

Yan

Gu

yg369

Start

Time:

12:13

End

Time:

12:25

CS527

- Quiz

#3



## Database Certification



1. These are all related to integrity constraint **EXCEPT**?

- ☐ Primary key
- ☒ Restrict key
- ☐ Unique key
- ☐ Check
- ☐ Not Null
- ☐ Default



2. \_\_\_\_\_ intended to guarantee validity of data in a database even in the event of errors, power failures, media failure and more.

- ☒ ACID
- ☐ ER Diagram
- ☐ Query Optimization
- ☐ Normalization
- ☐ Integrity enforcement
- ☐ Backup



3. Which Normal Form takes care of dependency of two non-prime attributes (Transitive Dependency)?

- ☐ 1NF
- ☐ 2NF
- ☒ 3NF
- ☐ BCNF
- ☐ 4NF
- ☐ 5NF



4. Which Normal Form takes care of dependency of a non-prime attribute to a partial prime attribute (Partial Dependency)?

- ☐ 1NF
- ☒ 2NF
- ☐ 3NF
- ☐ BCNF
- ☐ 4NF
- ☐ 5NF



5. Which Normal Form takes care of dependency of a prime attribute to a non-prime attribute?

- ☐ 1NF
- ☐ 2NF
- ☐ 3NF
- ☒ BCNF
- ☐ 4NF
- ☐ 5NF



6. \_\_\_\_\_ means that the results of applying a transaction are permanent, even in the presence of failures.

- ☐ Integrity
- ☐ Atomicity
- ☐ Consistency

- ☐ Isolation
- ☒ Durability
- ☐ Backup



7. \_\_\_\_\_ is not a DDL statement.

- ☐ ALTER VIEW
- ☐ CREATE VIEW
- ☐ CREATE INDEX
- ☐ CREATE TABLE
- ☒ DELETE TABLE
- ☐ ALTER TABLE



8. \_\_\_\_\_ is a process of organizing the data in database to avoid data redundancy and insertion, update and deletion anomaly.

- ☐ Cluster Index
- ☐ Constraint
- ☐ ER Diagram
- ☐ ACID
- ☐ Transaction
- ☒ Normalization



9. \_\_\_\_\_ is not a DML statement.

- ☐ SELECT INTO
- ☐ INSERT INTO
- ☒ DROP VIEW
- ☐ DELETE
- ☐ UPDATE
- ☐ INSERT



10. Which join method is valid?

- ☐ Left Join
- ☐ Right Join

- ☐ Self Join
- ☐ Inner Join
- ☐ Full Join
- ☒ All the above



11. A non-prime attribute is \_\_\_\_\_.

- ☒ an attribute which is not part of any candidate key
- ☐ the minimal set of attributes which can uniquely identify a tuple
- ☐ a set of attributes which can uniquely identify a tuple
- ☐ an attribute that is a part of one of the candidate keys
- ☐ All of the above
- ☐ None of the above



12. Fill the blank for [SELECT ... FROM ... WHERE ... GROUP BY ...].

- ☐ Entities, Attributes, Filters, Attributes
- ☐ Attributes, Entities, Attributes, Filters
- ☒ Attributes, Entities, Filters, Attributes
- ☐ Attributes, Entities, Filters, Filters
- ☐ Entities, Entities, Attributes, Filters
- ☐ None of the above



Correct =  
12 of 12  
(100%)

☒ Ready to  
Submit

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