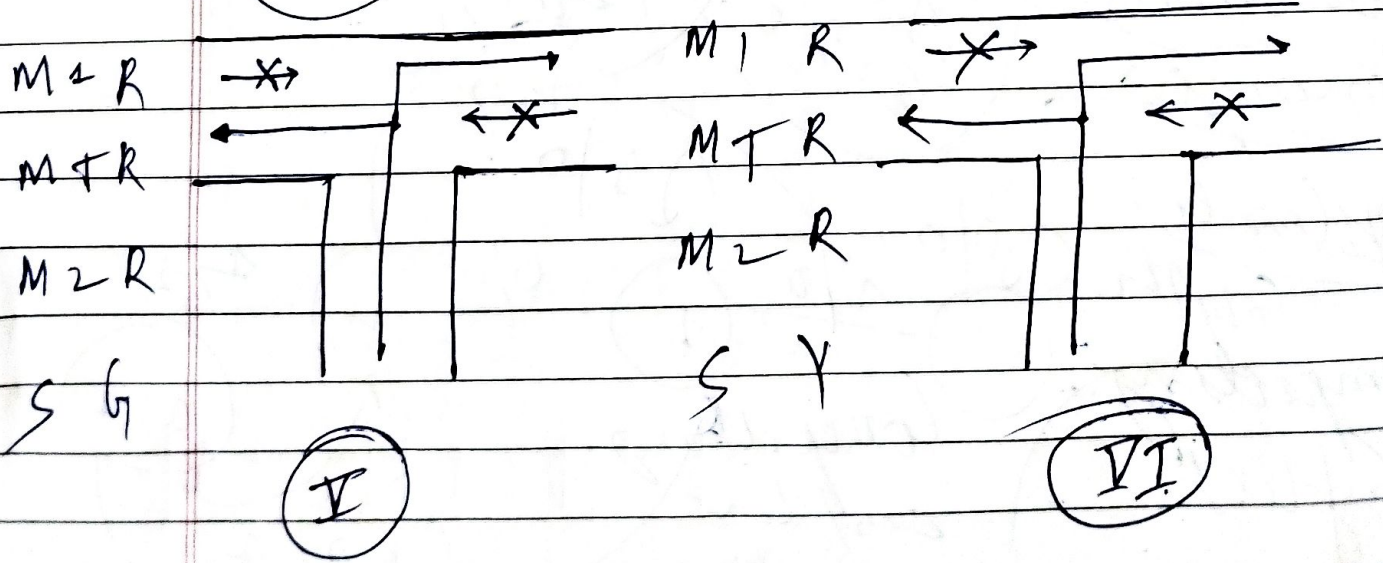
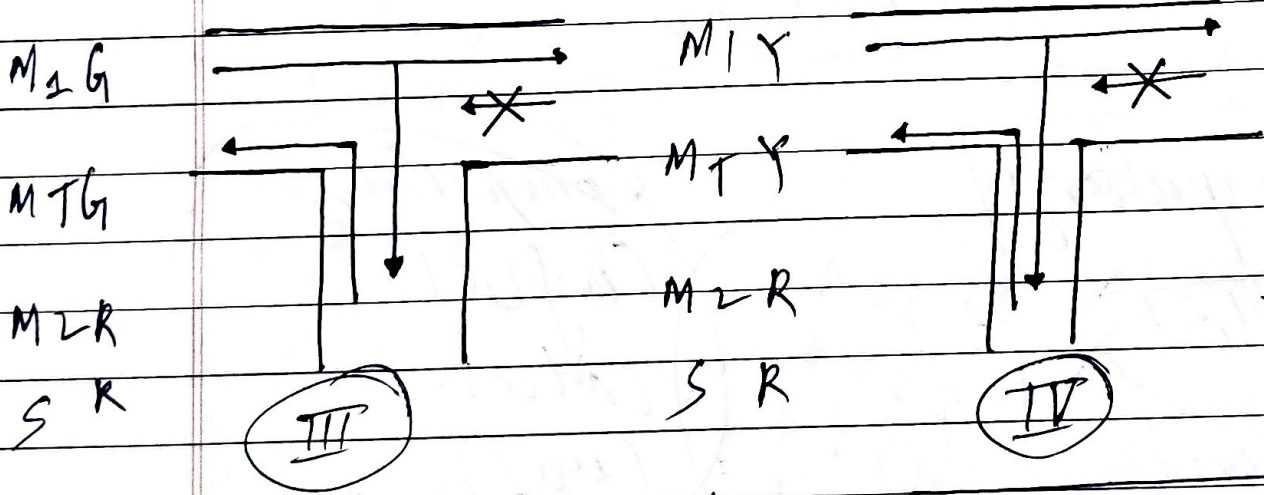
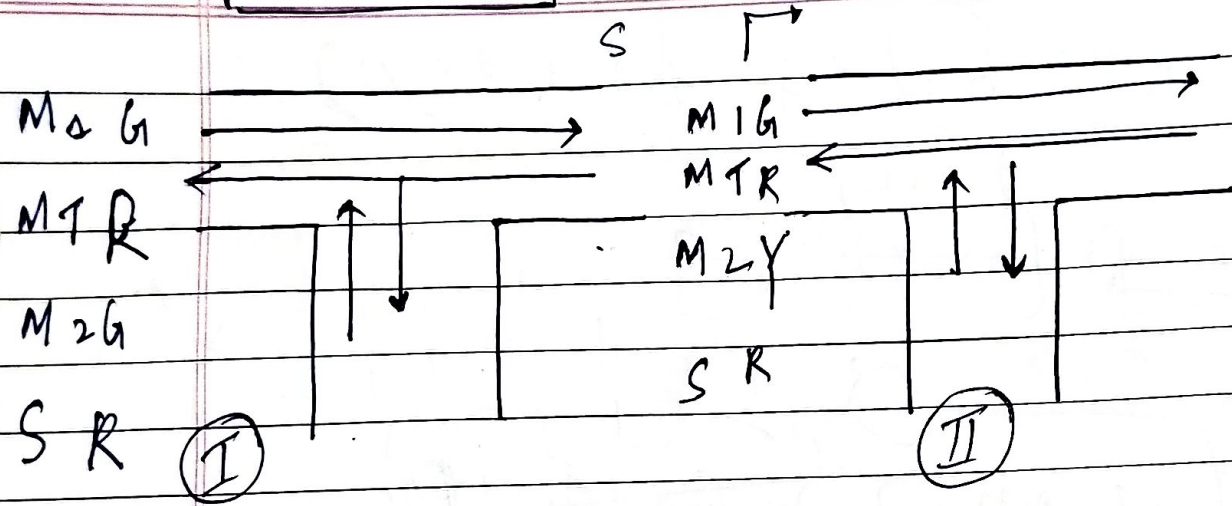


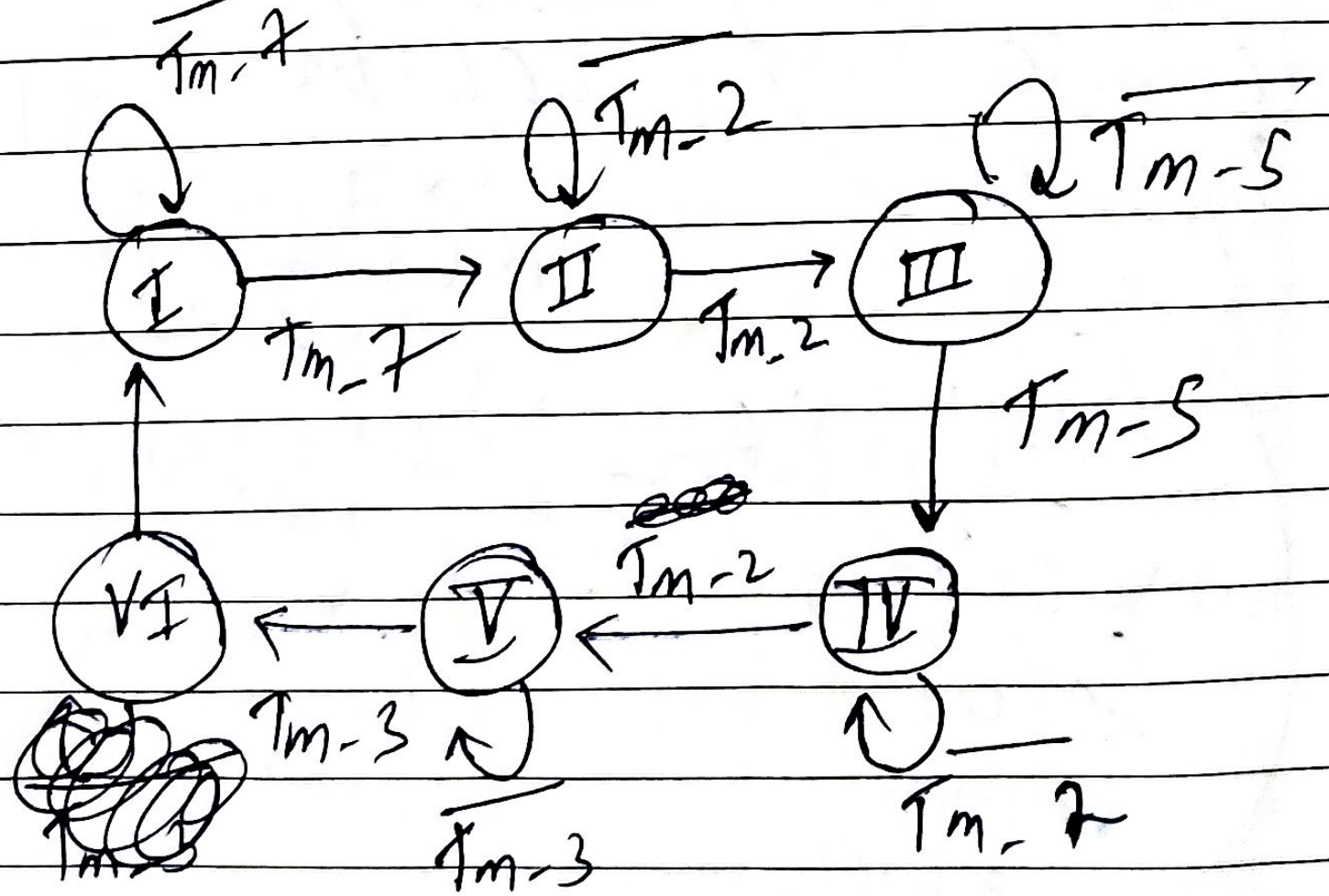
R → Red
 Y → Yellow
 G → Green

M₁ →
 M_T →
 M₂ ←

Classmate
 Date _____
 Page _____



$T_{m-7} = 7 \text{ secs}$
 $T_{m-5} = 5 \text{ secs}$
 $T_{m-2} = 2 \text{ secs}$
 $T_{m-3} = 3 \text{ secs}$



* State - Table \rightarrow

classmate
Date _____
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Present State	Input	Next State	M ₁ RYG	M ₂ RYG	M _T RYG	S RYG
0 0 1	$\overline{T_m-7}$	0 0 1	0 0 1	0 0 1	1 0 0	1 0 0
0 0 1	T_m-7	0 1 0	0 0 1	0 0 1	1 0 0	1 0 0
0 1 0	$\overline{T_m-2}$	0 1 0	0 0 1	0 1 0	1 0 0	1 0 0
0 1 0	T_m-2	0 1 1	0 0 1	0 1 0	1 0 0	1 0 0
0 1 1	$\overline{T_m-5}$	0 1 1	0 0 1	1 0 0	0 0 1	1 0 0
0 1 1	T_m-5	1 0 0	0 0 1	1 0 0	0 0 1	1 0 0
1 0 0	$\overline{T_m-2}$	1 0 0	0 1 0	1 0 0	0 1 0	1 0 0
1 0 0	T_m-2	1 0 1	0 1 0	1 0 0	0 1 0	1 0 0
1 0 1	$\overline{T_m-3}$	1 0 1	1 0 0	1 0 0	1 0 0	0 0 1
1 0 1	T_m-3	1 1 0	1 0 0	1 0 0	1 0 0	0 0 1
1 1 0	$\overline{T_m-2}$	1 1 0	1 0 0	1 0 0	1 0 0	0 1 0
1 1 0	T_m-2	0 0 1	1 0 0	1 0 0	1 0 0	0 1 0