

CPV-Schoduling Chapter-6

Nonpreemptive - pan not be halted. Atomic Execution]

Pre-emptive means can be forestalled @ CPV has alternating CPU and pairst eyeles. A CPD has a smort term scheduler/CPU scheduler, and its job is to selects a process from memory and Mondes the CRU to that process. (processes that are ready)
i'e in Ready Queue

-Records as in ready queue are in . PCB (Process Control Blody)

- Ready queue isn't necessarily a queue,

it can be a priority great, FIFO great, tree. ti setaloging Criteria

De CPD scheduling algorithm any offects agiting

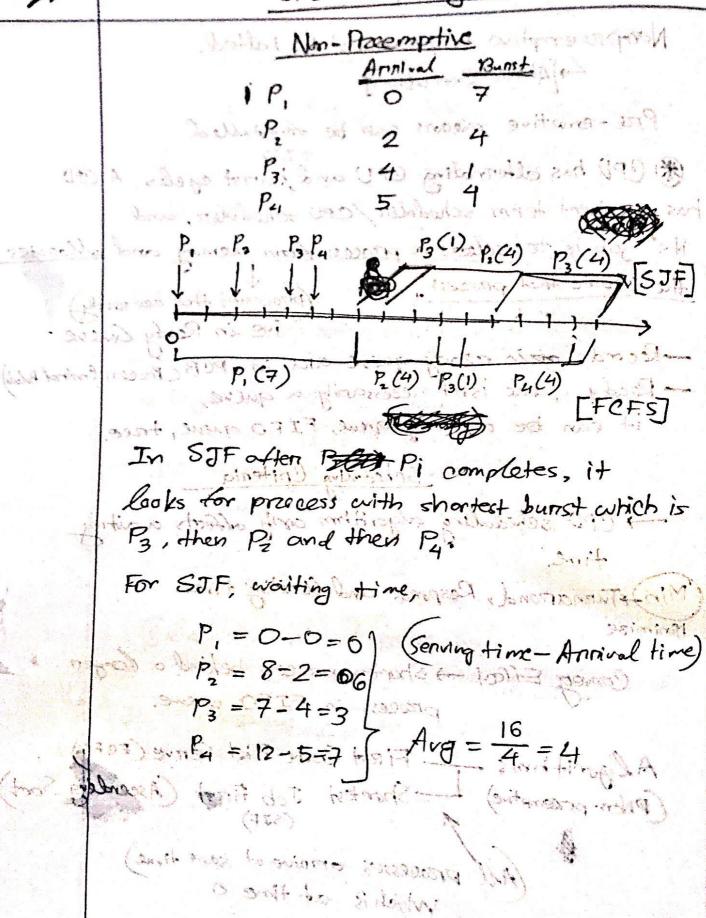
"Min) Turnarrand, Response and Waiting time Minimize P, = 0-0=01 (Smilly + in - Amile 1125

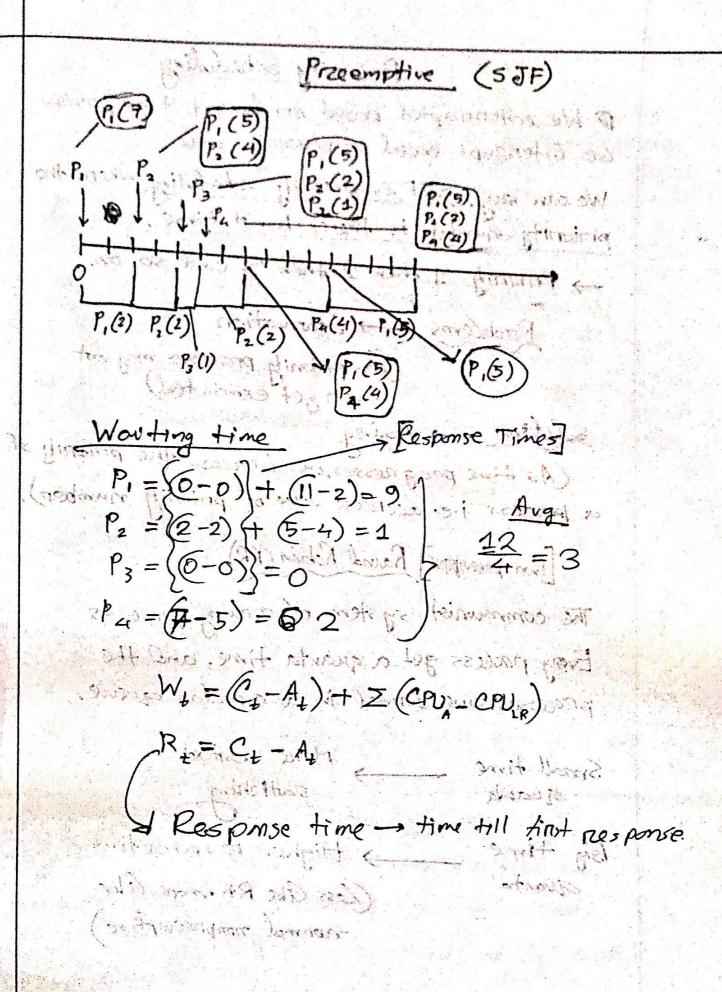
Convey Effect -> Shorten process behind a longer process in FIFO queve.

Algorithms - First Come Fist Serve (FCFS) (PNon-præmptive) - Shortest Job First (Ascending Sort)
(SJF)

(All processes arraive at same time) which is at time o

CPU-Schodoling





(163) Preionity Scheduling
10 We intennupted based on burst time, now
we intennupt based on priority value.
We can say SJF is promity scheduling
priority number is their burist time.
-> Priority 1 then 2. then 3 and so on.
Problems Stanvation
(bu prionity processes may not even get executed)
(As time proof resses, we unchease
a process i.e. decrease value of priority number).
[Non-precomptive] Rawd Robin (RR)
The communist system of serving spracess
Every process get a quanta time, and the
processes and served in a cinedan queue.
Small time Mone context
quanta Southching
Big time Higher resemseting
avanta (less like R.R. more like

normal nonpreemptive

