Ejercicio 10:

P1 – 10 CPU – 20 D – 30 CPU – 10 D – 20 CPU

P2 – 20 CPU – 20 D – 10 CPU – 20 D – 10 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | D | D | W | E | E | E | D | E | E | T |  |  |  |
| **P2** |  |  | E | E | D | D | W | E | D | D | E | T |  |  |
| **SO** | B | Eidle | B | B | B | B | B | B | B | B | B | Eidle | Eidle | Eidle |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

Ejercicio 11:

P1 – 40 CPU – 20 D – 30 CPU – 10 D – 10 CPU / BAJA

P2 – 30 CPU – 20 D – 30 CPU / ALTA

P3 – 10 CPU – 10 D – 20 CPU – 10 D – 10 CPU / MEDIA

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | L | L | L | E | L | L | L | L | L | L | E | D |
| **P2** |  |  | E | E | E | D | D | E | E | E | T |  |  |  |
| **P3** |  |  |  |  |  |  | E | D | L | L | E | E | D | E |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | D | E | E | E | D | E | T |  |  |  |  |  |  |  |
| **P2** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P3** | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** |  |  |  |  |  |  |  |

Ejercicio 11-B:

P1 – 40 CPU – 20 D – 30 CPU – 10 D – 10 CPU / BAJA

P2 – 30 CPU – 20 D – 30 CPU / ALTA

P3 – 10 CPU – 10 D – 20 CPU – 10 D – 10 CPU / MEDIA

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | E | E | D | D | L | L | E | E | E | D | L | L |
| **P2** |  |  | L | L | E | E | E | D | D | L | L | E | E | E |
| **P3** |  |  |  |  |  |  | L | E | WD | D | L | L | L | L |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | L | L | E | T |  |  |  |  |  |  |  |  |  |  |
| **P2** | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P3** | E | E | D | E | T |  |  |  |  |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** |  |  |  |  |  |  |  |

Ejercicio 12: SFJ COOPERATIVO

P1 – 10 CPU – 20 D – 20 CPU – 20 D – 20 CPU

P2 – 30 CPU – 10 D – 40 CPU

P3 – 30 CPU – 10 D – 20 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | D | D | L | L | E | E | D | D | L | E | E | T |  |
| **P2** |  |  | E | E | E | D | L | L | L | L | L | L | L | L |
| **P3** |  |  |  | L | L | L | L | E | E | E | D | L | E | E |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P2** | E | E | E | E | T |  |  |  |  |  |  |  |  |  |
| **P3** | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** |  |  |  |  |  |  |  |

Ejercicio 13: SFJ APROPIATIVO

P1 – 50 CPU – 20 D – 30 CPU

P2 – 30 CPU – 10 D – 20 CPU

P3 – 10 CPU – 20 D – 40 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | L | L | L | L | E | L | L | E | E | E | D | D | L |
| **P2** |  | E | L | E | E | D | E | E | T |  |  |  |  |  |
| **P3** |  |  | E | D | D | L | L | L | L | L | L | E | E | E |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | L | E | E | E | T |  |  |  |  |  |  |  |  |  |
| **P2** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P3** | E | T |  |  |  |  |  |  |  |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** |  |  |  |  |  |  |  |

Ejercicio 14: RR CUANTO DE 20

P1 – 50 CPU – 10 D – 30 CPU – 10 D – 10 CPU

P2 – 30 CPU – 10 D – 20 CPU

P3 – 60 CPU – 20 D – 20 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | L | L | E | E | L | L | L | E | D | L | L | L |
| **P2** |  | L | E | E | L | L | L | L | E | D | L | L | E | E |
| **P3** |  |  |  | L | L | L | E | E | L | L | E | E | L | L |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | L | L | E | WD | D | L | E | T |  |  |  |  |
| **P2** | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P3** | L | L | E | E | D | D | E | E | T |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** |  |  |  |  |

Ejercicio 15:

P1 – 40 CPU – 10 D – 30 CPU / BAJA

P2 – 20 CPU – 20 D – 20 CPU – 10 D – 30 CPU / BAJA

P3 – 60 CPU – 20 D – 30 CPU / ALTA

P4 – 40 CPU – 10 D – 40 CPU / ALTA

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | L | L | E | L | L | L | L | L | L | L | L | L |
| **P2** |  | L | E | E | D | D | L | L | L | L | L | L | L | L |
| **P3** |  |  |  |  |  | E | E | E | E | E | E | D | D | L |
| **P4** |  |  |  |  |  |  | L | L | L | L | L | E | E | E |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | L | L | L | L | L | L | L | L | E | D | L | E | E | L |
| **P2** | L | L | L | L | L | L | L | L | L | E | E | D | L | E |
| **P3** | L | E | E | E | T |  |  |  |  |  |  |  |  |  |
| **P4** | E | D | L | L | E | E | E | E | T |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | L | E | T |  |  |  |  |  |  |  |  |  |  |  |
| **P2** | E | L | E | T |  |  |  |  |  |  |  |  |  |  |
| **P3** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P4** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **280** | **290** | **300** |  |  |  |  |  |  |  |  |  |  |  |

Ejercicio 16:

P1 – 10 CPU – 10 D – 20 CPU – 10 D – 10 CPU

P2 – 30 CPU – 10 D – 60 CPU – 10 D – 10 CPU

P3 – 70 CPU – 20 D – 40 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E0 | D0 | L0 | E0 | E0 | D1 | L1 | L1 | E1 | T |  |  |  |  |
| **P2** | L0 | E0 | E0 | L1 | L1 | L1 | L1 | E1 | D1 | L1 | L1 | L1 | L1 | E1 |
| **P3** |  |  |  | L0 | L0 | E0 | E0 | L1 | L1 | E1 | E1 | E1 | E1 | L2 |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P2** | E1 | E1 | E1 | L2 | E2 | E2 | D2 | L2 | L2 | L2 | E2 | T |  |  |
| **P3** | L2 | L2 | L2 | E2 | D2 | D2 | E2 | E2 | E2 | E2 | T |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |

TMedioEjecución: (90 + 250 + 210) / 3 = 183,33 ms

TMedioEspera: (30 + 130 + 80) / 3 = 80 ms

Ejercicio 17-A:

TAREA A – 20 CPU – 20 D – 20 CPU

TAREA B – 30 CPU – 40 D – 20 CPU

TAREA C – 40 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | EA | EA | B | DA | DA | B | EA | EA | EB | EB | EB | B | DB | DB |
| **SO** | B | B | E/S | Idle | Idle | E/S | B | B | B | B | B | E/S | Idle | Idle |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | DB | DB | B | EB | EB | EC | EC | EC | EC | T |  |  |  |  |
| **SO** | Idle | Idle | E/S | B | B | B | B | B | B |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |

Ejercicio 17-B:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SO** | EF | EF | EF | EF | B | B | E/S |  |  | E/S |  |  | EW |  |
| **H2** |  |  |  |  | L | L | L | L | L | L | L | L | L | L |
| **H1** |  |  | L | L | L | L | L | E | E | L | L | L | L | E |
| **P** | B | B | B | B | E | E | B | D | D | B | E | E | BW | BW |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **H2** | L | L | E | E | E | B | D | D | D | D | B | E | E | B |
| **H1** | E | B | T |  |  |  |  |  |  |  |  |  |  |  |
| **P** | BW | BW | T |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **H2** | Z | Z | … |  |  |  |  |  |  |  |  |  |  |  |
| **H1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **280** | **290** | **300** | **310** | **320** | **330** | **340** | **350** | **360** | **370** | **380** | **390** | **400** | **410** |

Ejercicio 18-B:

TA – 30 CPU – 40 D – 30 CPU

TB – 20 CPU – 30 D – 20 CPU

TC – 10 CPU- 10 D – 10 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SO** | EF | B | B | B | B | B | Idle | Idle | B | B | Idle | Idle | B | B |
| **H1** |  | L | L | E | E | D | D | D | E | E | Z | Z | Z | Z |
| **P** | B | E | E | L | L | E | WD | WD | D | D | D | D | E | E |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SO** | B | EW | B | Idle | B |  |  |  |  |  |  |  |  |  |
| **H1** | Z | Z | T |  |  |  |  |  |  |  |  |  |  |  |
| **P** | E | B | E | D | E | T |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |

Ejercicio 10:

P1 – 10 CPU – 20 D – 30 CPU – 10 D – 20 CPU

P2 – 20 CPU – 20 D – 10 CPU – 20 D – 10 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | D | D | L | E | E | E | D | E | E | T |  |  |  |
| **P2** |  |  | E | E | D | D | L | E | D | D | E | T |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

Ejercicio 11:

P1 – 40 CPU – 20 D – 30 CPU – 10 D – 10 CPU / BAJA

P2 – 30 CPU – 20 D – 30 CPU / ALTA

P3 – 10 CPU – 10 D – 20 CPU – 10 D – 10 CPU / MEDIA

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | L | L | L | E | L | L | L | L | L | L | E | D |
| **P2** |  |  | E | E | E | D | D | E | E | E | T |  |  |  |
| **P3** |  |  |  |  |  |  | E | D | L | L | E | E | D | E |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | D | E | E | E | D | E | T |  |  |  |  |  |  |  |
| **P2** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P3** | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** |  |  |  |  |  |  |  |

Ejercicio 11-B:

P1 – 40 CPU – 20 D – 30 CPU – 10 D – 10 CPU / BAJA

P2 – 30 CPU – 20 D – 30 CPU / ALTA T= 20

P3 – 10 CPU – 10 D – 20 CPU – 10 D – 10 CPU / MEDIA T = 60

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | E | E | D | D | L | L | E | E | E | D | L | L |
| **P2** |  |  | L | L | E | E | E | D | D | L | L | E | E | E |
| **P3** |  |  |  |  |  |  | L | E | WD | D | L | L | L | L |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | L | L | E | T |  |  |  |  |  |  |  |  |  |  |
| **P2** | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P3** | E | E | D | E | T |  |  |  |  |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** |  |  |  |  |  |  |  |

Ejercicio 12: SFJ COOPERATIVO

P1 – 10 CPU – 20 D – 20 CPU – 20 D – 20 CPU

P2 – 30 CPU – 10 D – 40 CPU

P3 – 30 CPU – 10 D – 20 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | D | D | L | L | E | E | D | D | L | E | E | T |  |
| **P2** |  |  | E | E | E | D | L | L | L | L | L | L | L | L |
| **P3** |  |  |  | L | L | L | L | E | E | E | D | L | E | E |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| **P1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P2** | E | E | E | E | T |  |  |  |  |  |  |  |  |  |
| **P3** | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** |  |  |  |  |  |  |  |

Ejercicio 13: SFJ APROPIATIVO

P1 – 50 CPU – 20 D – 30 CPU

P2 – 30 CPU – 10 D – 20 CPU

P3 – 10 CPU – 20 D – 40 CPU

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| **P1** | E | L | L | L | L | E | L | L | E | E | E | D | D | L |
| **P2** |  | E | L | E | E | D | E | E | T |  |  |  |  |  |
| **P3** |  |  | E | D | D | L | L | L | L | L | L | E | E | E |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | L | E | E | E | T |  |  |  |  |  |  |  |  |  |
| **P2** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P3** | E | T |  |  |  |  |  |  |  |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** |  |  |  |  |  |  |  |

Ejercicio 14: RR CUANTO DE 20

P1 – 50 CPU – 10 D – 30 CPU – 10 D – 10 CPU

P2 – 30 CPU – 10 D – 20 CPU

P3 – 60 CPU – 20 D – 20 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | L | L | E | E | L | L | L | E | D | L | L | L |
| **P2** |  | L | E | E | L | L | L | L | E | D | L | L | E | E |
| **P3** |  |  |  | L | L | L | E | E | L | L | E | E | L | L |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | L | L | E | WD | D | L | E | T |  |  |  |  |
| **P2** | T |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P3** | L | L | E | E | D | D | E | E | T |  |  |  |  |  |
| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** |  |  |  |  |

Ejercicio 15:

P1 – 40 CPU – 10 D – 30 CPU / BAJA

P2 – 20 CPU – 20 D – 20 CPU – 10 D – 30 CPU / BAJA

P3 – 60 CPU – 20 D – 30 CPU / ALTA

P4 – 40 CPU – 10 D – 40 CPU / ALTA

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E | E | L | L | E | L | L | L | L | L | L | L | L | L |
| **P2** |  | L | E | E | D | D | L | L | L | L | L | L | L | L |
| **P3** |  |  |  |  |  | E | E | E | E | E | E | D | D | L |
| **P4** |  |  |  |  |  |  | L | L | L | L | L | E | E | E |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | L | L | L | L | L | L | L | L | E | D | L | E | E | L |
| **P2** | L | L | L | L | L | L | L | L | L | E | E | D | L | E |
| **P3** | L | E | E | E | T |  |  |  |  |  |  |  |  |  |
| **P4** | E | D | L | L | E | E | E | E | T |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | L | E | T |  |  |  |  |  |  |  |  |  |  |  |
| **P2** | E | L | E | T |  |  |  |  |  |  |  |  |  |  |
| **P3** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P4** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **280** | **290** | **300** |  |  |  |  |  |  |  |  |  |  |  |

Ejercicio 16:

P1 – 10 CPU – 10 D – 20 CPU – 10 D – 10 CPU

P2 – 30 CPU – 10 D – 60 CPU – 10 D – 10 CPU

P3 – 70 CPU – 20 D – 40 CPU

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | E0 | D0 | L0 | E0 | E0 | D1 | L1 | L1 | E1 | T |  |  |  |  |
| **P2** | L0 | E0 | E0 | L1 | L1 | L1 | L1 | E1 | D1 | D1 | L1 | L1 | L1 | E1 |
| **P3** |  |  |  | L0 | L0 | E0 | E0 | L1 | L1 | E1 | E1 | E1 | E1 | L2 |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P2** | E1 | E1 | E1 | L2 | E2 | E2 | D2 | L2 | L2 | L2 | E2 | T |  |  |
| **P3** | L2 | L2 | L2 | E2 | D2 | D2 | E2 | E2 | E2 | E2 | T |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |

TMedioEjecución: (90 + 250 + 210) / 3 = 183,33 ms

TMedioEspera: (30 + 130 + 80) / 3 = 80 ms

Ejercicio 17-A:

TAREA A – 20 CPU – 20 D – 20 CPU

TAREA B – 30 CPU – 40 D – 20 CPU

TAREA C – 40 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | EA | EA | E/S | DA | DA | E/S | EA | EA | EB | EB | EB | E/S | DB | DB |
| **SO** | B | B | B | I | I | B | B | B | B | B | B | B | I | I |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **P1** | DB | DB | E/S | EB | EB | EC | EC | EC | EC | T |  |  |  |  |
| **SO** | I | I | B | B | B | B | B | B | B |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |

Ejercicio 17-B:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SO** | EF | EF | EF | EF | B | B | E/S | B | B | E/S | B | B | EW | B |
| **H2** |  |  |  |  | L | L | L | L | L | L | L | L | L | L |
| **H1** |  |  |  |  | L | L | L | E | E | L | L | L | L | E |
| **P** |  |  |  |  | E | E | B | D | D | B | E | E | B | B |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| **SO** | B | EW | B | B | B | E/S | B | B | B | B | E/S | B | B | EW |
| **H2** | L | L | E | E | E | B | D | D | D | D | B | E | E | B |
| **H1** | E | B | T |  |  |  |  |  |  |  |  |  |  |  |
| **P** | B | B | T |  |  |  |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |

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| **SO** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **H2** | Z | Z | … |  |  |  |  |  |  |  |  |  |  |  |
| **H1** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **P** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **280** | **290** | **300** | **310** | **320** | **330** | **340** | **350** | **360** | **370** | **380** | **390** | **400** | **410** |

Ejercicio 18-B:

TA – 30 CPU – 40 D – 30 CPU

TB – 20 CPU – 30 D – 20 CPU

TC – 10 CPU- 10 D – 10 CPU

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SO** | EF | B | B | B | B | B | EI | EI | B | B | EI | EI | B | B |
| **H1** |  | L | L | E | E | D | D | D | E | E | Z | Z | Z | Z |
| **P** |  | E | E | L | L | E | WD | WD | D | D | D | D | E | E |
|  | **0** | **10** | **20** | **30** | **40** | **50** | **60** | **70** | **80** | **90** | **100** | **110** | **120** | **130** |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SO** | B | EW | B | EI | B |  |  |  |  |  |  |  |  |  |
| **H1** | Z | Z | T |  |  |  |  |  |  |  |  |  |  |  |
| **P** | E | B | E | D | E | T |  |  |  |  |  |  |  |  |
|  | **140** | **150** | **160** | **170** | **180** | **190** | **200** | **210** | **220** | **230** | **240** | **250** | **260** | **270** |