Quiz 4 Advanced SQL

Due Feb 2 at 2:59am   **Points** 100   **Questions** 7

Available Jan 24 at 3am - Feb 4 at 2:59am 11 days   **Time Limit** None

Allowed Attempts Unlimited

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Attempt History

	Attempt	**Time**	**Score**
KEPT	**Attempt 2**	181 minutes	20 out of 100
LATEST	**Attempt 2**	181 minutes	20 out of 100
	Attempt 1	4,631 minutes	0 out of 100

Score for this attempt: **20** out of 100
Submitted Feb 1 at 6:32pm
This attempt took 181 minutes.

Question 1	10 / 10 pts

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

Correct!

- ⦿ True

- ○ False

Question 2

0 / 15 pts

Which of the following queries contains an error?

ou Answered

◉ SELECT * FROM EMPLOYEE WHERE first_name <> 'David';

○ SELECT first_name FROM EMPLOYEE;

orrect Answer

○

SELECT first_name WHERE first_name='David' and last_name='Smith';

○ None of these

Question 3

0 / 15 pts

In the query,

`SELECT _____ first_name`

`FROM EMPLOYEE`

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

orrect Answer

○ Distinct

○ Unique

ou Answered

◉ All

○ Group By

Question 4   10 / 10 pts

The purpose of a HAVING clause in a query is to apply conditions to the groups formed by "GROUP BY".

Correct!

◉ True

○ False

Question 5   0 / 15 pts

Which of the functions below is not an aggregate function ?

○ count

○ avg

ou Answered

◉ sum

orrect Answer

○ mean

Question 6   0 / 15 pts

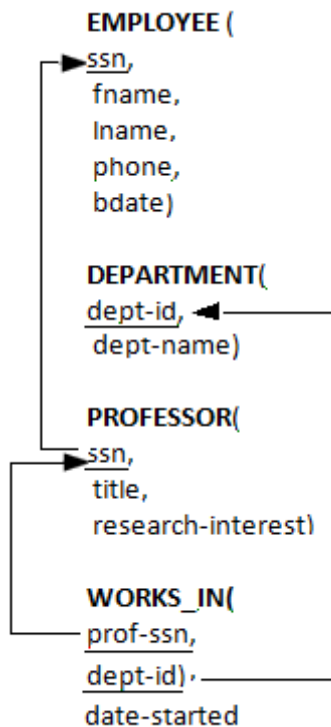Which of the following SQL statements is used to specify the connection of primary and foreign keys?

orrect Answer

○ JOIN

○ FROM

○ DISTINCT

○ HAVING

ou Answered   ◉ WHERE

Question 7	0 / 20 pts

Considering the schema at

EMPLOYEE (
►ssn,
  fname,
  lname,
  phone,
  bdate)

DEPARTMENT(
  dept-id, ◄—
  dept-name)

PROFESSOR(
►ssn,
  title,
  research-interest)

WORKS_IN(
  prof-ssn,
  dept-id),
  date-started

Which of the following finds the first name and last name of all employees who are professors with the title as 'assistant professor' and first names starting with the letter W.

Correct!

☑

SELECT fname, lname FROM EMPLOYEE WHERE fname LIKE 'W%'
AND ssn IN (SELECT ssn FROM PROFESSOR WHERE title = 'assistant
professor');

orrect Answer

☐

SELECT fname, lname FROM EMPLOYEE INNER JOIN PROFESSOR
ON EMPLOYEE.ssn = PROFESSOR.ssn WHERE fname LIKE "W%" AND
title = 'assistant professor';

ou Answered

☑

SELECT fname, lname FROM EMPLOYEE WHERE fname LIKE 'W%'
AND ssn = (SELECT ssn FROM PROFESSOR WHERE title = 'assistant
professor');

☐

SELECT fname, lname FROM EMPLOYEE WHERE fname LIKE 'W%'
AND ssn = (SELECT ssn FROM EMPLOYEE WHERE title = 'assistant
professor');

Quiz Score: **20** out of 100