PAGE NO.:

PAGE NO.:
DATE / /

Section – E

Q. 1.

Process	Arrival time	Burst time	Respowe time	Waiting time	TAT
P_1	0	5	0	0	5
P_2	1	3	5	4	7
P_3	2	6	8	6	12
Avg			4.3	3.3	8

P_1	P_2	P_3	
0	5	8	14

Q. 2.

Process	Arrival time	Burst time	Respowe time	Waiting time	TAT
P_1	0	3	0	0	3
P_2	1	5	8	7	12
P_3	2	1	3	1	2
P_4	3	4	4	1	5
				Avg	5.5

P_1	P_3	P_4	P_2	
0	3	4	8	13

PAGE NO.:
DATE / /

Q.3.

Process	Arrival time	Burst time	Priority	Waiting time
P_1	0	6	3	0
P_2	1	4	1	5
P_3	2	7	4	10
P_4	3	2	2	7
			Avg	5.5

P_1	P_2	P_4	P_3	
0	6	10	12	19

Q.4.

Process	Arrival time	Burst time	Waiting time	TAT
P_1	0	4	6	10
P_2	1	5	8	13
P_3	2	2	2	4
P_4	3	3	7	10

P_1	P_2	P_3	P_4	P_1	P_2	P_4	P_2	
0	2	4	6	8	10	12	13	14

$$\text{Avg. TAT} = \frac{10 + 13 + 4 + 10}{4}$$

$$= 9.25$$