

Name(s) \_\_\_\_\_

<b>Report: (30%)</b>		
Key Ideas of Solutions	5%	
Diagram showing the state transitions of threads and its TCB	5%	
How to implement semaphore type and its operation	8%	
Identify critical sections and how to protect them	7%	
How synchronization operations interact with the scheduler	5%	
<b>Execution: (60%)</b>		
Compilation	5%	
Creating semaphore	10%	
Up operation	15%	
Down operation	15%	
Scheduling	5%	
Other operations	10%	
<b>Comment (10%)</b>		
<b>Total (100%)</b>		