

# Using SQL in SAS

TOTAL POINTS 10

1. What is the correct order of the following four clauses?

1 point

☐

```
1 select ...  
2 where ...  
3 order by ...  
4 from ...
```

☐

```
1 select ...  
2 from ...  
3 where ...  
4 order by ...
```

☐

```
1 from ...  
2 select ...  
3 where ...  
4 order by ...
```

☐

```
1 order by ...  
2 from ...  
3 select ...  
4 where ...
```

2. Which of the following is false regarding the SQL procedure?

1 point

☐

Formats can be specified in the FROM clause.

- ☐ The procedure ends with a QUIT statement.
- ☐ Column names are separated with commas.
- ☐ The SELECT and FROM clauses are required in the SELECT statement.

3. Which syntax is valid for creating a computed column in the SELECT clause?

1 point

- ☐ Height/Weight = Ratio
- ☐ Height/Weight as Ratio
- ☐ Ratio = Height/Weight
- ☐ Ratio as Height/Weight

4. The SELECT statement creates a report. Which clause can be added before the SELECT clause to create a table?

1 point

- ☐ create table=work.new as
- ☐ create work.new table
- ☐ create table work.new as
- ☐ create work.new =

5. Which SELECT statement produces the given output?

1 point

Name	Height
------	--------

Name	Height
Thomas	57.5
Joyce	51.3

- ☐

```
1 select Name, Height
2   from sashelp.class
3   where age=12
4   order by Height desc;
```
- ☐

```
1 select Name Height
2   from sashelp.class
3   where age=12
4   order by desc Height;
```
- ☐

```
1 select Name, Height
2   from sashelp.class
3   where age=12
4   order by desc Height;
```
- ☐

```
1 select Name Height
2   from sashelp.class
3   where age=12
4   order by Height;
```

6. Which SQL statement can delete tables?

1 point

- ☐ DELETE
- ☐ SELECT
- ☐ VOID

☐ DROP

7. If an inner join is performed on the following tables based on the **ID** and **IDNO** columns, how many rows will be in the PROC SQL report?

1 point

Name	ID
Jack	111
Mary	333
Jane	555

IDNO	Salary
111	75000
222	83000
333	82000

- ☐ one
- ☐ three
- ☐ four
- ☐ two

8. Which statement has the correct syntax for performing an inner join?

1 point

- ☐

```
1 select ID, Name, Salary
2   from one join two
3   where ID=IDNO;
```

- ☐

```
1 select ID, Name, Salary
2   from one inner join two
3   where ID=IDNO;
```
- ☐

```
1 select ID, Name, Salary
2   from one join two
3   on ID=IDNO;
```
- ☐

```
1 select ID, Name, Salary
2   from one inner join two
3   on ID=IDNO;
```

9. Which ON clause has valid qualifying syntax?

1 point

- ☐

```
1 from empsau inner join phonec
2   on empsau.empid=phonec.empid;
3
```
- ☐

```
1 from empsau inner join phonec
2   on e.empid=p.empid;
```
- ☐

```
1 from empsau inner join phonec
2   on first.empid=second.empid;
```
- ☐

```
1 from empsau inner join phonec
2   on left.empid=right.empid;
```

10. Which FROM clause properly creates aliases?

- ☐ from empsau(e) inner join phonec(p)
- ☐ from empsau as e inner join phonec as p
- ☐ from empsau=e inner join phonec=p
- ☐ from empsau of e inner join phonec of p