

# Tutorial 8 Solution

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Question 1								5 pts
Time	0	1	2	3	4	5	6	
P0	CPU	CPU	Preempt, L1	L1	CPU	CPU	[ Select ]	
P1		New, L0	CPU	CPU	Preempt, L1	[ Select ]	[ Select ]	
P6							[ Select ]	

1.

**P0**

- CPU
- CPU

**P1**

- L1
- L1

**P6**

- New L0

Question 2								10 pts
Time	7	8	9	10	11	12	13	
P0	I/O	I/O	I/O	CPU	Exit	Exit	Exit	
P1	CPU	CPU	CPU	I/O	I/O	I/O	L1	
P6	L0	L0	L0	CPU	CPU	Preempt -> L1	CPU	

2.

**P0**

- I/O
- I/O
- I/O
- CPU
- Exit
- Exit

- Exit

**P1**

- CPU
- CPU
- CPU
- I/O
- I/O
- I/O
- L1

**P6**

- L0
- L0
- L0
- CPU
- CPU
- Preempt-L1
- L1