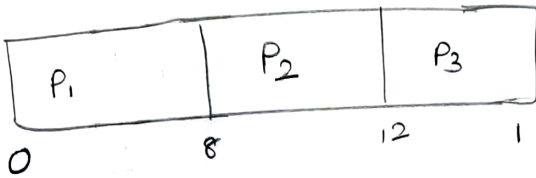


1)

Arrival	Process	Burst time
0.0	$P_1$	8
0.4	$P_2$	4
1.0	$P_3$	1



Waiting time  $\Rightarrow$

$P_1 \Rightarrow 0$

$P_2 \Rightarrow 7.6$

$P_3 \Rightarrow 11$

Turn around time  $\left\{ \begin{array}{l} \text{Waiting time} + \text{Burst time} \end{array} \right.$

$$P_1 \Rightarrow 0 + 8 \Rightarrow 8$$

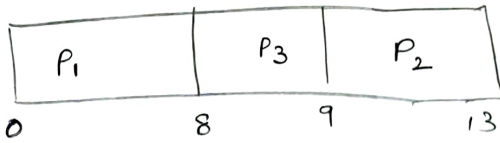
$$P_2 \Rightarrow 7.6 + 4 \Rightarrow 11.6$$

$$P_3 \Rightarrow 11 + 1 \Rightarrow 12$$

Average turn around time  $\left\{ \begin{array}{l} 10.533 \end{array} \right.$

\_\_\_\_\_ X \_\_\_\_\_ X \_\_\_\_\_

2)



Waiting time  $\Rightarrow$

$$P_1 \Rightarrow 0$$

$$P_3 \Rightarrow 7$$

$$P_2 \Rightarrow 8.6$$

Turn-around time  $\Rightarrow$

$$P_1: 0 + 8 \Rightarrow 8$$

$$P_3: 7 + 1 \Rightarrow 8$$

$$P_2: 8.6 + 4 \Rightarrow 12.6$$

Average turn-around time  $\Rightarrow 9.53$



3)



Waiting time  $\Rightarrow$

$$P_3 \Rightarrow 1 - 1 \Rightarrow 0$$

$$P_2 \Rightarrow 2 - 0.4 \Rightarrow 1.6$$

$$P_1 \Rightarrow 6 - 0 \Rightarrow 6$$

Turn-around time  $\Rightarrow$

$$P_3 \Rightarrow 0 + 1 \Rightarrow 1$$

$$P_2 \Rightarrow 1.6 + 4 \Rightarrow 5.6$$

$$P_1 \Rightarrow 6 + 8 \Rightarrow 14$$

Average turn around time  $\Rightarrow 6.866$