EMPLOYEE_INFO is listed below:

IDNUMBER Expenses 2542 100.00 3612 133.15 2198 234.34 2198 111.12

The following SAS program is submitted:

proc sort data = employee_info; run;

Which one of the following BY statements completes the program and sorts the data sequentially by ascending expense values within each ascending IDNUMBER value?

A. by Expenses IDNumber;

B. by IDNumber Expenses;

C. by ascending (IDNumber Expenses);

D. by ascending IDNumber ascending Expenses;

Correct Answer: B

QUESTION 4

Which one of the following is true of the RETAIN statement in a SAS DATA step program?

A. It can be used to assign an initial value to _N_.

B. It is only valid in conjunction with a SUM function.

C. It has no effect on variables read with the SET, MERGE and UPDATE statements.

D. It adds the value of an expression to an accumulator variable and ignores missing values.

Correct Answer: B

QUESTION 5

A SAS program is submitted and the following SAS log is produced:

2 data gt100;

3 set ia.airplanes

4 if mpg gt 100 then output

22 202

ERROR: File WORK.IF.DATA does not exist.

ERROR: File WORK.MPG.DATA does not exist.

ERROR: File WORK.GT.DATA does not exist.

ERROR: File WORK.THEN.DATA does not exist.

ERROR: File WORK.OUTPUT DATA does not exist.

ERROR 22-322: Syntax error, expecting one of the following: a name, a quoted string, (,;, END, KEY, KEYS, NOBS, OPEN, POINT,_DATA_,_LAST_, NULL_

ERROR 202-322: The option or parameter is not recognized and will be ignored.

5 run;

The IA libref was previously assigned in this SAS session.

Which one of the following corrects the errors in the LOG?

A. Delete the word THEN on the IF statement.

B. Add a semicolon at the end of the SET statement.

C. Place quotes around the value on the IF statement.

D. Add an END statement to conclude the IF statement.

Correct Answer: B