	Score:		Name:	iz - CDII	Sahaduling			
	ECE 3055 Quiz - CPU Scheduling The following processes arrive for execution at the times indicated. Use preemptive scheduling for SRTF and RR. Base all decisions on the information you have at the time the decision is made. At arrival time, the burst execution time is known. For RR, assume a newly arrived process is in the ready queue just prior to its arrival time (i.e. it is already in the tail of the ready queue, just before the running process is stopped and added to tail of the ready queue at a time slice.)							
	Process	Arrival T	ime	CPU Bı	ırst or Execu	ıtion Time		
	P1	0.0ms		7ms	* .	(3)		
	P2	2.0ms		2ms	73	1000-5	+2)/4=	2
	P3	4.0ms		1ms	-	•	•	
	P4	8.0ms		2ms		(_
	Draw a Gantt ch	art using FCFS:		•	TT =	(1+1+4	5+4)/4=	6
		PI			PZ	P3	P4	
	0 1	2 3 4		⁶ ₩T	· = (0°+	-6+3+2	$()/+^{11}=\frac{12}{2}$	75
	Draw a Gantt ch	art using SJF (no pre	eemption):	TT	= (7+	-8+4+4)	14 = 5.7	15
		PI			рз	P2	P4	
	0 1	2 3 4	5	6 W	r ⁷ = (s ⁸ +	+010+6	$9)/4^{11}= 19.$	25
	Draw a Gantt ch	art using SRTF (pree	emption):	7	r=(12.	+2+1+2	1/4 - 4	.25
	PI	PZ	P3	PI		P4	P1	
	0 1	2 3 4	5	6	⁷ P4,8	1 (FCFS	0 11 12 = burst time	(s
	Draw a Gantt ch	art using RR with tin	ne slice = 2m	is:	,			
	PI	P2	PI	P3	PI	P4	PI	
o 1	0 1	2 3 4 2,71 Ph	5 D 2	6 P3,P1	7 8 DI	9 10 pu	D 1	
Keady	,	2,71 Pl,	1)	ווערו	- .	, , , ,	1 (~
Q vec'	e Fill in the table b	pelow (convert to de	cimal – no fi	ractions!):		WT	=(5+0+	2+1/4
	Fill in the table below (convert to decimal – no fractions!): Average Turnaround Time Average Wait Time $T = (5 + 0 + 2 + 1)$ $= 2$ $= 2$ $= 2$ $= 2$ $= 2$ $= 2$							3+3)/
		_			\sim	, ,		3)/
	FCFS	6	_				= 5	
	SJF	5.75	_		2.7	5		
	(no preemption) SRTF	4.25		•	1.25	5		
	(preemption)				-			

RR