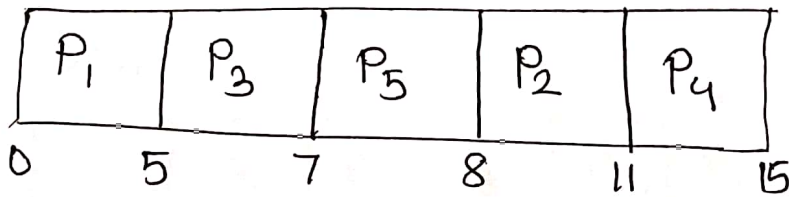


SJF

Ex#1

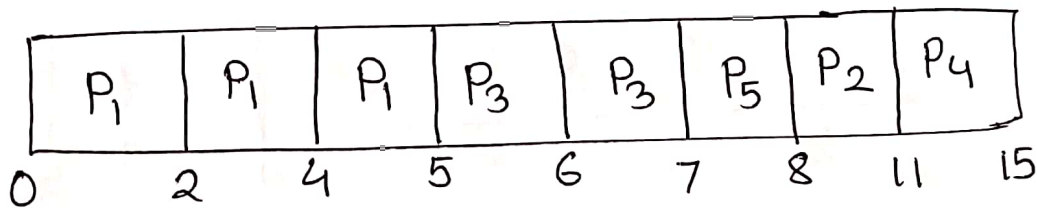
(NP)



Avg. W.T = 2.4

Avg. TAT = 5.4

(P)



Avg. W.T = 2.4

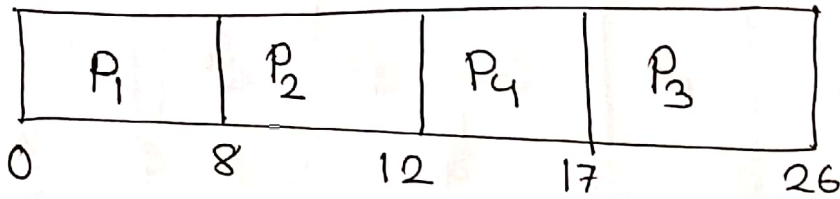
Avg. TAT = 5.4

Page-1

SJF

Ex#2

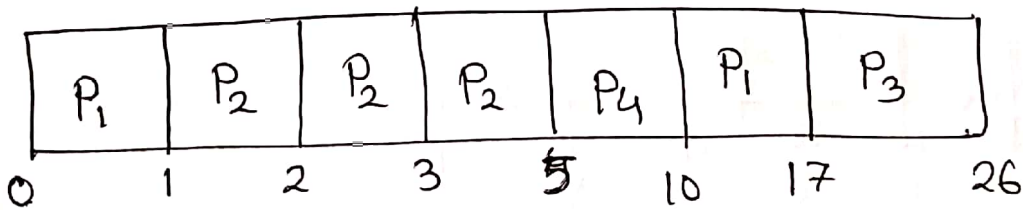
(NP)



Avg. W.T = 7.75

Avg. TAT = 14.25

(P)



Avg. W.T = 6.5

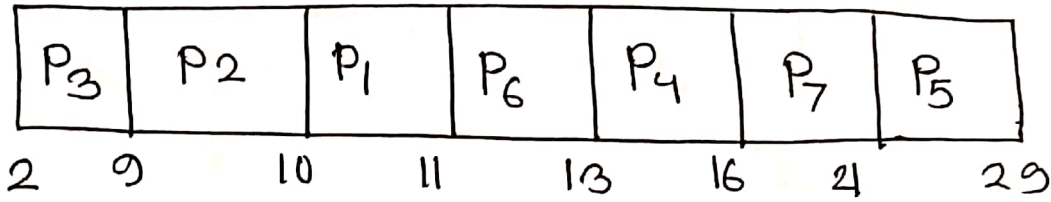
Avg. TAT = 13

Page-2

SJF

Ex#3

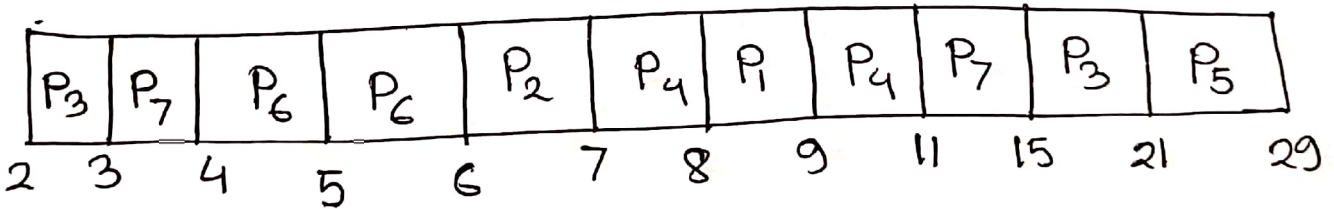
NON-Preemptive



Avg. W.T = 7.71

Avg. TAT = 11.57

Preemptive



Avg. W.T. = ~~10.0~~ 6.14

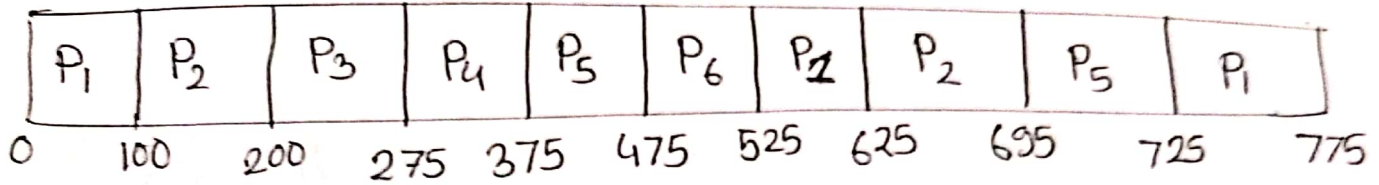
Avg. TAT = 10.0

RR

Ex #1

Ready Queue:

→ $P_1(250), P_2(170), P_3(75), P_4(100), P_5(130), P_6(50), P_1(150), P_2(70), P_5(30), P_1(50),$

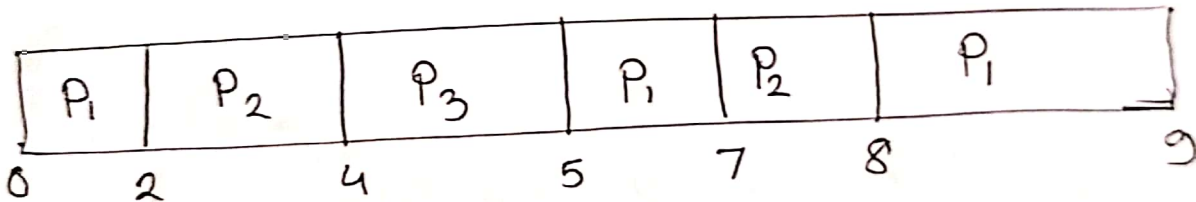


Avg. W.T = 432.5

Avg. TAT = 561.67

Ex #2

Ready Queue: $P_1(5), P_2(8), P_3(1), P_1(3), P_2(1), P_1(1)$



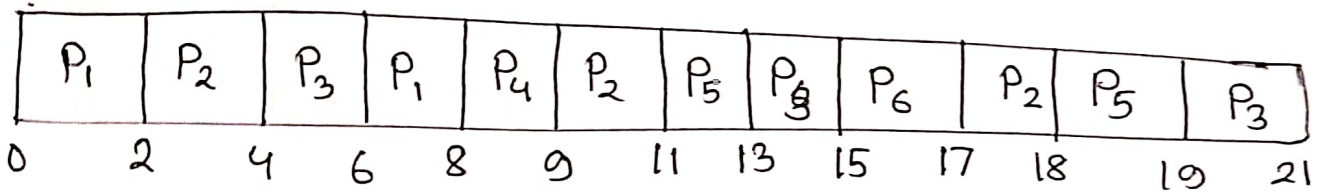
Avg. W.T = ~~7.0~~ 4.33

Avg. T.AT = 7.33

Ex#3

Ready Queue:

$P_1(4), P_2(5), P_3(6), P_1(2), P_4(1), P_5(3), P_3(4), P_6(2), P_2(1), P_5(1)$
 $P_3(2)$.



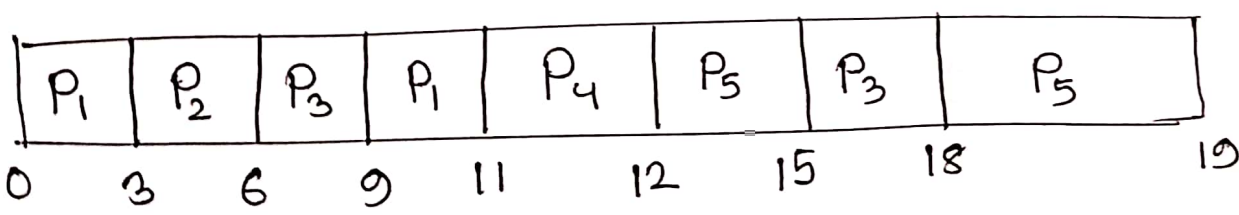
Avg. W.T = 8.5

Avg. TAT = 12.0

Ex#4

Ready Queue:

$P_1(5), P_2(3), P_3(6), P_1(2), P_4(1), P_5(4), P_3(3), P_5(1)$

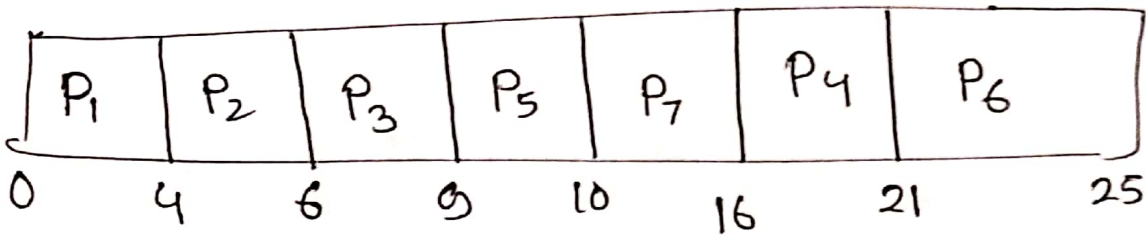


Avg. W.T = 6.4

Avg. TAT = 10.2

Priority (NP)

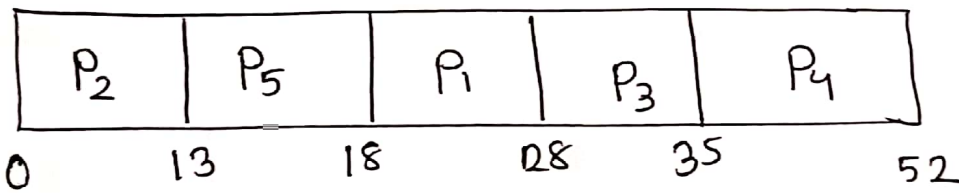
Ex#1



Aug. W.T = 6.43

Aug. TAT = 10.0

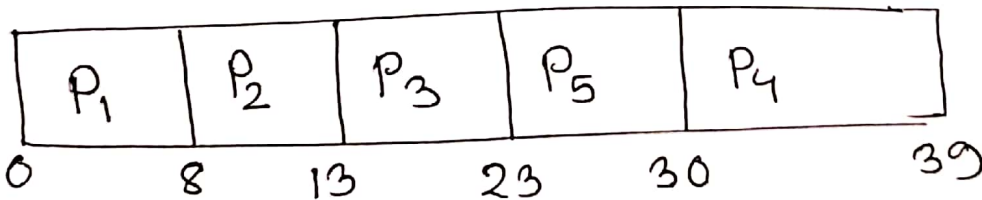
Ex#2



Aug. W.T = 16.0

Aug. TAT = 26.4

Ex#3

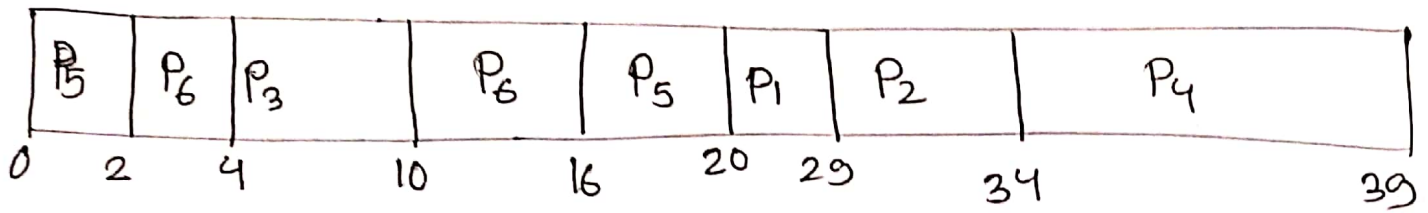


Aug. W.T = 10.0

Aug. TAT = 17.8

Priority (P)

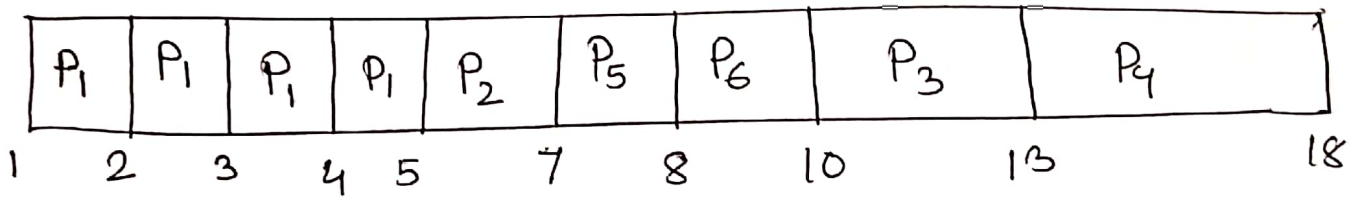
Ex#1



$$\text{Avg. W.T} = \cancel{20.67} 14.17$$

$$\text{Avg. TAT} = \cancel{15.25} 20.67$$

Ex#2



$$\text{Avg. W.T} = 4.83$$

$$\text{Avg. TAT} = 7.67$$