**6.17**

(Quantum = 10, I = Idle Task)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P1 | P1 | P1 | P1 | I | I | P2 | P2 | P3 | P3 | P2 | P2 | P4 | P4 | P4 |  | P2 |  | P3 | P3 |

10 20 30 40 50 60 70 80 90 100

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| P3 |  | P6 | P6 | P5 | P5 |

110 120 130

Turnaround Time:

P1: 20secs P2: 85secs P3: 75secs P4: 90secs P5: 130secs P6: 120secs

Waiting Time:

P1: 0secs P2: 50secs P3: 80secs P4: 60secs P5: 120secs P6: 110secs

CPU Usage Rate: 120/130 = 92% (approx.)