

A:

Equivalent.

The order of read and write by each transaction are equivalent

B:

Not Equivalent.

S1: W2(C(T2,1)) W3(B1) R1(C1) R4(B1) W1(A(T1,1)) W4(A(T4,1)) W4(B2) R2(C1) R1(C1)

S2: W2(C1) R2(C1) W3(B1) R1(C1) W4(A(T4,1)) R1(C1) R4(B1) W1(A(T1,1)) W4(B2)

Write of T4 breaks the equivalence of S2.