# Tutorial 8 Solution

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

1.

P0

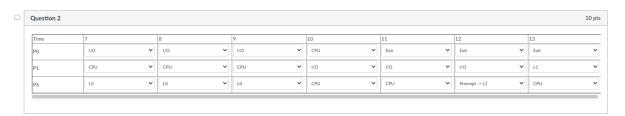
- CPU
- CPU

P1

- L1
- L1

P6

• New L0



2.

P0

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

CSC 369 Tutorial 8 Solution

#### **Correct Solution**

- I/O
- I/O
- I/O
- L0(problem statement said it moves up to L0 after I/O)
- L0
- CPU
- Exit

#### P1

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

#### **Correct Solution**

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

#### **P6**

- L0
- L0
- L0
- CPU
- CPU

- Preempt->L1
- L1

Question 3											10 pts	
Time	14		15		16		17	1	18	19	20	
PO	[Select]	~	[ Select ]	~		~	[Select] V	7	[Select] V			~
						=			[Select]			_
P1	[ Select ]	~	[ Select ]		[ Select ]	~	[Select] V		[Select]	[Select] V	[ Select ]	~
P6	[ Select ]	~	[ Select ]	~	[ Select ]	~	[ Select ]	1	[ Select ]	[ Select ]	[ Select ]	~

3.

#### P0

- -
- -
- -
- -
- -
- -
- -

### **P**1

- L1
- L1
- CPU
- Exit
- -
- -
- -

#### P6

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