1.

* FCFS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Proceso | Hora de llegada | Duración | Tiempo de espera | Tiempo de Finalización | Media |
| T1 | 0 | 9 | 0 | 8 | (0+5+7)/3=4 |
| T2 | 3 | 5 | 5 | 13 |
| T3 | 8 | 1 | 7 | 14 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P1 | X | X | X | X | X | X | X | X | X |  |  |  |  |  |  |  |  |  |  |
| P2 |  |  |  |  |  |  |  |  |  | X | X | X | X | X |  |  |  |  |  |
| P3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X |  |  |  |  |

* SJF (SPN)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Proceso | Hora de llegada | Duración | Tiempo de espera | Tiempo de Finalización | Media |
| T1 | 0 | 9 | 1 | 9 | (1+9+7)/3=5.6 |
| T2 | 3 | 5 | 9 | 14 |
| T3 | 8 | 1 | 7 | 8 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P1 | X | X | X | X | X | X | X | X |  | X |  |  |  |  |  |  |  |  |  |
| P2 |  |  |  |  |  |  |  |  |  |  | X | X | X | X | X |  |  |  |  |
| P3 |  |  |  |  |  |  |  |  | X |  |  |  |  |  |  |  |  |  |  |

* SRTF

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Proceso | Hora de llegada | Duración | Tiempo de espera | Tiempo de Finalización | Media |
| T1 | 0 | 9 | 0 | 8 | (0+9+7)/3=5.6 |
| T2 | 3 | 5 | 9 | 14 |
| T3 | 8 | 1 | 8 | 9 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| P1 | X | X | X | X | X | X | X | X | X |  |  |  |  |  |  |  |  |  |  |
| P2 |  |  |  |  |  |  |  |  |  |  | X | X | X | X | X |  |  |  |  |
| P3 |  |  |  |  |  |  |  |  |  | X |  |  |  |  |  |  |  |  |  |

3.

.

|  |  |  |  |
| --- | --- | --- | --- |
| **PROCESOS** | **T. DE LLEGADA** | **T. DE EJECUCIÓN** | **PRIORIDAD** |
| P1 | 0 | 5 | 2 |
| P2 | 2 | 3 | 3 |
| P3 | 3 | 4 | 1 |
| P4 | 5 | 10 | 3 |
| P5 | 7 | 6 | 2 |

a)

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| P1 | X | X | X | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | X | X |  |  |  |  |  |  |  |  |  |  |
| P3 |  |  |  |  |  | X | X | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | X | X | X | X | X | X | X | X | X |
| P5 |  |  |  |  |  |  |  |  |  | X | X | X | X | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Proceso | Hora de llegada | Duración | Tiempo de espera | Tiempo de Finalización |
| P1 | 0 | 5 | 0 | 5 |
| P2 | 2 | 3 | 12 | 18 |
| P3 | 3 | 4 | 3 | 9 |
| P4 | 5 | 10 | 14 | 28 |
| P5 | 7 | 6 | 3 | 15 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| N | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| P1 | X | X | X |  |  |  |  | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | X | X |  |  |  |  |  |  |  |  |  |  |
| P3 |  |  |  | X | X | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| P4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | X | X | X | X | X | X | X | X | X | X |
| P5 |  |  |  |  |  |  |  |  |  | X | X | X | X | X | X |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Proceso | Hora de llegada | Duración | Tiempo de espera | Tiempo de Finalización |
| P1 | 0 | 5 | 4 | 9 |
| P2 | 2 | 3 | 13 | 16 |
| P3 | 3 | 4 | 0 | 4 |
| P4 | 5 | 10 | 13 | 23 |
| P5 | 7 | 6 | 2 | 8 |