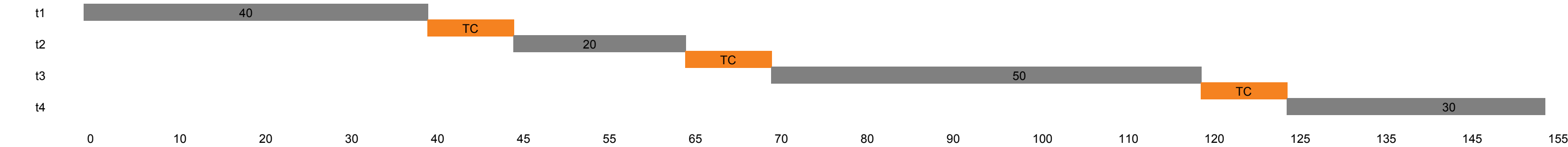


Respostas Atividade Escalonamento de Processos

01. a)

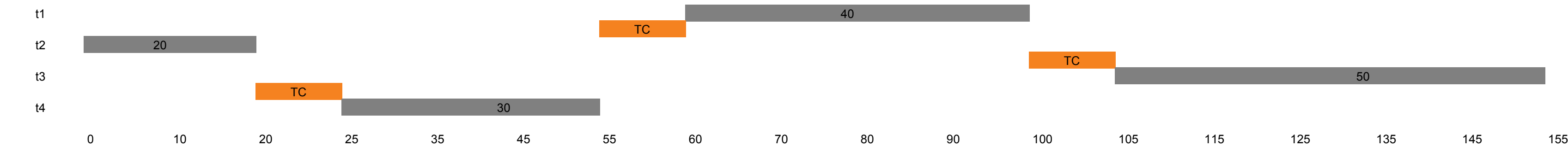
FCFS (FIFO)



T_vida(t1)	40	T_espera(t1)	0
T_vida(t2)	65	T_espera(t2)	45
T_vida(t3)	120	T_espera(t3)	70
T_vida(t4)	155	T_espera(t4)	125
Tm_vida:	95	Tm_espera:	60

01. b)

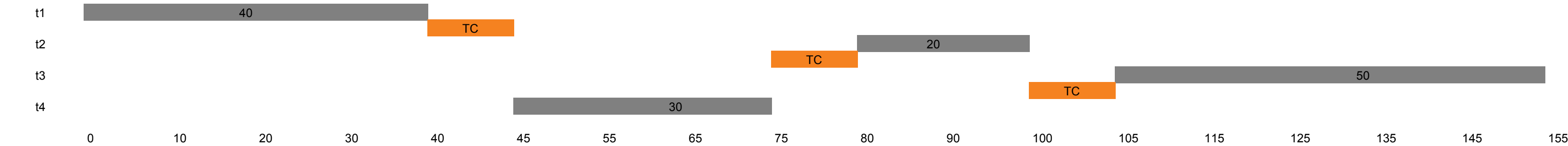
SJF



T_vida(t1)	100	T_espera(t1)	60
T_vida(t2)	20	T_espera(t2)	0
T_vida(t3)	155	T_espera(t3)	105
T_vida(t4)	55	T_espera(t4)	25
Tm_vida:	82,5	Tm_espera:	47,5

01. c) t1 – 4 t2 – 2 t3 – 1 t4 – 3

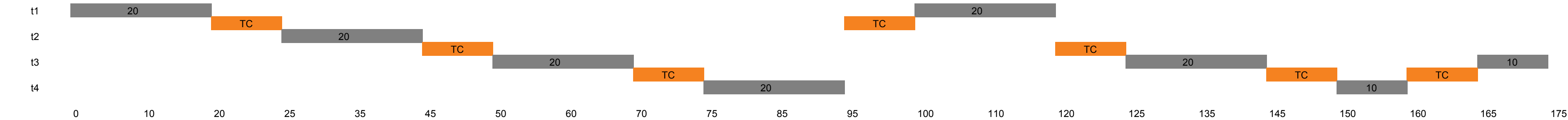
Prioridade não-preemptiva



T_vida(t1)	40	T_espera(t1)	0
T_vida(t2)	100	T_espera(t2)	80
T_vida(t3)	155	T_espera(t3)	105
T_vida(t4)	75	T_espera(t4)	45
Tm_vida:	92,5	Tm_espera:	57,5

01. d)

Circular (RR)



T_vida(t1)	120	T_espera(t1)	0+80+	80
T_vida(t2)	45	T_espera(t2)	25	25
T_vida(t3)	175	T_espera(t3)	50+55+20	125
T_vida(t4)	160	T_espera(t4)	75+55	130
Tm_vida:	125	Tm_espera:		90

01. e)

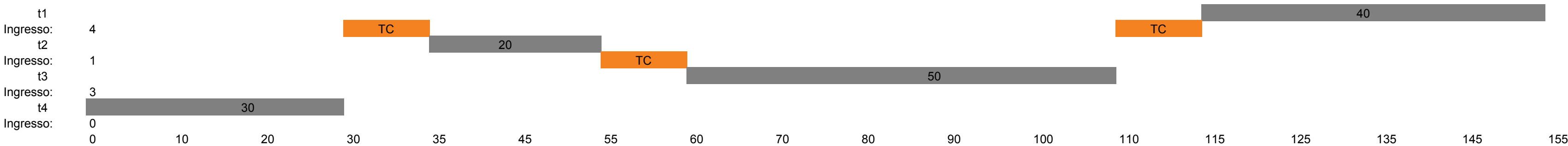
TE(t2) = 25

01. f)

P1 - Executando P2 - Pronto P3 - Pronto P4 - Pronto

02. a)

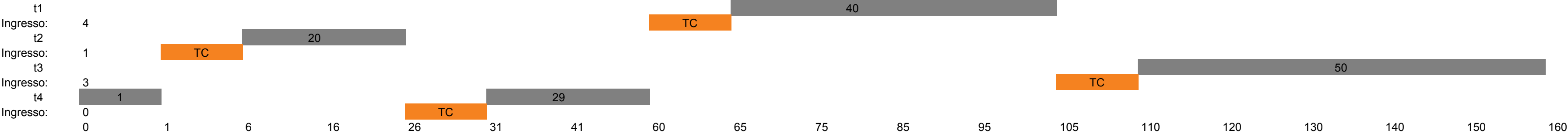
FCFS (FIFO)



T_espera(t1)	111	(115-4)	T_vida(t1)	155-4	151
T_espera(t2)	34	(35-1)	T_vida(t2)	55-1	54
T_espera(t3)	57	(60-3)	T_vida(t3)	110-3	107
T_espera(t4)	0		T_vida(t4)	30-0	30
Tm_espera:	50,5		Tm_vida:		85,5

02. b)

SJF preemptivo (SRTF)



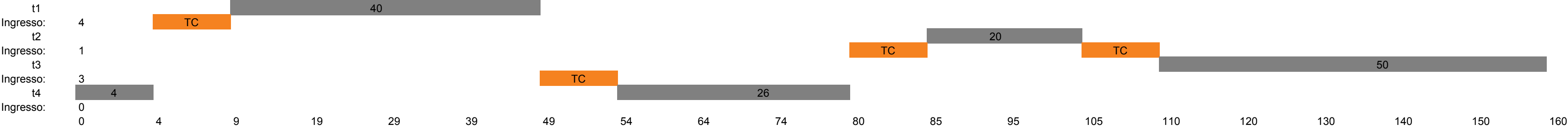
T_espera(t1) 61 (65-4)
T_espera(t2) 5 (6-1)
T_espera(t3) 107 (110-3)
T_espera(t4) 30 (31-1)

Tm_espera: 50,75

02. c)

Prioridade preemptiva

t1 – 4 t2 – 2 t3 – 1 t4 – 3

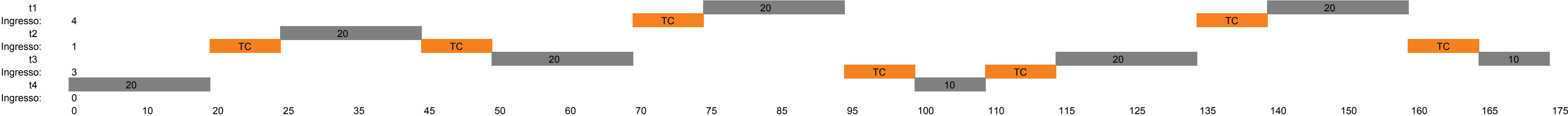


T_espera(t1) 5 (9-4)
T_espera(t2) 84 (85-1)
T_espera(t3) 107 (110-3)
T_espera(t4) 50 (54-4)

Tm_espera: 61,5

01. d)

Circular (RR)



T_espera(t1) 116 (75-4) (140-95)
T_espera(t2) 24 (25-1)

T_espera(t3) 122 (50-3) (115-70) (165-135)
T_espera(t4) 80 (100-20)

Tm_espera: 85,5

01. e)
24 (25-1)

01. f)
t1 - Pronto t2 - Pronto t3 - Pronto t4 – Executando