CS304
Database System Concepts

03/02/2012

Quiz-2

1. Which create table statement is correct?

a) create table($A_1\ D_1, A_2\ D_2, A_3\ D_3$)

b) create table($A_1, D_1, A_2, D_2, A_3, D_3$)

c) create table($A_1\ D_1\ A_2\ D_2\ A_3\ D_3$)

d) create table($A_1\ A_2\ A_3\ D_1\ D_2\ D_3$)

2. If we ***just*** want to delete all tuples in a table, which SQL query shall we choose?

a) delete * from t;

b) delete from t;

c) drop table t;

d) drop * table t;

3.Which statement is NOT correct?

a) SQL allows duplicates in relations as well as in query results

b) The From clause corresponds to the cartesian product operation

c) ‘Intro%’ matches ‘Introduction’

d) 5+null returns 5

4.If we want to check null values, which query shall we use?

a) select * from student where name=null

b) select * from student where name is null

c) select * from student where name <> null

d)select * from student where name < null

5. Consider schema *R*(a,b,c), which query is correct?

a) SELECT a FROM R GROUP BY b,c

b) SELECT a,b FROM R GROUP BY c

c) SELECT avg(a),min(b) FROM R GROUP BY c

d) SELECT a,b FROM R GROUP BY b

6. Consider the query **select sum** (salary) **from** instructor, which statement is ***NOT*** correct?

a) This query totals all salaries

b) Ignores null values amounts

c) Result is *0* if there is no non-null amount

d) The column name for the sum is *sum(salary)*

7.Which equation is wrong?

a) F <comp> **some** $r \Leftrightarrow \exists\ t \in r$ such that (F <comp> t)

b) ($\neq$ some) $\Leftrightarrow$ not in

c) exists r $\Leftrightarrow$ r $\neq \emptyset$

d) ($\neq$ all) $\Leftrightarrow$ not in

8. Which clause does NOT include in join condition?

a) natural

b) with

c) on

d) using

9. If we want to create a view, which query shall we use?

a) **create view** *v* **as** < query expression >

b) **create view** *v* < query expression >

c) **create view** < query expression > **as** v

d) **create view** < query expression > *v*

10.Which statement about view is NOT correct?

a) A view relation *v* is said to be recursive if it depends on itself

b) One view may be used in the expression defining another view

c) View definition is not the same as creating a new relation by evaluating the query expression

d) All view updates are allowed.