

Name: _____

QUIZ 26 - ICS 321 Fall 2017

Today we reviewed optimistic concurrency.

1. What is the objective of concurrency control?
 - a. to recover the deadlocks
 - b. To ensure the serializability of transactions in a multiuser database
 - c. To ensure the serializability of transactions in a singleuser database
 - d. To manage the database

2. The advantage of optimistic locking is that:
 - a. the lock is obtained only after the transaction has processed.
 - b. the lock is obtained before the transaction has processed.
 - c. the lock never needs to be obtained.
 - d. transactions that are best suited are those with a lot of activity.

3. A transaction in which either all of the database actions occur or none of them do is called:
 - a. atomic
 - b. consistent
 - c. isolated
 - d. durable

4. If an transaction is performed in a database and committed, the changes are taken to the previous state of transaction by
 - a. Flashback
 - b. Rollback
 - c. Both a and b
 - d. Cannot be done

5. Optimistic Concurrency can used at what level(s)? Circle all that apply.
 - a. An attribute (field) of a tuple (record)
 - b. A tuple (record)
 - c. A relation (table)
 - d. A database