

Respostas 5ª Questão

01. a) e b)

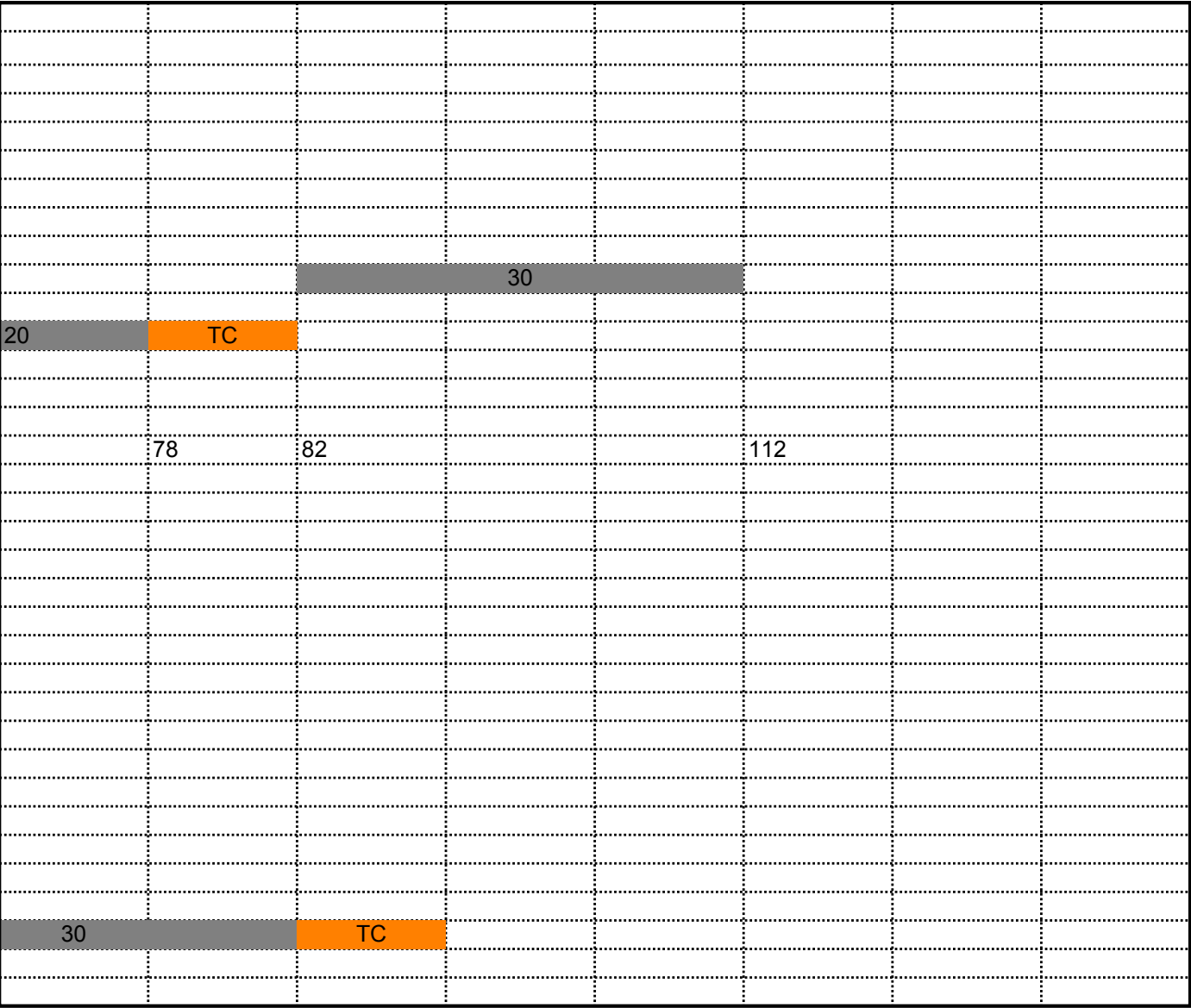
FCFS (FIFO) **SJF**

t1					10	TC	
Ingresso:	5						
t2							
Ingresso:	15						
t3							
Ingresso:	10						
t4		40		TC			
Ingresso:	0						
	0			40	44	54	58
T_vida(t1)		49	(54-5)	T_espera(t1)		39	(44-5)
T_vida(t2)		97	(112-15)	T_espera(t2)		67	(82-15)
T_vida(t3)		68	(78-10)	T_espera(t3)		48	(58-10)
T_vida(t4)		40	(40-0)	T_espera(t4)		0	
Tm_vida:		63.5		Tm_espera:		38.5	

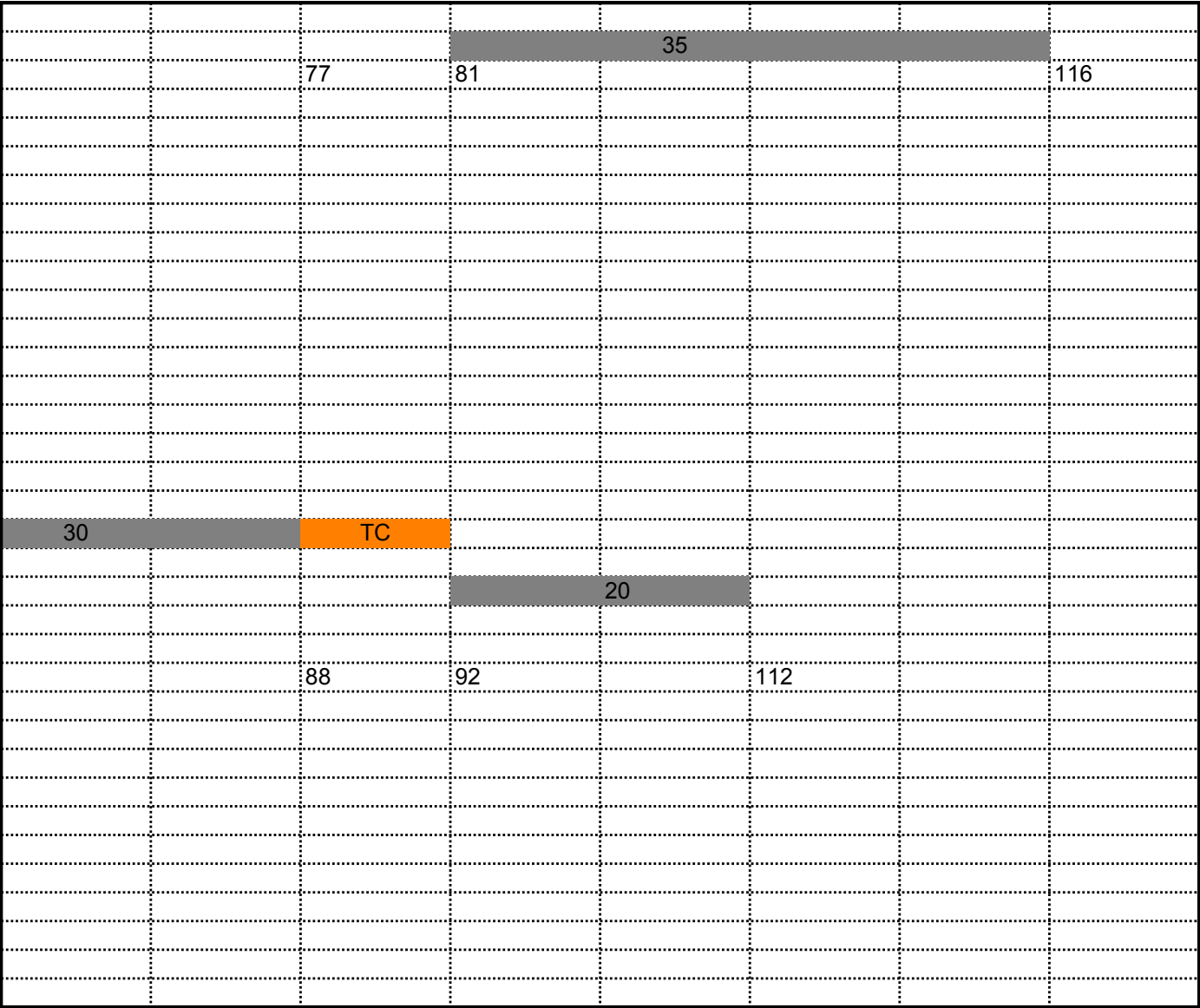
01. c)

SRTF

t1		10	TC			
Ingresso:	5					
t2						
Ingresso:	15					
t3				20	TC	



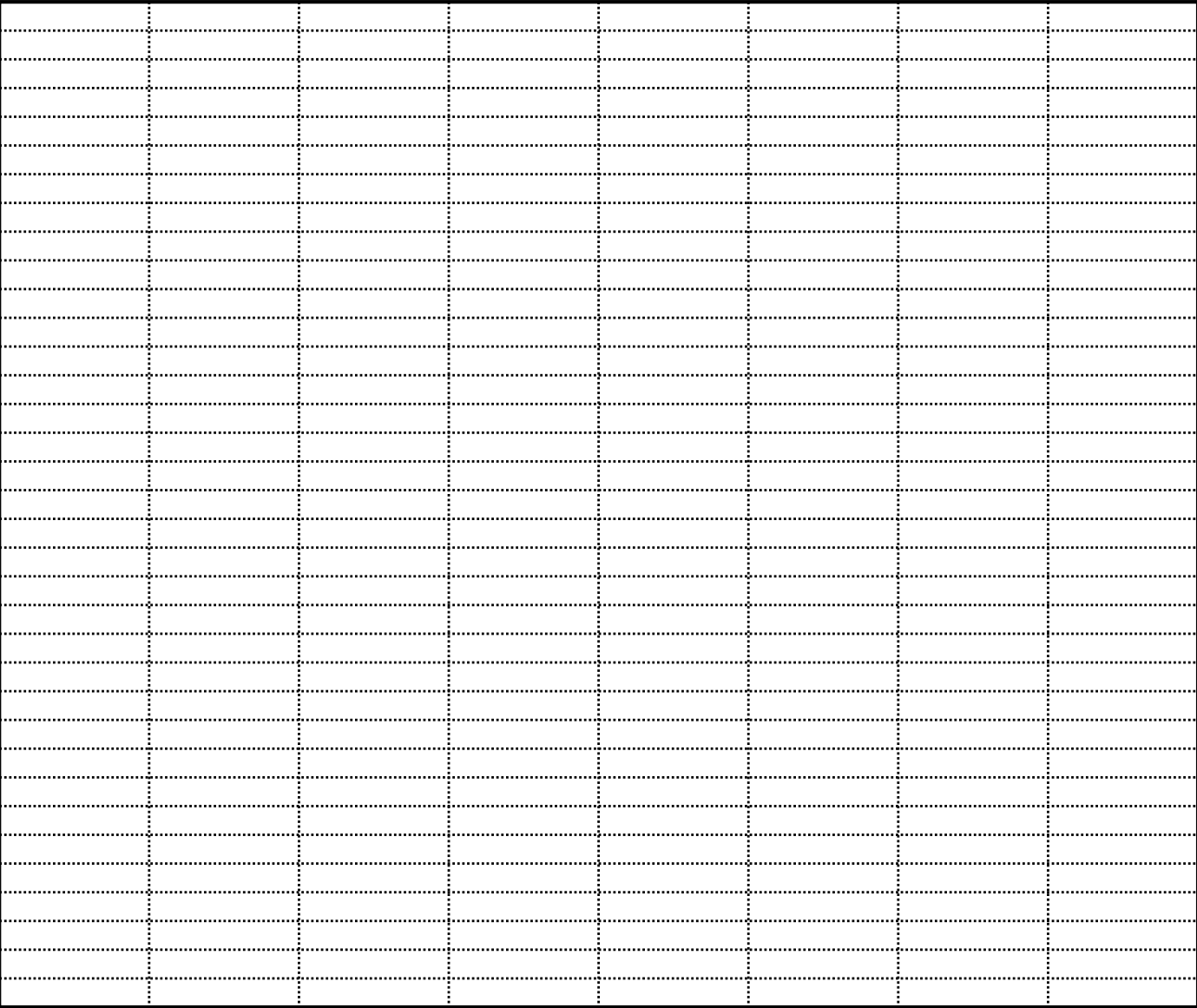
Ingresso:	10								
t4	5	TC							
Ingresso:	0	5	9	19	23		43	47	
T_vida(t1)			14	(19-5)	T_espera(t1)		4	(9-5)	
T_vida(t2)			62	(77-15)	T_espera(t2)		32	(47-15)	
T_vida(t3)			33	(43-10)	T_espera(t3)		13	(23-10)	
T_vida(t4)			116	(116-0)	T_espera(t4)		76	(0+81-5)	
Tm_vida:			56.25		Tm_espera:		31.25		
01. d)	t1 - 4	t2 - 2	t3 - 1	t4 - 3					
Prioridade									
t1						10	TC		
Ingresso:	5								
t2									
Ingresso:	15								
t3									
Ingresso:	10								
t4		40			TC				
Ingresso:	0				40	44	54	58	
	0								
T_vida(t1)			49	(54-5)	T_espera(t1)		39	(44-5)	
T_vida(t2)			73	(88-15)	T_espera(t2)		43	(58-15)	
T_vida(t3)			102	(112-10)	T_espera(t3)		82	(92-10)	
T_vida(t4)			40	(40-0)	T_espera(t4)		0		
Tm_vida:			66		Tm_espera:		41		
01. e)	t1 - 4	t2 - 2	t3 - 1	t4 - 3					

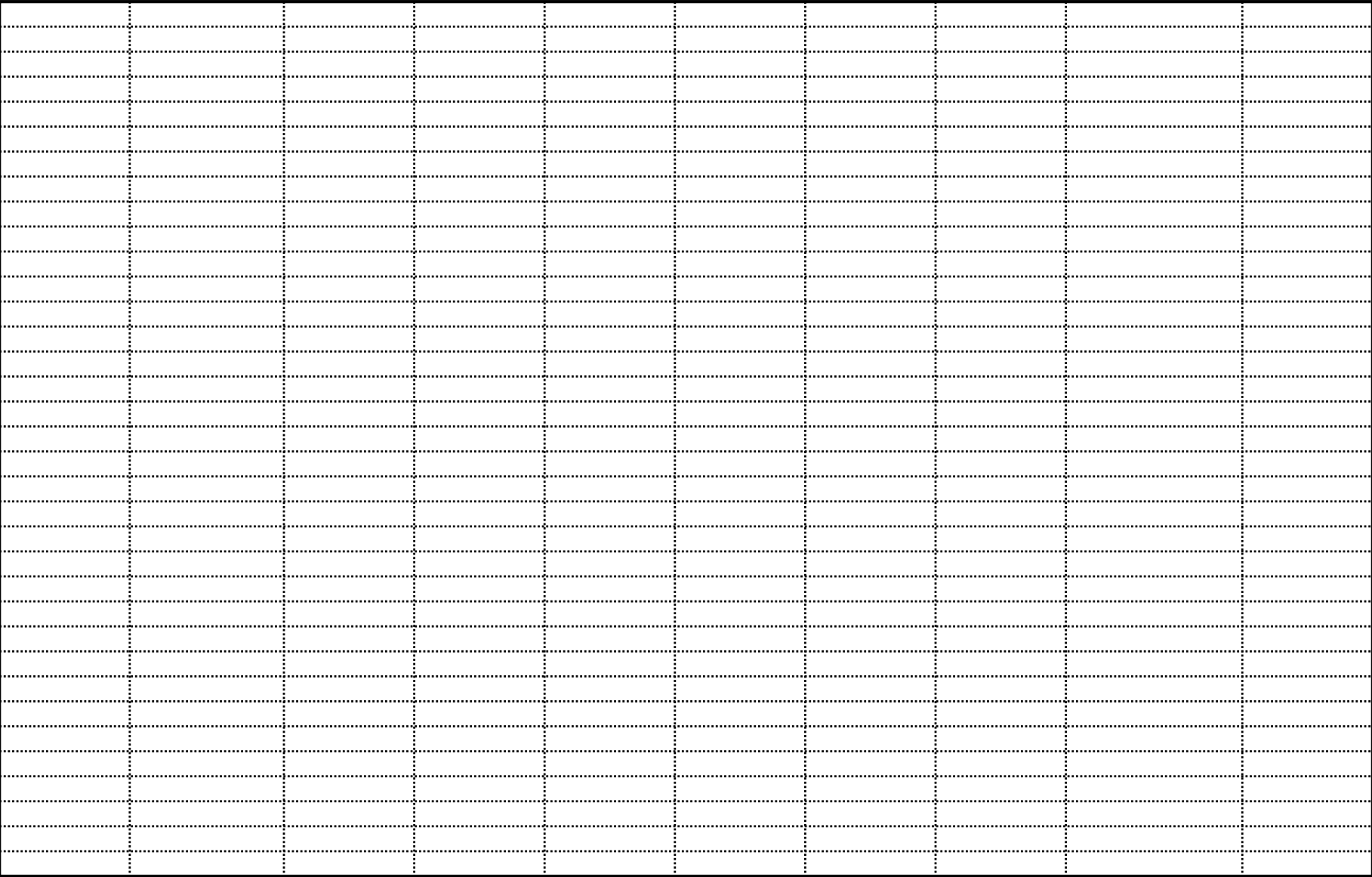


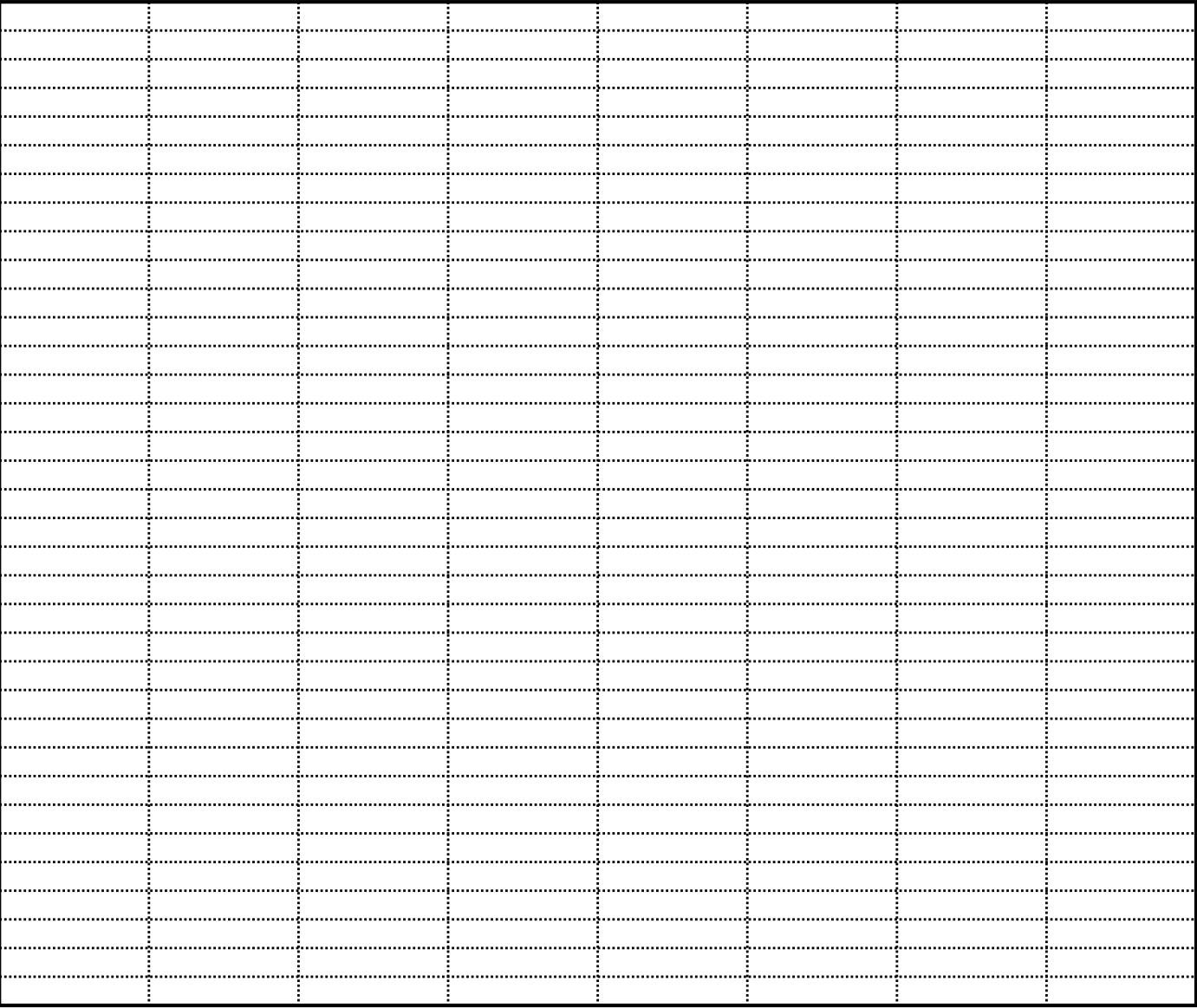
Prioridade preemptiva									
t1				10	TC				
Ingresso:	5								
t2									
Ingresso:	15								
t3									
Ingresso:	10								
t4	5	TC				35			
Ingresso:	0								
	0	5	9	19	23				
T_vida(t1)			14	(19-5)	T_espera(t1)		4	(9-5)	
T_vida(t2)			77	(92-15)	T_espera(t2)		47	(62-15)	
T_vida(t3)			106	(116-10)	T_espera(t3)		86	(96-10)	
T_vida(t4)			58	(58-0)	T_espera(t4)		18	(23-5)	
Tm_vida:			63.75		Tm_espera:		38.75		
01. f)									
RR (Circular)		Quantum = 15 u.t							
t1				10	TC				
Ingresso:	5								
t2							15	TC	
Ingresso:	15								
t3						15	TC		
Ingresso:	10								
t4	15	TC							
Ingresso:	0								
	0	15	19	29	33	48	52	67	
T_vida(t1)			24	(29-5)	T_espera(t1)		14	(19-5)	
T_vida(t2)			99	(114-15)	T_espera(t2)		69	(52-15)+(99-67)	



T_vida(t3)		85	(95-10)	T_espera(t3)	65	(33-10)+(90-48)
T_vida(t4)		128	(128-0)	T_espera(t4)	88	(71-15)+(118-86)
Tm_vida:		84		Tm_espera:	59	
01.g)	69					
01.h)	t1 – Executando	t2, t3 e t4 – Pronto				







[illegible]