

Date: _____

MUHAMMAD UMAIR

12093

SCD - LAB

BSSE-5 (M)

PETRI-NETS

LAB-10

Task 2

Construct Petri-Nets for
Online examination system

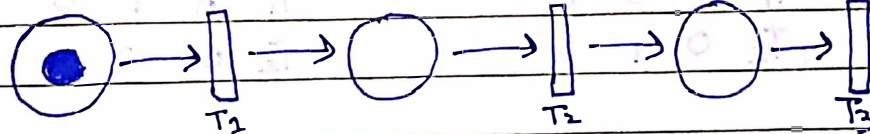
Hint: Total time = 3hrs
Place token after 1 hr

Login

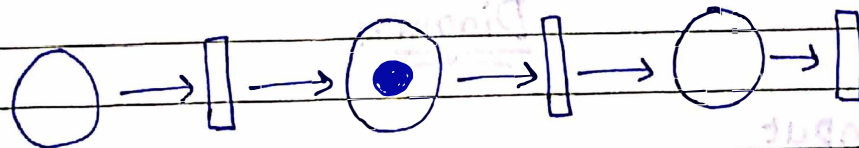
Start Exam

End Exam

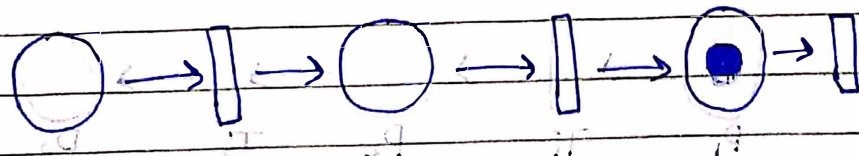
1st hr



2nd hr



3rd hr



Date: _____

Input				Output				
	P ₁	P ₂	P ₃		P ₁	P ₂	P ₃	
T ₁	1	0	0		T ₁	1	0	0
T ₂	0	1	0		T ₂	0	1	0
T ₃	0	0	1		T ₃	0	0	1

Task 2

Construct the petri-nets for online exams system via using input & output matrices (Given)

Question 1

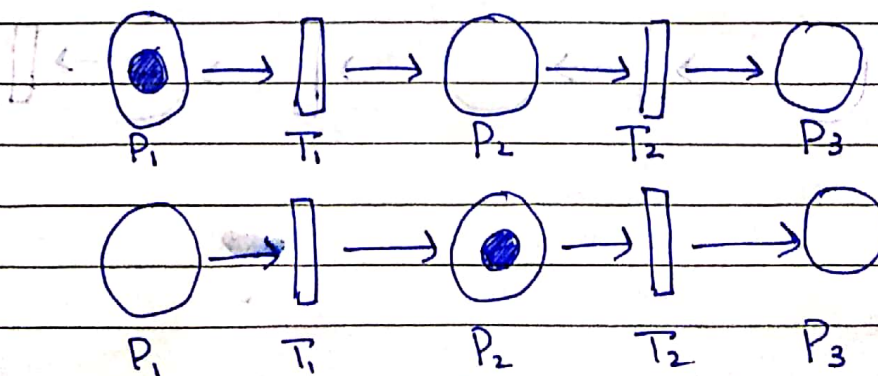
Input

Output

	P_1	P_2	P_3			P_1	P_2	P_3
T_1	1	0	0		T_1	0	1	0
T_2	0	1	0		T_2	0	0	1

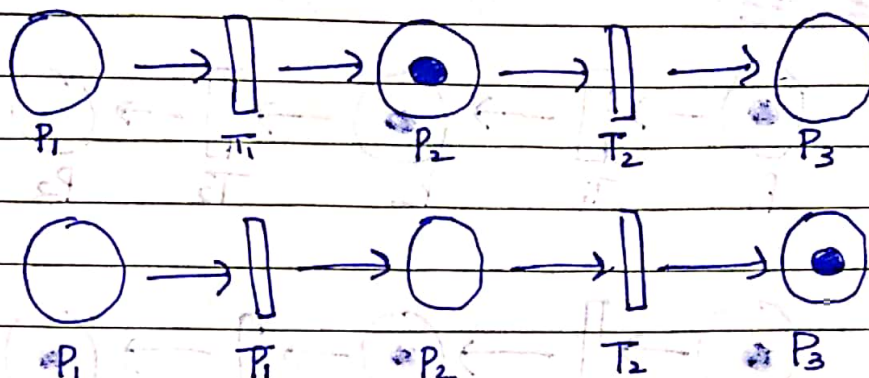
Diagram

Input



Date: _____

Output



Question 2

Input

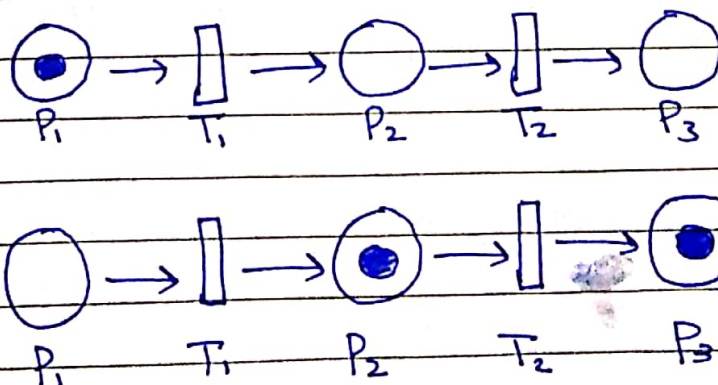
	P_1	P_2	P_3
T_1	1	0	0
T_2	0	1	1

Output

	P_1	P_2	P_3
T_1	1	1	0
T_2	1	1	1

Diagrams

Input



Date: _____

Output

