

Q

(7T2) admit dot board

CPU scheduling.

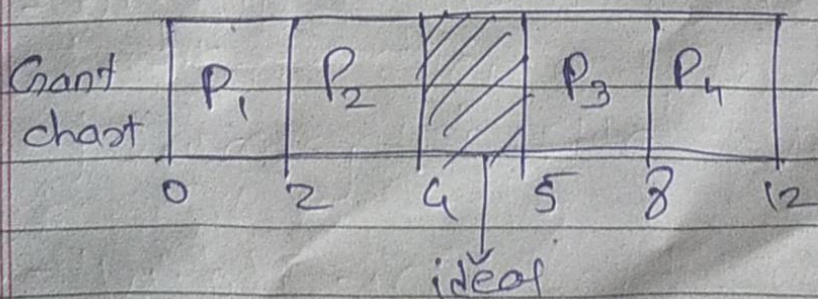
- Arrival time :- The time at which process enter the Ready Queue.
- Burst time :- Time required by a process to get execute on CPU.
- Completion time :- The time at which process complete its execution.
- Turn Around Time = Completion time - Arrival time.
(TAT)

$$\text{Waiting time (WT)} = \text{Turn Around Time} - \text{Burst time}$$

~~Response time~~

* First come first serve algorithm (FCFS)

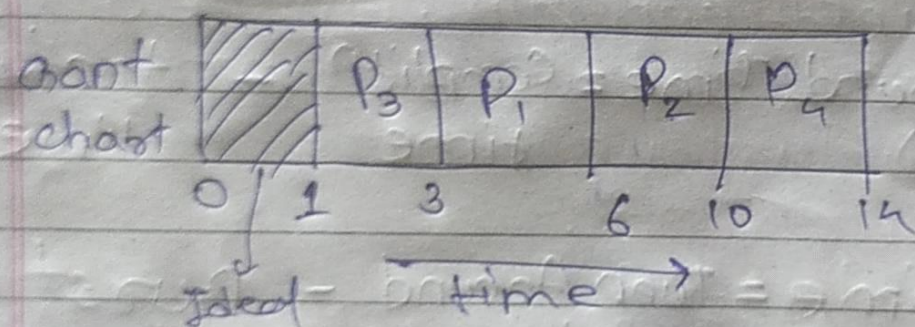
Process No.	Arrival time	burst time	Completion time	TAT	WT	RT
P ₁	0	2	2	2	0	0
P ₂	1	2	4	3	1	1
P ₃	5	3	8	3	0	0
P ₄	6	4	12	6	2	2



- Criteria = first come.
- RT → response time.

* Shortest Job first (SJF)

Process No.	Arrival time	Burst time	Completion time	TAT	WT	RT
P ₁	1	3	6	5	2	2
P ₂	2	4	10	8	4	4
P ₃	1	2	3	2	0	0
P ₄	4	4	14	10	6	6



- Criteria = Burst time

* Round Robin.

- Criteria = Time Quantum.