Question 1

1)

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

5 15 30 50

Average Turnaround: 25secs

Average Waiting Time: 12.5secs

2)

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

5 15 30 50

Average Turnaround: 25secs

Average Waiting Time: 12.5secs

3)

5 10 15 20

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

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P2 | P3 | P4 | P2 | P3 | P4 | P2 | P3 | P4 | P2 | P3 | P4 | P2 | P3 | P4 | P3 | P4 | P3 | P4 | P3 |

25 30 35 40

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P4 | P3 | P4 | P3 | P4 | P4 | P4 | P4 | P4 | P4 |

45 50

Average Turnaround: 36secs

Average Waiting Time: 23.5sec