Name Tayesh Mill Div 2 Roll no : 721287

Assignment - 3

around time & waiting time using SIF (both) & round Pabin with time quantum = 1 m see.

Broress	Anval time	Bures I sime
9.	0	3
Pa-	1	5
Pa	3	2
P.,	2	5
Ps	12	5

→ using sit preemlive

Initially lets have gonth chart

6	Pa	Pa Pu	1 - P5	
0	3 5	10	15	20
Now	CT	7.0.T	WT	
P.	3	3	0	
Pa	10	9	4	170
P3	5	2	0	
Pu	15	6	14	
P5	2.0	8	1	

2

Where
Tran fround time = completion - Arrival
time

The Tar = CT-AT

and

Waiting time (WT) - Thin Pround - Burst time time

MOUD .

Average working time = 0+4+0+1+3 - 8 - 1-6 ms

2) using sit non preemtive

Ganti charl

P.	1 8	2	Pa	P	, I	0	
0	3	5		10	15	15	20

-	C-T	TAT	WT
P.	3	3	0
Po	10	9	4
P3	5	2	- 0
Pu	15	6	- 0
Ps_	2.0	8	3

Averag WT : 0+4+1+3 = 1.6 mg

3) Using Round Rabin Te 1 ms Pu Pa Pu Pa Pa Pa Pa Pa TH TAT TO 10 Pa U. P5 3 20 Average wouting time = 3+5+3+4+3 - 18 - 3-6 ms Average TAT - 5+10+5+9+3 = 76 mg