

### Question 15 pts

Which of the functions below is an aggregate function?

- ☐ count
- ☐ sum
- ☐ avg
- ☒ All of the above

### Question 25 pts

A foreign key with cascade delete means that if a record in the referenced table is deleted, then the corresponding records in the referencing table will automatically be deleted.

- ☒ True
- ☐ False

### Question 310 pts

What is the command to remove rows from a table 'DOCTOR'?

- ☐ REMOVE FROM DOCTOR ...
- ☐ DROP FROM DOCTOR ...
- ☒ DELETE FROM DOCTOR WHERE ...
- ☐ UPDATE FROM DOCTOR ...

### Question 410 pts

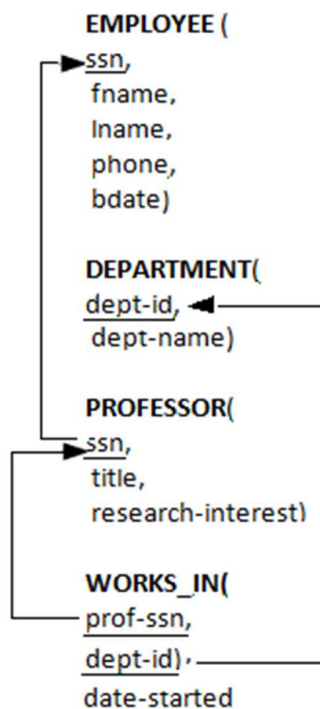
We want to find the average of test scores for each student. Which of the following is correct?

- ☐ SELECT student\_name, AVG(test\_score)  
FROM student  
GROUP BY test\_score;
- ☒ SELECT student\_name, AVG(test\_score)  
FROM student  
GROUP BY student\_name;
- ☐ SELECT student\_name, AVG(test\_score)  
FROM student
- ☐ SELECT student\_name, AVG(name)  
FROM student  
GROUP BY student\_name;

### Question 510 pts

Consider the following relational schema:

We want to write a SQL query that finds the name of all employees who are assistant professors and their first names start with 'k'. Which of the following queries is/are correct?



☐ SELECT fname, lname

FROM EMPLOYEE

WHERE fname LIKE 'k%' AND ssn = ( SELECT ssn

FROM professor

WHERE title = 'assistant');

☒ SELECT fname, lname

FROM EMPLOYEE

WHERE fname LIKE 'k%' AND ssn IN ( SELECT ssn

FROM PROFESSOR

WHERE title = 'assistant');

☒ SELECT fname, lname

FROM EMPLOYEE INNER JOIN PROFESSOR ON EMPLOYEE.ssn = PROFESSOR.ssn  
WHERE fname LIKE "k%" AND title = 'assistant';

### Question 65 pts

We use a HAVING clause to apply conditions to the groups formed by "GROUP BY".

☒ True

☐ False

### Question 710 pts

SELECT ..... first\_name  
FROM EMPLOYEE

Choose one of the following for the blank space above, considering we want to display the unique values of the column.

☐ Unique

☐ All

☒ Distinct

☐ None of the above

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### Question 810 pts

Which of the following queries contains an error?

☐ SELECT \* FROM EMPLOYEE WHERE first\_name='David';

☐ SELECT first\_name FROM EMPLOYEE;

☒ SELECT first\_name WHERE first\_name='David' and last\_name='Smith';

☐ None of the above

### Question 95 pts

LEFT JOIN gets all records from the LEFT table but if you have selected some columns from the RIGHT table, if no matches are found, these columns will contain NULL

☒ True

☐ False

### Question 10 10 pts

Get the correct answer to the query located [here \(Links to an external site.\)Links to an external site.](#) and enter the code word found at the bottom of the success window. <http://classes.engr.oregonstate.edu/eecs/winter2013/cs275-400/tester/one.php?question=3>

### Question 11

10 / 10 pts

Get the correct answer to the query located [here \(Links to an external site.\)Links to an external site.](#) and enter the code word found at the bottom of the success window. <http://classes.engr.oregonstate.edu/eecs/winter2013/cs275-400/tester/one.php?question=4>

### Question 12

10 / 10 pts

Get the correct answer to the query located [here \(Links to an external site.\)Links to an external site.](#) and enter the code word found at the bottom of the success window. <http://classes.engr.oregonstate.edu/eecs/winter2013/cs275-400/tester/one.php?question=5>