Proces Arrival Home Burst From
PI 0
P2
P3 4 2 2
1. For FCFS, Cant Chart => [] 3 15
1. For FCFS, Gunt Chart => $\begin{bmatrix} R_1 & R_2 & R_3 & R_4 \\ R_4 & R_5 & R_5 & R_5 & R_5 \\ R_5 & R_5 & R_5 & R_5 & R_5 & R_5 \\ R_7 & R_7 \\ R_7 & R_7 &$
Avo. Turn Anound time 3+(9-1) 2 (13-4) +(15-6) 29-20=
Ang. Turn Annual $+im = 3+(9-1)+(13-4)+(15-6) = \frac{29}{4} = 7.25$ (mile)
2. For Round Robin, \[\begin{array}{cccccccccccccccccccccccccccccccccccc
Arg. Waiting time Gantt Chart
$= (4 \times 2) + (2 - 1) + (5 - 3) + (15 - 6 + 2) + (13 - 4 - 4) + (11 - 2 - 6)$
=4.5
Arg. Turn Armed time = 5 + (15-1)+ (13-4) + (11-6)
7 8.25
28.25
3. For SJF, P. 1 P. 1 P. 15
0 3
Arg. Waiting time = $(0) + (3-1) + (9-6) + (11-4) = 3$
Avg. Tunawout time = $3+(9-1)+(15-4)+(11-6)=6.75$
4

For SLTF, $\begin{bmatrix} F_1 & F_2 & F_3 & F_4 & F_2 \\ 0 & 3 & 4 & 8 & 70 \\ 3 & 4 & 8 & 70 \\ 15 & 3 & 4 & 8 & 70 \\ 15 & 3 & 4 & 8 & 70 \\ 15 & 3 & 4 & 8 & 70 \\ 15 & 15 & 15 \\ 2.5 & 4 & 8-4+4 \end{pmatrix} + (10-6-2)$ = 2.5 Avg. Turn Around Fine = 3 + (15-1) + (8-4) + (10-6) = 6.25