CS 265 Quiz 7

Name: _____ Grade: _____/ 6

Honor code statement and signature: I understand that for this quiz I may NOT consult with other students regarding the quiz questions, nor can I share the quiz content before 8:00 AM Tuesday Mar 19 2013. I understand that I MAY consult the textbook, videos, course Web site, and my own notes, however. I understand that I can take NO LONGER than 15 minutes to complete the quiz from the time of download.

Your signature: _____

1. Given the two relations:
Book(ISBN PK, title, pagecount, pubName FK ref(publisher))
Publishers(pubName PK, city, state)

Write the SQL creation statement for a virtual view named Bookcities. It should have the title and publishing city of every book. (2 points)

CREATE VIEW Bookcities AS
SELECT b.title, p.city
FROM Books b, Publisher p
WHERE b.pubName = p.pubName;

2. Given a view defined by the following SELECT statement:
SELECT avg(pageCount) as pageAvg, b.pubName
FROM Books b, Publisher p
WHERE b.pubName = p.pubName;

Circle all true statements (3 points):

A) This view can be inserted into under the SQL standard   F

B) This view cannot be inserted into under the SQL standard because it has an aggregate column.   T

C) This view cannot be updated under the SQL standard because it is over multiple tables.   T

D) No views can be deleted from under the SQL standard.   F

3. Given the following SELECT statement:
SELECT b.ISBN, b.title, b.pagecount
FROM Books b
WHERE title < 'U' AND title > 'szzzzzz';

Which column of Books could be made an index to make this query run faster (1 point)?

title