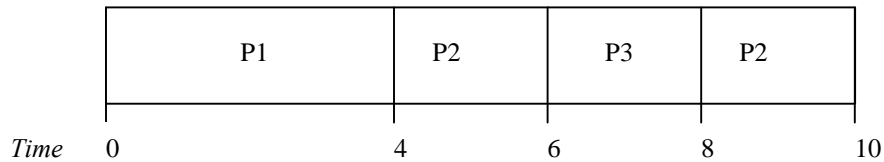


Name: Key Course (410 or 689): _____

This quiz is closed book and closed notes

Question 1: Given the following Gantt chart and process information, fill in the table. Don't try to make sense of the scheduling algorithm; it's arbitrary.



P1 and P2 arrive at time 0
P3 arrives at time 5

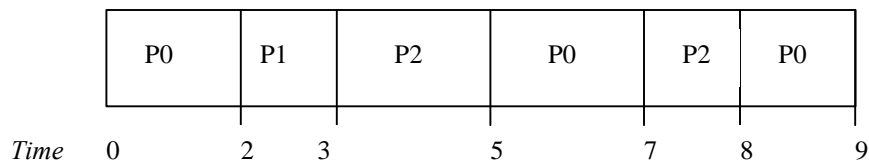
	Wait time	Turnaround time
Process 1	0	4
Process 2	6	10
Process 3	1	3

Question 2: Draw the Gantt chart assuming the following process burst times and FCFS scheduling (all processes are in the system at time 0).

Process Burst time
P0 5
P1 1
P2 3



Question 3: Given the same process burst times as in Question 2, draw the Gantt chart for Round Robin (RR) scheduling with quantum 2 (again, all processes are in the system at time 0).



Question 4: What pair of process states does the short-term scheduler switch processes between?

Ready and Running

Question 5: What pair of process states does the long-term scheduler switch processes between?

New and Ready