CST363 online Database - Quiz 3

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer the following with short answers using complete sentences.

1. What is meant by and what is the purpose of concurrency control in a DBMS?
2. Explain the tradeoff that exists in concurrency control.
3. Define the terms: dirty read, non repeatable read and phantom read.
4. Use the Art Course database.
   1. Create a view named CourseView that shows unique course names and fees.
   2. Code an SQL statement that displays the data in the view CourseView sorted alphabetically by Course.
5. Using the PET database
   1. Create an SQL statement named CatBreedView that shows PedID, PetName, PetBreed and DOB for cats.
   2. Create an SQL statement that selects from CatBreedView sorted alphabetically by PetName.
   3. Are you able to perform an update of CatBreedView? If yes, give an example of a successful update. If not, explain why not. You may want to read

<https://dev.mysql.com/doc/refman/5.7/en/view-updatability.html>

* 1. Are you able to insert and delete from CatBreedView? If not, explain why not.