Name = M. Jonard-Salvem. Qadoi
Class: BSE-4B
E. no: 02-131202-057
Commence of the commence of th
lock & unlock instruction
T.: lock-s(A)
Send A)
lock-x(B)
sead B
if A=0
Then B:= B+1
write(B)
unlock (A)
unlock(B)
12: lock-5(B)
send(B)
lock-x(A)
Sead (A)
if B=0
Then A:= 4+1
write (A)
unlock (R)
unlock (A)

Yes Execution of	. Prese transactions can	
result in Acadlock	· for example.	
Ti	72	
loch-s(A)		
	lock-5/B)	
	8end (B)	
xed(A)		
Verd (A) Lock-X(B)		
	lock-X(A)	
The transactions	ave now deadlocked.	
118		
Q2.		
Beginning of log		
CTO start>		
LTO, B, 2000, 2050>		
CT1stast>		
Ccheckpoint STO, T13>		
2T1, C, 700,600>		
CT1 commit>		
LT2 start>		
LT2, A,500,400>		
< To, B, 2000>		
- system cxyh		

Here To and T2 are incomplete at crash und list: To and T2 Redo list: T1 log secords added dusing secousty 210, B, 2000>

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