**MSDS 7330 File Organization and Database Management**

**Quiz Answer Sheet**

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1. B

2. D

3. A

4. C

* SELECT deptName, AVG (salary)
* FROM instructor
* GROUP BY deptName;

This query allows us to project department name and the aggregate function average on salary. In order to appropriately represent each department, we must include the attribute deptName in the GROUP BY clause.

5. C

6. D

7. B

8. A

The BETWEEN operator is used to find a range between two values, inclusive of those values. Instead of using comparison operators, we use BETWEEN to simplify our statement:

* SELECT name
* FROM instructor
* WHERE salary <= 100000 and salary >= 90000;

To:

* SELECT name
* FROM instructor
* WHERE salary BETWEEN 90000 AND 100000;

9. B

10. C, D

11. D

12. A

13. A

14. B

15. B

16. C

17. A