**Part 1**

**A)**

T1: R1 (X), R1 (Y), W1 (X)

T2: R2 (X), R2 (Y), W2 (Y), R2 (X), R2 (Y), W2 (X), R2 (Z), W2 (Z)

R1 (X), R2 (X), R1 (Y), R2 (Y), W2 (Y), W1 (X), R2 (X), R2 (Y), W2 (X), R2 (Z), W2 (Z)

NOT conflict-serializable.

W1(X) is between R2(X) and R2(X).

Because R2(X)-W1(X) forms a read-write conflict and W1(X)-R2(X) forms a write-read conflict, it can not be transformed into a serial schedule by non-conflicting actions.

**B)**

Schedule 1: Serializable

Schedule 2: Serializable

Schedule 3: NOT Serializable

By calculating, schedule 1 and 2 have the same result as the serial schedule, but schedule 3 does not.