J. consider the following processes with arrival times and burst times, and the time quantum for process Round Robin Schedulling is 2 units:

Process	Arrival T.	Byost T.	Waiting Tim	e Tyrnaroundt.
PI	0	4	G) 0
P2	1	5	8	13
P3	2	2	2	4
P4	3	3	7	10

Avg. Twonamound Time = 10+18+4+10

Part E

9. 1. Considers the following processes with arrival times and burst times:

Process	Arrival Time	BunstTime
P 1	O	5
,	1	3
P2 P3	2	6

calculate the average waiting time using Pirst-come, Pirst served (FCFS) schedulling:

Ans.

,,,,,,	٨	- 1 T	Response.T.	Waitings	(H)
Process	ArrhalTime	Busst 1.	70570170-	- 0-0=0	
	0	5	0		
PI		7	5	5-1=4	
P2	1	3			
P3	2	6	8	18-2-6	
	_				

g. 2. Consider the following processes with amival times and bust times.

Proocess	AssivalT.	Burst T.	Response T.	Waiting T.	TAT
Ps	0	3	0	6	3
P2	ţ	5	8	7	12
P3	2_	1	3	ţ	-2
P4	3	4	4	1	5

calculate the average tumaround time using shortest Job First (SJF) schedulling.

9.3. Consider the following processes with arrival time, burst times, and priorities (lower number indicated higher priorit

2 (1.1.0)				
Process	AssivalT.	Burst T.	Priority	Waiting Time
115000	_	_	3	O
Ďι	0	6	•	5
Γ'		4	1)
P2	1		4	10
	2	7	-)	
P3		2	2	7
D1_	3			

calculate the avg. waiting time using priority schedulling:

Gautt chart:

$$=\frac{22}{4}$$