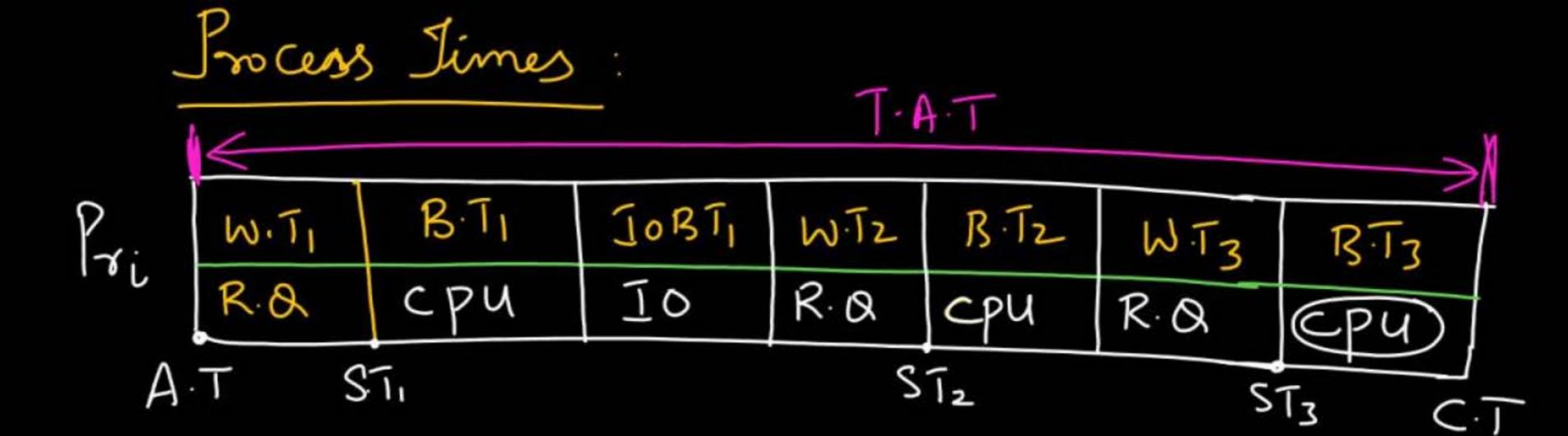
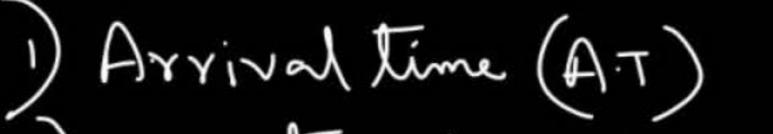


FCFS

SJF





2) Waiting time (W.T)

3) Scheduling time (S.T)

3) Burst time (B.T)

6) Turn fround Jime (TAT) = CT-AT

-> Jotal time Spent by Process in R. Q

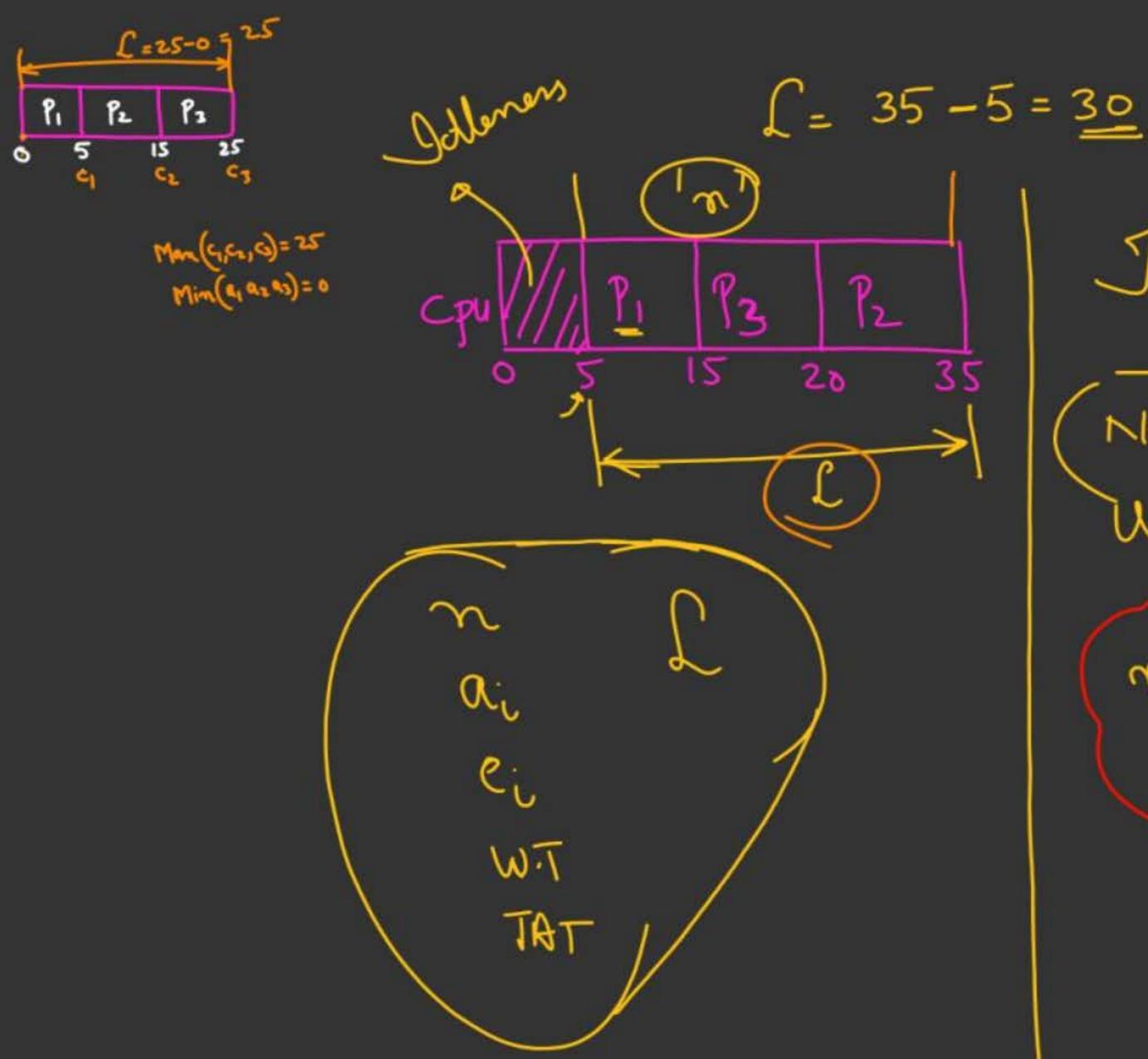


TAT(
$$Ri$$
)= $Ci-\alpha i$

Avg. TAT = $\sum_{i=1}^{\infty} (ci-\alpha i)$

3) WT (Pi) =
$$(c_i - a_i) - (x_i + y_i)$$

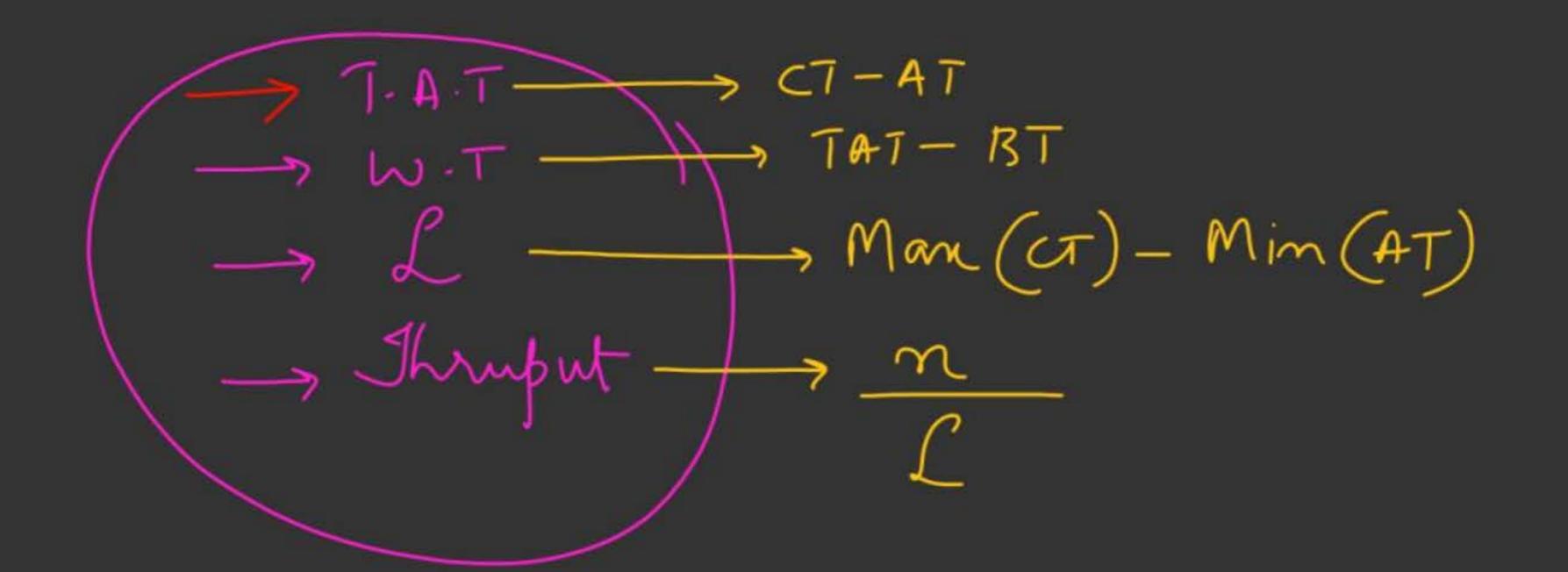
4) Avg. WT = $\sum_{i=1}^{\infty} (c_i - a_i) - (x_i + y_i)$
 $\sum_{i=1}^{\infty} (c_i - a_i) - (x_i + y_i)$

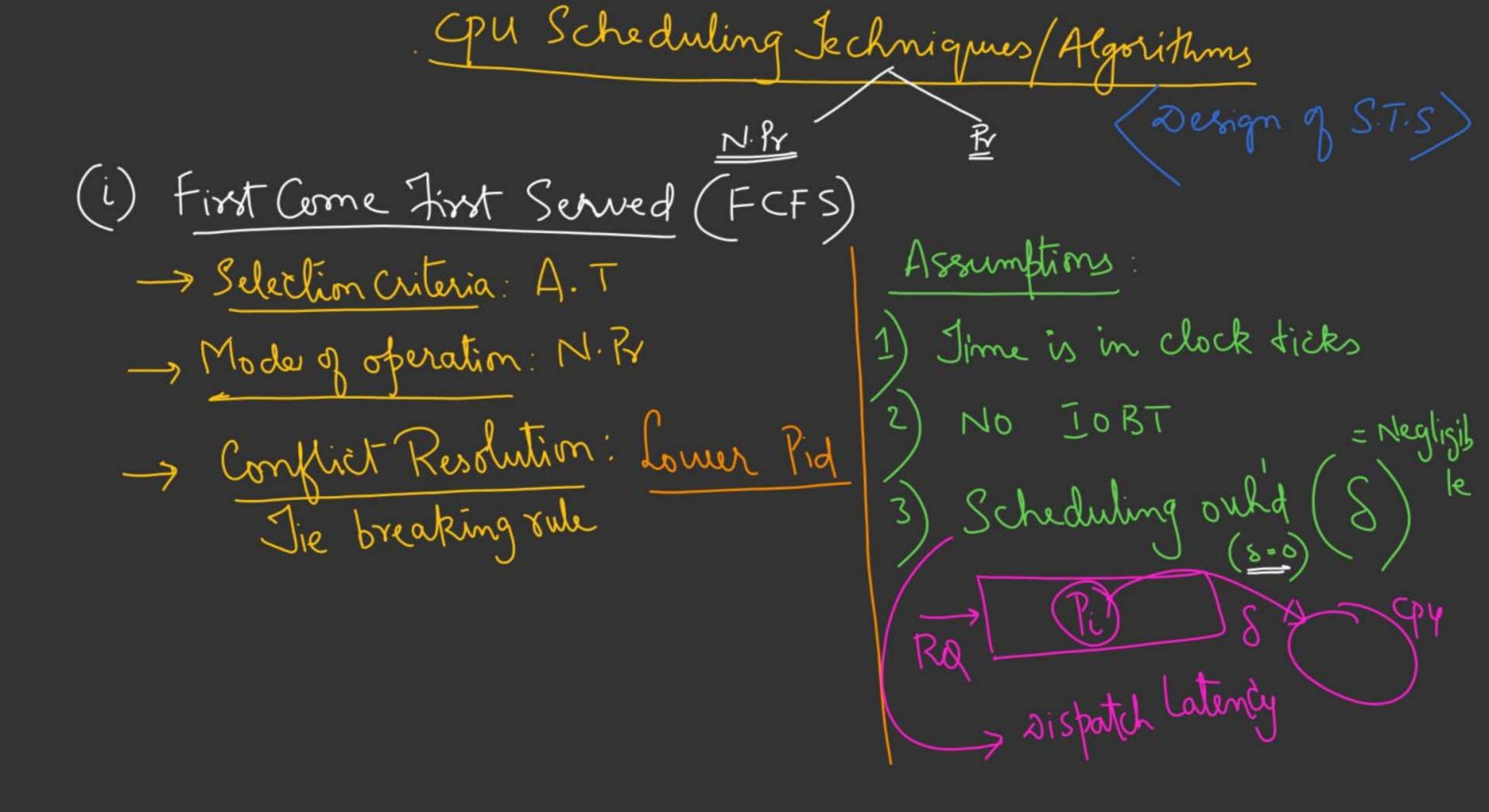


Thruput (n):

No. of Processes Completed Pen Unit - time;

7 = 1 mil





$$\mathcal{L} = 15 - 0 = 15$$

$$Av. WT = \frac{36}{5} = 7.2$$

Gantt Chart

Selection of CP4

$$L = 24 - 3 = 21$$

CP4

 P_1
 P_2
 P_3
 P_4
 P_5
 P_6
 P_7
 P_7

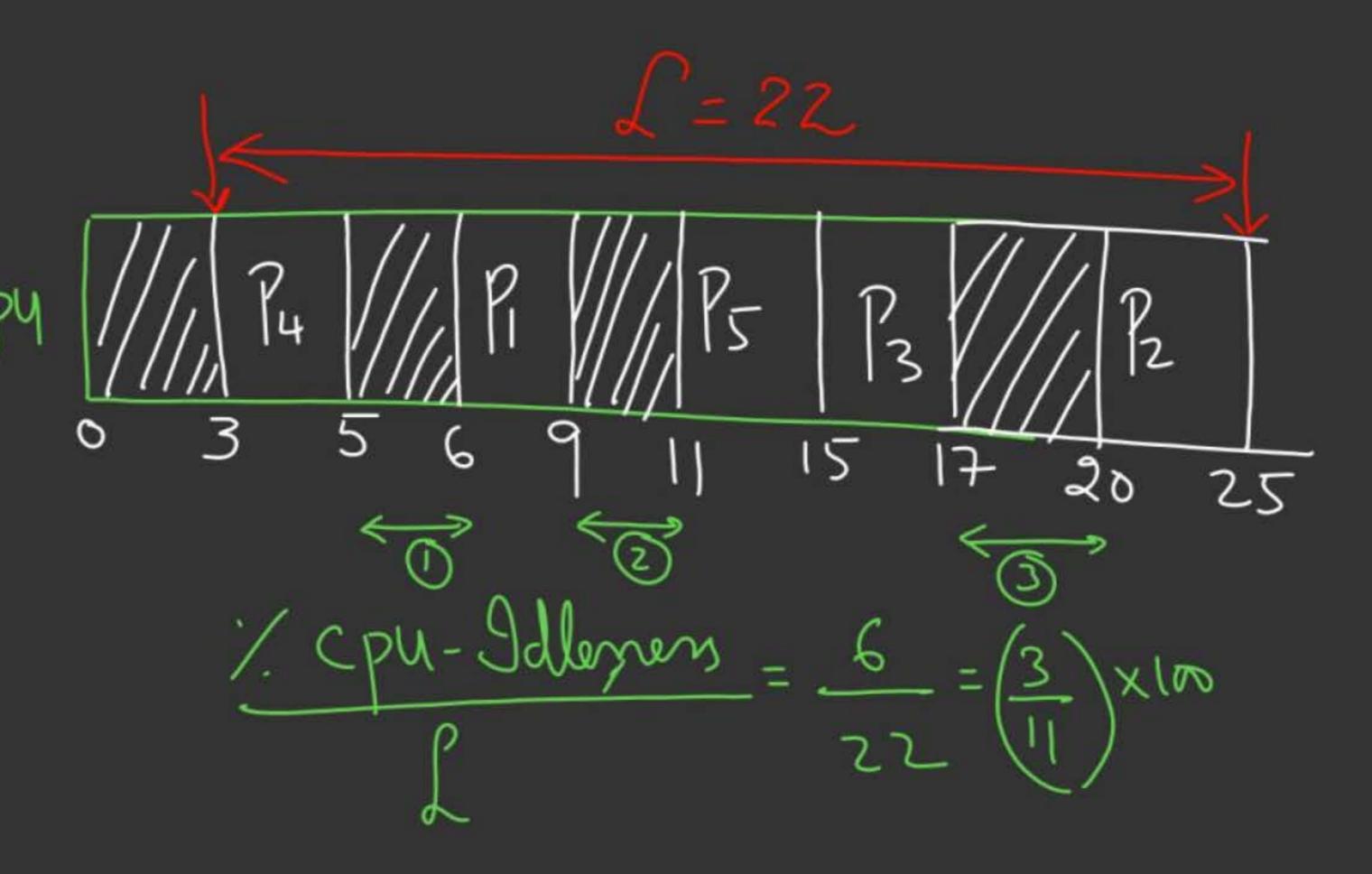
$$\frac{1}{21}$$

$$=\frac{1}{21}$$

$$=\frac{1}{21}$$

$$=\frac{1}{21}$$

$$=\frac{1}{21}$$



FCFS with non-negligible Scheduling outled S=1 = Scheduling out S= 1 uint RÓ W.T=TAT-(BT+8) 3-2= W.T= Jime Spent by the

$$S = 1$$

$$S = 1$$

$$0 - 3 + 1 - 3 - 2$$

$$0 - 5 + 2 - 7 - 4$$

$$4 - 8 + 3 - 8 - 3$$

$$6 - 12 + 4 - 10 - 5$$

$$= 160 - (21 + 5 \cdot 2)$$

$$= 17 - 10 - 5$$

$$S = 1$$

$$S = 1$$

$$S = 1$$

$$S = 19$$

$$S$$





