Quiz review

Started on	Sunday, 12 March 2023, 1:52 AM
State	Finished
Completed on	Sunday, 12 March 2023, 2:01 AM
Time taken	8 mins 37 secs
Marks	9/10
Grade	**90** out of 100

Question 1

Correct

Mark 1 out of 1

595

SELECT lot_no "Lot Number", COUNT(*) "Number of Cars Available" FROM cars WHERE model = 'Fire' GROUP BY lot_no HAVING COUNT(*) > 10 ORDER BY COUNT(*);

In the above statement which clause restricts which groups are displayed?

- WHERE model = 'Fire'
- GROUP BY lot_no
- ORDER BY COUNT(*)
- SELECT lot_no "Lot Number", COUNT(*) "Number of Cars Available"
- HAVING COUNT(*) > 10 ✔

595

Question 2

Correct

Mark 1 out of 1

With multiple tables to be accessed, the best method of the following for performance is?

Select one:

- Subquery across multiple levels
- Sub Query
- Correlated Sub Query
- JOIN ✔

595

Question 3

Incorrect

Mark 0 out of 1

A table with no Join condition specified yeilds a Cartesian product.

Select one:

- True
- False ✖

estion 4

Correct

Mark 1 out of 1

Consider the given structure and write a query to display all details of suppliers that belong to same city as supplier “Double Delight”. Assume that the “Double Delight” is available in multiple cities.

Supplier(SupplierId , SupplierName , ContactPerson, Address, City, PostalCode, Country)

- Select * from supplier where city > (Select distinct city from supplier where suppliername=’Double Delight’);
- Select * from supplier where city in (Select distinct city from supplier where suppliername='Double Delight');✔
- Select * from supplier where city in (Select supplierid from supplier where suppliername=’Double Delight’);
- Select * from supplier where city in (Select supplierid, city from supplier where suppliername=’Double Delight’);

595

Question 5

Correct

Mark 1 out of 1

In a Join if the Join condition is not given, the possible number of rows returned by a table with X rows and another table with Y rows is?

Select one:

- X/Y
- X+Y
- X * Y✔
- X*Y+1

595

Question 6

Correct

Mark 1 out of 1

Which join is used to return only the matching rows of a join based on a condition?

Select one:

- LEFT JOIN
- RIGHT JOIN
- INNER JOIN✔
- FULL JOIN

595

estion 7

Correct

Mark 1 out of 1

Consider the given structure and write a query to display department ID,department Name, count of employees as Employee_count of each department.

Employee (empid, empname, deptid, design, city, country)

Department (deptid, dname, location)

- Select d.deptid, d.dname, count(*) 'Employee Count' from Employee e, department d group by e.deptid;
- Select d.deptid, d.dname, count(*) 'Employee Count' from Employee e, department d where e.deptid = d.deptid ;
- Select d.deptid, d.dname, count(*) 'Employee_Count' from Employee e, department d where e.deptid = d.deptid group by d.deptid,dname; ✔
- Select * from employee e, department d where e.deptid = d.deptid group by e.deptid;

595

Question 8

Correct

Mark 1 out of 1

How many join conditions can exist for N tables?

Select one:

- N+1
- N-1 ✔
- N
- N*N

595

Question 9

Correct

Mark 1 out of 1

To display employee LastNames with their department names.

Choose the right answer from the following options:

595

- SELECT e.last_name, d.department_name FROM employees e, departments d WHERE manager_id =manager_id;
- SELECT employees.last_name, departments.department_name, FROM employees , departments WHERE e.department_id =d.department_id;
- SELECT last_name, department_name FROM employees, departments ;
- SELECT e.last_name, d.department_name FROM employees e, departments d WHERE e.department_id =d.department_id; ✔

estion 10

Correct

Mark 1 out of 1

To display the names of employees who earns more than the average salary of all employees.

SELECT last_name, first_name FROM employee WHEREsalary > AVG(salary);

Which change should you make to achieve the desired results?

- Change the function in the WHERE clause.
- Move the function to the SELECT clause and add a Group by clause.
- Move the function to the SELECT clause and add a Group by clause and a HAVING clause.
- Use a Sub query in the WHERE clause to compare the average salary value. ✔

595

◄ Display Ride Code

Jump to...

Pre-Quiz ►

595

595