

a.

T1	T2	T3
L(A)		
R(A)		
W(A)		
U(A)		
		L(A)
		R(A)
		W(A)
		U(A)
	L(A)	
	R(A)	
	U(A)	
L(B)		
R(B)		
		L(B) - BLOCKED
W(B)		
U(B)		
		L(B) - GRANTED
		R(B)
		W(B)
		U(B)
	L(B)	
	R(B)	
	U(B)	
	commit	
commit		
		commit

b. 2PL ensures conflict serializability but does not ensure recoverability whereas strict 2PL ensures recoverability. This ensures that no conflicts result from interleaved transactions rolling back instead of committing.