4.17 - Operating System Saturday, October 11, 2025 10:56 AM

Is System software of

=) Respon sibilities of OS

e) Hardware and Software interestion maregement

- ·) Proces mgmt.
- .) Storage ng mt. 7. s ft. 20)
- ·) menny ngmt + [RAM]

Types of OS

- ·) Red Time 05 = 8 std)
- ·) Mulli-programming os
- multi tas cin y

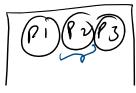
Embedded as)

(Paraware)

·) Distributed OS.

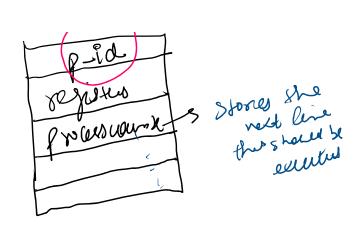
3) Multiprey ramming os

Non-promptive] [PIP2]



of multixasting

[pre-emptive] # Proces Scheduling balfo nthro frocess けら Road Creete بلثمافها Sus party prive id # ECA) process Combrol News



Algoritms for Scheduling

Promption

Promption

Roan Robert

STF

STF

LFTE

LFTE

If Some teeminologies to commende

- 1) Amoral Time: the time when process point of enter he ready view
- 2) Bust time: vietuel time reeded for worle.
- 2) Completion time; when process globs terminated/

2) Confusion of

complete (+ deletion)

(a) Tuen around time: (a plution - areival]

5) Response time the press gets apo for direction the first time - arrivel

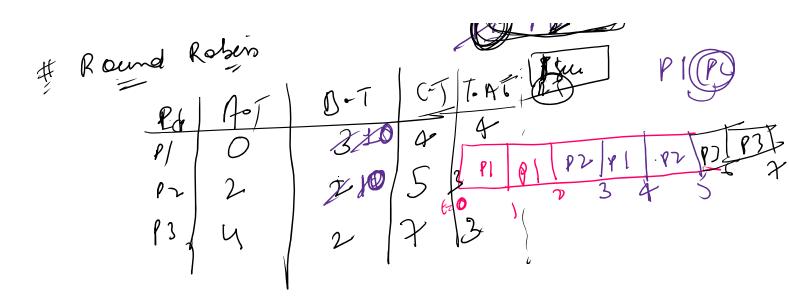
FCFS Pid AoT BoT C-T TO AT RITE OF STATE OF STAT

It time slive time suon turns
wer amount of time that OS decides
for run a pair when process.

H. Round Robers

O 12 P

D ICE



Show lest Tox First (Non- prenetice)

Honorb Bosed

Proof 1-id

10

11

20

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SRJF
Gsworker Remaining Ame fort

11 AoT BoT

11 O BAB

11 O PI PI 12 PR

12 Q 2 2 2 2 3 A

Diff His OS and Certifes component that actually margin of includes every functionally of mare margin of hand vare, software warefung hand vare, software