

Y-Axis : 1 Unit : 10 secs

Total Time : 230 secs

Timing	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Gopher 1	l1	l2			l3				l4			l5											
Gopher 2		t1	t1	t1	u1	t2	t2	t2	t3	t3	t3	U3	t4	t4	t4	t5	t5	t5	U5				
Gopher 3		t1	t1	t1	t2	t2	t2	u2	t3	t3	t3	t4	t4	t4	U4								
Gopher 4					b3	b3	b5	b5	b8	b8	B0	b1	B1	B1	B1	b6	b6	B9	B1	B2	B2	B2	B5

Gopher 1 : Gopher 1 loads books from pile to cart (takes 10 secs)

Gopher 2 and Gopher 3 : Gopher 2,3 travels to and fro simultaneously and unloads carts too.
(takes 30sec for travelling and 10 secs for unloading).

Gopher 4 : Burn burns.

l : Load (5 at a time)

u : UnLoad

t : Trip n

b : burn book (3 at a time)

After four burn trip(b1- b4), there will be