



CS403P

LAB QUIZ

FINAL TERM

FALL 2024

BY

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CONTACT

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**CS403P - Database Management Systems (Practical) (Graded Quiz No. 04)****Question # 10 of 10 ( Start time: 11:19:11 PM, 10 January 2025 )**

What does COUNT() function return?

**Select the correct option**

<input type="radio"/>	Largest value
<input type="radio"/>	Average value
<input type="radio"/>	Smallest value
<input checked="" type="radio"/>	Number of rows

**Question # 9 of 10 ( Start time: 11:18:36 PM, 10 January 2025 )**

What will be the output of the following SQL statement?

```
SELECT * FROM student;
```

**Select the correct option**

<input checked="" type="radio"/>	Display all rows and columns of student table
<input type="radio"/>	Display name of all column of student table
<input type="radio"/>	Display all columns of student table
<input type="radio"/>	Display all rows of the student table

**CS403P - Database Management Systems (Practical) (Graded Quiz No. 04)**

**Question # 8 of 10 ( Start time: 11:18:09 PM, 10 January 2025 )**

Which of the following statement is true about the distinct keyword?

**Select the correct option**

<input type="radio"/>	Used with DDL commands
<input type="radio"/>	Remove duplicate key values
<input checked="" type="radio"/>	Remove duplicate values
<input type="radio"/>	Remove duplicate columns

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**CS403P - Database Management Systems (Practical) (Graded Quiz No. 04)****Question # 7 of 10 ( Start time: 11:17:41 PM, 10 January 2025 )**

Wild card character is used with\_\_\_\_\_ operator.

**Select the correct option**

<input type="radio"/>	NOT NULL
<input checked="" type="radio"/>	Like
<input type="radio"/>	Binary
<input type="radio"/>	NULL

**Question # 6 of 10 ( Start time: 11:17:01 PM, 10 January 2025 )**

Consider the following Employees table and SQL command.

emp_id	salary	dept_id
1001	62000	500
1002	57500	500
1003	71000	501
1004	42000	501

```
SELECT COUNT(DISTINCT dept_id) AS total  
FROM employees  
WHERE salary > 50000;
```

What will be the output of above command?

**Select the correct option**

<input type="radio"/>	Total 3
<input type="radio"/>	Total 1
<input checked="" type="radio"/>	Total 2
<input type="radio"/>	Total 4

**CS403P - Database Management Systems (Practical) (Graded Quiz No. 04)****Question # 5 of 10 ( Start time: 11:16:24 PM, 10 January 2025 )**

\_\_\_\_\_ value is returned by the SQL Aggregate function.

**Select the correct option**

<input type="radio"/>	NULL
<input type="radio"/>	Infinite
<input checked="" type="radio"/>	Single
<input type="radio"/>	Twice

**CS403P - Database Management Systems (Practical) (Graded Quiz No. 04)****Question # 4 of 10 ( Start time: 11:15:47 PM, 10 January 2025 )**

Which of the following command is used to insert data into tables?

**Select the correct option**

<input type="radio"/>	DDL
<input type="radio"/>	DQL
<input checked="" type="radio"/>	DML
<input type="radio"/>	DDL

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CS403P - Database Management Systems (Practical) (Graded Quiz No. 04)

Quiz Start

Question # 3 of 10 ( Start time: 11:15:17 PM, 10 January 2025 )

Which of the following wildcard placeholder, allows matching any string of any length including zero length?

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | # |
| <input checked="" type="radio"/> | % |
| <input type="radio"/>            | @ |
| <input type="radio"/>            | - |

Click to Save Ans

Question # 2 of 10 ( Start time: 11:14:27 PM, 10 January 2025 )

Total Marks: 1

The \_\_\_\_\_ clause is used in combination with the GROUP BY clause. It can be used in a SELECT statement to filter the records that a GROUP BY returns.

Select the correct option

 Reload Math Equations

<input type="radio"/>	LIKE
<input type="radio"/>	JOIN
<input checked="" type="radio"/>	HAVING
<input type="radio"/>	ORDER BY

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Click to Save Answer & Move to Next Question

**CS403P - Database Management Systems (Practical) (Graded Quiz No. 04)**

**Question # 1 of 10 ( Start time: 11:13:51 PM, 10 January 2025 )**

Which of the following is NOT related to the basic SELECT statement?

**Select the correct option**

<input type="radio"/>	WHERE
<input type="radio"/>	SELECT
<input checked="" type="radio"/>	NOT NULL
<input type="radio"/>	FROM

**CS403P - Database Management Systems (Practical) (Graded Quiz No. 03)****Question # 10 of 10 ( Start time: 11:41:46 PM, 06 January 2025 )**If the relation is not in 2<sup>nd</sup> Normal Form, then we need to remove\_\_\_\_\_**Select the correct option**

<input type="radio"/>	Transitive dependency
<input type="radio"/>	Reflexive dependency
<input checked="" type="radio"/>	Partial dependency
<input type="radio"/>	Full functional dependency



## CS403P - Database Management Systems (Practical) (Gr No. 03)

Question # 9 of 10 ( **Start time: 11:41:07 PM, 06 January 2021**)

Which of the following are unary operators?

**Select the correct option**

<input type="radio"/>	UNION and PROJECT
<input type="radio"/>	SELECT and CARTESIAN
<input checked="" type="radio"/>	SELECT and PROJECT
<input type="radio"/>	PROJECT and CARTESIAN



**:S403P - Database Management Systems (Practical) (Graded Quiz  
No. 03)**

**Question # 8 of 10 ( Start time: 11:40:28 PM, 06 January 2025 )**

Which of the following operator is used to select the certain columns from a table?

**Select the correct option**

<input checked="" type="radio"/>	Project operator
<input type="radio"/>	Cartesian operator
<input type="radio"/>	Select operator
<input type="radio"/>	Conjugate operator

Question # 7 of 10 ( Start time: 11:39:10 PM, 06 January 2025 )

If relation M has C tuples and relation N has D tuples, then their Cartesian product will have \_\_\_\_\_ tuples.

Select the correct option

<input type="radio"/>	CUD
<input type="radio"/>	C^D
<input checked="" type="radio"/>	C*D
<input type="radio"/>	CnD

Click to Save Answer &

Question # 6 of 10 ( Start time: 11:37:59 PM, 06 January 2025 )

Total Marks: 1

\_\_\_\_\_ is a step by step process to reduce data redundancy and improve data integrity to build a more efficient and accurate database design.

Select the correct option

 Reload Math Equations



Normalization



Integration



Classification



Modeling

Click to Save Answer & Move to Next Question



**CS403P - Database Management Systems (Practical) (Graded Quiz No. 03)**

**Question # 5 of 10 ( Start time: 11:37:27 PM, 06 January 2025 )**

The only time we are concerned about 2<sup>nd</sup> Normal Form is when \_\_\_\_\_.

**Select the correct option**

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | Primary key consists of single attribute |
| <input type="radio"/>            | Primary key contains non-unique values   |
| <input checked="" type="radio"/> | Primary key is composite                 |
| <input type="radio"/>            | Primary key contains redundant values    |



## CS403P - Database Management Systems (Practice No. 03)

Question # 4 of 10 ( Start time: 11:36:52 PM, 06 January 2023)

A table is in the 2<sup>nd</sup> Normal Form if there is no\_\_\_\_\_

Select the correct option

<input type="radio"/>	Transitive dependency
<input type="radio"/>	Functional dependency
<input checked="" type="radio"/>	Partial dependency
<input type="radio"/>	Reflexive dependency

**CS403P - Database Management Systems (Practical) (Gradea Quiz No. 03)****Question # 3 of 10 ( Start time: 11:36:13 PM, 06 January 2025 )**

2<sup>nd</sup> Normal Form is based on which of the following dependency?

**Select the correct option**

<input type="radio"/>	Reflexive dependency
<input type="radio"/>	Full functional dependency
<input type="radio"/>	Transitive dependency
<input checked="" type="radio"/>	Partial dependency

Question # 2 of 10 ( Start time: 11:35:31 PM, 06 January 2025 )

Total Marks: 1

In functional dependency, if one attribute is determinant of all other attributes of the relation then the relation has at least \_\_\_\_\_.

Select the correct option

 Reload Math Equations



Secondary key



Relational key



Super key



Random key

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Click to Save Answer & Move to Next Question

**Question # 1 of 10 ( Start time: 11:34:40 PM, 06 January 2025 )**

The anomalies caused by transitive dependency in a relation are removed by \_\_\_\_\_

**Select the correct option**

- |                                  |                            |
|----------------------------------|----------------------------|
| <input type="radio"/>            | Changing primary key       |
| <input type="radio"/>            | Reducing number of rows    |
| <input checked="" type="radio"/> | Breaking down the relation |
| <input type="radio"/>            | Reducing number of columns |

CS403P - Database Management Systems (Practical) (Attendance Quiz # 11)

Question # 4 of 5 ( Start time: 09:48:04 PM, 31 December 2024 )

\_\_\_\_\_ is not a DML command.

Select the correct option

<input type="radio"/>	UPDATE	BUTTERCUP 0324-9427076
<input type="radio"/>	SELECT	
<input type="radio"/>	INSERT	
<input checked="" type="radio"/>	CREATE	

Question # 3 of 5 ( Start time: 09:46:57 PM, 31 December 2024 )

\_\_\_\_\_ is a DML command.

Select the correct option

<input type="radio"/>	ALTER
<input type="radio"/>	CREATE
<input type="radio"/>	DROP
<input checked="" type="radio"/>	SELECT


Click

Question # 2 of 5 ( Start time: 09:46:28 PM, 31 December 2024 )

Total Marks

Which of the following wildcard placeholder, allows matching any string of any length including zero length?

Select the correct option

 Reload Math Equations

<input type="radio"/>	#
<input type="radio"/>	@
<input checked="" type="radio"/>	%
<input type="radio"/>	-

Click to Save Answer & Move to Next Question

Question # 1 of 5 ( Start time: 09:45:42 PM, 31 December 2024 )

What will be the output of the following SQL statement?

```
SELECT * FROM student;
```

Select the correct option

- |                                  |   |
|----------------------------------|---|
| <input type="radio"/>            | Display name of all column of student table   |
| <input type="radio"/>            | Display all rows of the student table         |
| <input checked="" type="radio"/> | Display all rows and columns of student table |
| <input type="radio"/>            | Display all columns of student table          |

Click to Save

CS403P - Database Management Systems (Practical) (Attendance Quiz # 10)

Question # 4 of 5 ( Start time: 09:11:46 PM, 26 December 2024 )

INSERT INTO statement is used to enter values into\_\_\_\_\_.

Select the correct option

- Key value columns only
- Only particular column
- All columns
- Not null columns only

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Question # 5 of 5 ( Start time: 09:12:38 PM, 26 December 2024 )

Tot

Which of the following commands is used to create a database table and its structure?

Select the correct option

[Reload Math E](#)

- |                                  |     |
|----------------------------------|-----|
| <input checked="" type="radio"/> | DCL |
| <input type="radio"/>            | DML |
| <input type="radio"/>            | DQL |
| <input type="radio"/>            | DCI |

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[Click to Save Answer & Move to Next Q](#)

CS403P - Database Management Systems (Practical) (Attendance Quiz # 10)

Question # 2 of 5 ( **Start time: 09:10:39 PM, 26 December 2024** )

Which of the following is NOT related to CREATE TABLE command?

Select the correct option

- |                                  |             |
|----------------------------------|-------------|
| <input checked="" type="radio"/> | Records     |
| <input type="radio"/>            | Attributes  |
| <input type="radio"/>            | Constraints |
| <input type="radio"/>            | Data types  |

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CS403P – Database Management Systems (Practical) (Attendance Quiz # 10)

Question # 1 of 5 ( Start time: 09:10:02 PM, 26 December 2024 )

Which of the following is NOT a type of integer data type in SQL?

Select the correct option

<input type="radio"/>	Int
<input type="radio"/>	Smallint
<input type="radio"/>	Smalint
<input checked="" type="radio"/>	Smallerint

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CS403P - Database Management Systems (Practical) (Attendance Quiz # 10)

Question # 3 of 5 ( Start time: 09:11:17 PM, 26 December 2024 )

\_\_\_\_\_ in SQL table is used to uniquely identify individual rows of a given table.

Select the correct option

- |                                  |                      |
|----------------------------------|----------------------|
| <input type="radio"/>            | NOT NULL constraints |
| <input checked="" type="radio"/> | Primary key column   |
| <input type="radio"/>            | Foreign key column   |
| <input type="radio"/>            | Secondary key column |

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Question # 1 of 5 ( Start time: 07:10:53 PM, 20 December 2024 )

Total Marks:

If a relation is not in third normal form, then anomalies are due to \_\_\_\_\_.

Select the correct option

[Reload Math Equations](#)

- |                                  |                            |
|----------------------------------|----------------------------|
| <input checked="" type="radio"/> | Transitive dependency      |
| <input type="radio"/>            | Partial dependency         |
| <input type="radio"/>            | Reflexive dependency       |
| <input type="radio"/>            | Full functional dependency |

[Click to Save Answer & Move to Next Question](#)

Question # 5 of 5 ( Start time: 07:13:55 PM, 20 December 2024 )

Total Marks: 1

A relation is in third normal form if \_\_\_\_\_.

Select the correct option

 Reload Math Equations

- |                                  |                                     |
|----------------------------------|-------------------------------------|
| <input checked="" type="radio"/> | It is already in second normal form |
| <input type="radio"/>            | It has a partial dependency         |
| <input type="radio"/>            | It has multivalued attributes       |
| <input type="radio"/>            | It has a transitive dependency      |

Click to Save Answer & Move to Next Question

Question # 4 of 5 ( Start time: 07:12:59 PM, 20 December 2024 )

A transitive dependency occurs when \_\_\_\_\_.

Select the correct option



- Primary key attribute is dependent on non-key attribute
- Part of the key is dependent on key attribute
- Non-key attribute is not dependent on another non-key attribute
- Non-key attribute is dependent on another non-key attribute

Click to Save Answer & Mo

**CS403P - Database Management Systems (Practical) (Attendance Quiz # 9)**

**Question # 3 of 5 ( Start time: 07:12:22 PM, 20 December 2024 )**

Consider the following relation:

STD(stId, stName, stAdr, prName, prCrds)

stId  $\rightarrow$  stName, stAdr, prName, prCrds

prName  $\rightarrow$  prCrds

Which of the following dependency exist in above relation?

**Select the correct option**

<input type="radio"/>	Composite dependency
<input type="radio"/>	Reflexive dependency
<input type="radio"/>	Terminal dependency
<input checked="" type="radio"/>	Transitive dependency

Click

Question # 2 of 5 ( Start time: 07:11:44 PM, 20 December 2024 )

Total Marks: 1

From the following options, Choose the correct statement for the third normal form.

Select the correct option

[Reload Math Equations](#)

- |                                  |  |
|----------------------------------|--|
| <input type="radio"/>            | There is partial dependency in the relation                    |
| <input type="radio"/>            | Non key attribute is dependent on another non key attribute    |
| <input type="radio"/>            | There is redundant data in the relation                        |
| <input checked="" type="radio"/> | No non key attribute is dependent on another non key attribute |

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 5 ( **Start time: 07:10:53 PM, 20 December 2024** )

If a relation is not in third normal form, then anomalies are due to \_\_\_\_\_.

Select the correct option

- |                                  |                            |
|----------------------------------|----------------------------|
| <input checked="" type="radio"/> | Transitive dependency      |
| <input type="radio"/>            | Partial dependency         |
| <input type="radio"/>            | Reflexive dependency       |
| <input type="radio"/>            | Full functional dependency |



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