

A00-211^{Q&As}

SAS Base Programming for SAS 9

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QUESTION 1

The following SAS program is submitted:

```
data work.accounting;  
  
set work.dept1 work.dept2;  
  
jobcode = `FA1\`;  
  
length jobcode $ 8;  
  
run;
```

A character variable named JOBCODE is contained in both the WORK.DEPT1 and WORK.DEPT2 SAS data sets. The variable JOBCODE has a length of 5 in the WORK.DEPT1 data set and a length of 7 in the WORK.DEPT2 data set.

What is the length of the variable JOBCODE in the output data set?

- A. 3
- B. 5
- C. 7
- D. 8

Correct Answer: B

QUESTION 2

The following output is created by the FREQUENCY procedure:

The FREQ Procedure

Table of region by product

region	product			
Frequency				
Percent				
Row Pct				
Col Pct	corn	cotton	oranges	Total
EAST	2	1	1	4
	22.22	11.11	11.11	44.44
	50.00	25.00	25.00	
	50.00	33.33	50.00	
SOUTH	2	2	1	5
	22.22	22.22	11.11	55.56
	40.00	40.00	20.00	
	50.00	66.67	50.00	
Total	4	3	2	9
	44.44	33.33	22.22	100.00

Which TABLES option(s) would be used to eliminate the row and column counts and just see the frequencies and percents?

- A. norowcount nocolcount
- B. freq percent
- C. norow nocol D. nocounts

Correct Answer: C

QUESTION 3

What is the purpose of the MISSOVER option on the INFILE statement?

- A. It prevents SAS from loading a new record when the end of the current record is reached.
- B. It enables SAS to scan the input data records until the character string that is specified in the @`character-string`\` expression is found.
- C. It enables SAS to continue to read the next input data record if it does not find values in the current input line for all the variables in the statement.

D. It causes the DATA step to stop processing if an INPUT statement reaches the end of the current record without finding values for all variables in the statement.

Correct Answer: A

QUESTION 4

The contents of two SAS data sets named EMPLOYEE and SALARY are listed below:

EMPLOYEE SALARY

name age name salary

Bruce 30 Bruce 40000

Dan 35 Bruce 35000

Dan 37000

Dan .

The following SAS program is submitted:

```
data work.empsalary;
```

```
merge work.employee (in = inemp)
```

```
work.salary (in = insal);
```

```
by name;
```

```
if inemp and insal;
```

```
run;
```

How many observations will the data set WORK.EMPSALARY contain?

A. 2

B. 4

C. 5

D. 6

Correct Answer: B

QUESTION 5

Read the table

The FREQ Procedure

Table of Region by Product

Region	Product			
Frequency				
Percent				
Row Pct				
Col Pct	Boot	Sandal	Slipper	Total
Africa	8	8	8	24
	12.70	12.70	12.70	38.10
	33.33	33.33	33.33	
	38.10	38.10	38.10	
Asia	2	2	2	6
	3.17	3.17	3.17	9.52
	33.33	33.33	33.33	
	9.52	9.52	9.52	
Canada	5	5	5	15
	7.94	7.94	7.94	23.81
	33.33	33.33	33.33	
	23.81	23.81	23.81	
Pacific	6	6	6	18
	9.52	9.52	9.52	28.57
	33.33	33.33	33.33	
	28.57	28.57	28.57	
Total	21	21	21	63
	33.33	33.33	33.33	100.00

The following SAS program is submitted:

```
proc freq data = sales;
```

```
run;
```

The following output is created by the FREQUENCY procedure:

The FREQ Procedure

Table of region by product

region	product			Total
Frequency	corn	cotton	oranges	
Percent				
Row Pct				
Col Pct				
EAST	2 22.22 50.00 50.00	1 11.11 25.00 33.33	1 11.11 25.00 50.00	4 44.44
SOUTH	2 22.22 40.00 50.00	2 22.22 40.00 66.67	1 11.11 20.00 50.00	5 55.56
Total	4 44.44	3 33.33	2 22.22	9 100.00

Which TABLES statement(s) completed the program and produced the output?

- A. tables region product;
- B. tables region * product;
- C. tables product * region;
- D. tables product; tables region;

Correct Answer: B

QUESTION 6

The following SAS program is submitted:

```
data _null_;
set old (keep = prod sales1 sales2);
file \\file-specification\';
put sales1 sales2;
run;
```

Which one of the following default delimiters separates the fields in the raw data file created?

- A. : (colon)
- B. (space)
- C. , (comma)

D. ; (semicolon)

Correct Answer: B

QUESTION 7

Which ODS statement option terminates output being written to an HTML file?

A. END

B. QUIT

C. STOP

D. CLOSE

Correct Answer: D

QUESTION 8

Given the SAS data set SASDATA TWO:

SASDATA TWO X Y

5 2

3 1

5 6

The following SAS program is submitted:

```
data sasuser.one two sasdata.three;
```

```
set sasdata two;
```

```
if x = 5 then output sasuser.one;
```

```
else output sasdata two;
```

```
run;
```

What is the result?

A. data set SASUSER.ONE has 5 observations data set SASUSER.TWO has 5 observations data set WORK.OTHER has 3 observations

B. data set SASUSER.ONE has 2 observations data set SASUSER.TWO has 2 observations data set WORK.OTHER has 1 observations

C. data set SASUSER.ONE has 2 observations data set SASUSER.TWO has 2 observations data set WORK.OTHER has 5 observations

D. No data sets are output. The DATA step fails execution due to syntax errors.

Correct Answer: D

QUESTION 9

The contents of the raw data file PRODUCT are listed below:

-----10-----20-----30

24613 \$25.31

The following SAS program is submitted:

```
data inventory;  
infile '\\product\';  
input idnum 5. @10 price;  
run;
```

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

- A. 25.31
- B. \$25.31
- C. . (missing numeric value)
- D. No value is stored as the program fails to execute due to errors.

Correct Answer: C

QUESTION 10

The following SAS program is submitted:

```
data work.products;  
Product_Number = 5461;  
Item = '\\1001\';  
Item_Reference = Item\\'Product_Number;  
run;
```

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

- A. 1001/5461
- B. 1001/ 5461

C. . (missing numeric value)

D. The value can not be determined as the program fails to execute due to errors.

Correct Answer: D

QUESTION 11

Given the SAS data set WORK.TEMPS with numeric variables Day and Temp and character variable Month:

Day	Month	Temp
1	May	75
15	May	70
15	June	80
3	June	76
2	July	85
14	July	89

The following SAS program is submitted:

```
proc sort data=WORK.TEMPS; by Day descending Month; run;
```

```
proc print data=WORK.TEMPS; run;
```

Which output is correct?

A.

Obs	Day	Month	Temp
1	1	May	75
2	2	July	85
3	3	June	76
4	14	July	89
5	15	May	70
6	15	June	80

B.

Obs	Day	Month	Temp
1	1	May	75
2	15	May	70
3	3	June	76
4	15	June	80
5	2	July	85
6	14	July	89

C.

Obs	Day	Month	Temp
1	2	July	85
2	14	July	89
3	3	June	76
4	15	June	80
5	1	May	75
6	15	May	70

D.

Obs	Day	Month	Temp
1	15	June	80
2	15	May	70
3	14	July	89
4	3	June	76
5	2	July	85
6	1	May	75

A. B. C. D.

Correct Answer: B

QUESTION 12

Given the following raw data record:

----|----10---|----20---|----30 son Travis, The following output is desired: Obs relation firstname 1 son Travis

Which SAS program correctly reads in the raw data?

- A. data family (dlm = `,\`); infile `tile specification\`; input relation \$ firstname \$; run;
- B. options dlm = `,\`; data family; infile `file specification\`; input relation \$ firstname \$; run;
- C. data family; infile `file specification\` dlm = `,\`; input relation \$ firstname \$; run;
- D. data family; infile `file specification\`; input relation \$ firstname \$ / dim = `,\`; run;

Correct Answer: C

QUESTION 13

Given the AIRPLANES data set

AIRPLANES TYPE MPG

F-18 105 C-130 25 Harrier 75 A-6 110

The following SAS program is submitted:

```
data gt100;  
  
set airplanes(keep = type mpg load);  
  
load = mpg * 150;  
  
run;
```

The program fails to execute due to syntax errors.

What is the cause of the syntax error?

- A. MPG is not a numeric variable.
- B. LOAD is not a variable in the data set GT100.
- C. LOAD is not variable in the data set AIRPLANES.
- D. LOAD must be defined prior to the SET statement.

Correct Answer: C

QUESTION 14

This question will ask you to provide a line of missing code: Given the SAS data set WORK.EMPLOYEE_UNFO:

IDNumber	Expenses
2542	100.00
3612	133.15
2198	234.34
2198	111.12

The following SAS program is submitted:

```
proc sort data = WORK.EMPLOYEE_INFO;  
_____ ;  
run;
```

In the space above, write the statement that will sort the data by ascending Expenses values within each ascending IDNumber value.

A. Check the answer in explanation.

Correct Answer: A

by IDNumber Expenses; IDNumber Expenses 2542 100.00 3612 133.15 2198 234.34 2198 111.12

QUESTION 15

The observations in the SAS data set WORK.TEST are ordered by the values of the variable SALARY.

The following SAS program is submitted:

```
proc sort data = work.test out = work.testsorted;  
by name;  
run;
```

Which one of the following is the result of the SAS program?

- A. The data set WORK.TEST is stored in ascending order by values of the NAME variable.
- B. The data set WORK.TEST is stored in descending order by values of the NAME variable.
- C. The data set WORK.TESTSORTED is stored in ascending order by values of the NAME variable.
- D. The data set WORK.TESTSORTED is stored in descending order by values of the NAME variable.

Correct Answer: C