



Waiting time = Completion time
Completion time
arrival time

$$P_0: 10-3-2=5$$

$$P_{l}: 7-7-0 = 0$$

$$p_4$$
: $19-4-5 = 10$

(a) t=0 P₁ $P_1 \rightarrow runs$ (c) t=2 P₁(5)

(a) t=3 P1 is preempted, P1(4)

[P1(4) P2(4) Po(8) Po(8) Po ₹→ Yuns

@ t=4 PSW P1(4) | P2(4) P0(2)

@ t=5 P440 P5(1) P1(4) P240 P3(1)

Po terminates Pr Yuns

(e) t=9 P2 is preempted,
P1 runs

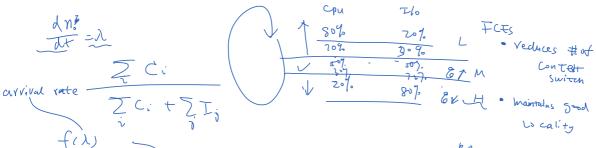
Picu P4(4) P3(1) P1(4)

@ t= 12 P1 is preempted, P3 runs

P(C) P2(1) P4(4)

Pais preempted, P2
Paci) P(1) P(1) P(1)

(t=17 Pr terminates



Qo: if there is no proveses in O. (no-1). 8/9.)

PR. . good response

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(no-1) 8 12.)

N_1 Q_1 $Q_2 = 8$ $Q_3 = 16$ $Q_4 = 16$ Q_5 $Q_6 = 16$ Q_7 $Q_8 = 16$ $Q_$	
Po 0 25 teo Po(25), Yun po -	
Pz	
20 10 2ms + 1=10 P1(16), Yun P0(15)	
t=12 P2(24)P1(14)	-
Schedule = t=18 P2(24) P1(8) Pd(15)	
t=20 P3(10) P2(22)	
= t= 26 . P3 (16) P2 (16) P3 (18) P3 (18)	
Since we have Yun Since we have Yun P3(2) P2(16) P1(8) P3(2) P2(16) P1(8) P3(2) P2(16) P1(8) P3(2) P2(16) P1(8)	
	_
P, terminates t= 52 PS(2) PS(16) Po(5)	_
= t=64 Ps(2) P2(4) P100	_
Ps terminates t= 66 - Process	

b. terminates t =) 1 :

Prterminatest = 75

Head of ready Queue

8=8

9=8

2=16