Operating System (Juloual)

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Class - Brech ess us (gray-1)

Rall Not 2K19 GONO 1086

Section-A

- 1.) Non-paremptive
- 2.) it can lead to some Low priority process waiting sindefinitely for the CO
- 3.) Intracain the priority of jobs to ensure tour matter in a finite time.
- 4) aging
- 5) After Pace mpthe scheduling
 - (P) (T) , TT
- 7) Sjf
- 8) First on first Out

1 Grants Chart

$$avg TAT = 12 + 6 + 15 + 18 = 51 = 12 - 25$$

$$avg WT = 7 + 2 + 8 + 12 = 29 = 7-25$$

Porocess	Ar	ET	préoreity 2	CT	(C) TAT	w7
P.	0	8	2	12	12	7
P2	2	4	1	8	6	2
P3	3	4	3	18	15	8
94	5	6	Ч	23	18	12

2 Poro cers	AT	ET	priority	СТ	TAT	WT
9,	0	36	3	19	19	16
P ₂	2	76	4	25	23	16
P ₃	3	86	1	9	6	1
Py	5	9.	2	17	12	3

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Gant chard

$$\frac{\text{avg TAT} = 19 + 23 + 6 + 12}{4} = \frac{60}{4} = 15$$

ang TA1 =
$$21 + 17 + 11 + 14 = \frac{63}{4} = 15-75$$

$$avg wt = 12 + 12 + 8 + 10 = 42 = 10.5$$

movement between queues. It enables host clu bound jobs to be per oxitised and therefore processed qui chy. It can be preemptive on non-preemptive.

Anss.) In multi level queue scheduling algo. , processes are formanently assigned to a queue. On entryto the system. Processes do not move petween queues. This setup has is here inflerible. It arrises a que. on how to set pri oussies on time slive for queues. In this process side may also get charged.