1. First Come First Serve

Process	Arrival Time	Burst Time	Completion Time	Turnaround Time	Waiting Time	Response Time
P۱	3	7	(0	10-3=7	7-1=0	D
Pz	23	18	59	59-23=36	36-18=18	18
P3	34	16	75	75-34=41	41-16=25	25
P4	16	12	41	41-16=25	25-12=13	13
P5	7	19	29	29-7=22	22-19 = 3	3

Turnaround time = completion time - arrival time waiting time = Turnaround time - burst time

Aug. Waiting Time =
$$\frac{0+(8+35+13+3)}{5} = 11.8$$

2. Round Robin

Arrival Burst

P1 3
$$7-2-5$$
 V

P5 7 $19-5=14-5=9-5=4-4$ V

P4 1b $12-5=7-5=2$ V

P2 >3 $18-5=13-5=8-5=3$

P3 34 $16-5=11-5=6-5=1$

Ready Queue: PK & BK BK BK BK B P2 P3

	Completion	Turnaround	Cubiting	Response
Pi	10	(0-3=7	9	3-3 = 0
Pz	74	74-23=51		30-23=7
P 3	15	75-34=41	41-16=25	44-34 = 10
P4	56	56-16 =40	40-12=28	20-16 = 4
P 5	44	44-7=37	37-19=18	0-7=3

Aug. Turnaround Time =
$$\frac{7+51+41+40+37}{5}$$
 = 35.2
Aug. Waiting Time = $\frac{0+33+25+28+18}{5}$ = 20.8
Aug. Response Time = $\frac{0+1}{5}$ + 10 + 4+3 = 4.8

3. Shortest Job First

Process	Arrival Time	Burst Time	Completion Time	Turnaround Time	Waiting Time	Response Time
Pı	3	7	(0	10-3=7	7-1=0	9-7 = 0
Pz	23	18	75	75-23 =52	52-18=34	57-23=34
P3	34	16	57	57-34=23	23-1b=7	41-34=7
P4	•	12	28	28-16=12	12-12=0	16-16 =0
P5	7	19	41	41-7=34	34-19=15	0-1=3

Aug. Turnaround Time =
$$\frac{7+52+23+12+34}{5}$$
 = 25.6
Aug. Waiting Time = $\frac{0+34+7+0+15}{5}$ = 11.2
Aug. Response Time = $\frac{0+34+7+0+3}{5}$ = 8.8

4. Longest Job First

	Arvival Time		Completion Time	Turnaround Time	Waiting Time	Response Time
	3	_	15	75-3 =72	72-4-3=65	3-3 = 0
	23		67	67-23=44	23-0-23 =0	23-23 =0
P3	34	16	50	50-34=16	34-0-34=0	34-39=0
P4	•	12	72	72-16=56	67-1-16 =43	16-16=0
•	7	19	60	60-9=53	50-9-7=34	7-7 =0

Aug. Turnaround Time =
$$\frac{72+44+16+56+53}{5} = 48.2$$
Aug. Waiting Time =
$$\frac{65+0+0+43+34}{5} = 28.4$$
Aug. Response Time = 0