

EE227 – Digital Logic Design

Assignment 7

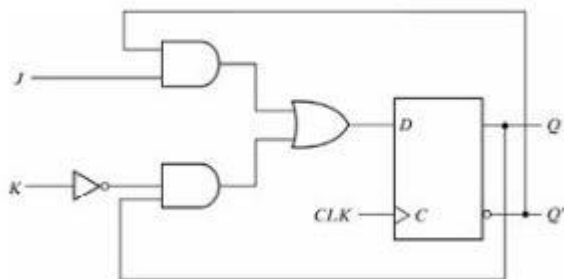
Spring 2020

Instructor Name: Engr. Amir Zahoor

Instructions for Submission:

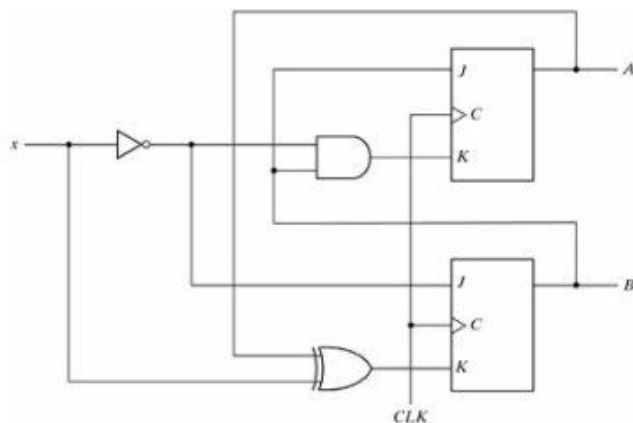
- .
- Partially or fully **copied assignments** will be marked as **zero**.
- You should submit only one PDF document and all text should be hand written. Equations, figures can only be hand written (all figures/equations can be pasted as images inside that document).
- Only **handwritten** solution.
- Late submissions are not allowed.
- Viva of any student can be conducted by the instructor after conducting an online exam in case of any doubt.
- You can submit your assignment **during Google Classroom only**.

Question Number 1

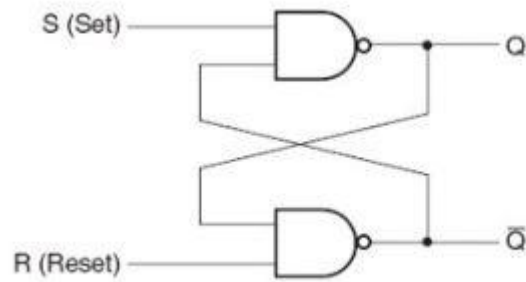


Analyze the circuit and complete the function table. Determine state table and state equations.

Question Number 2

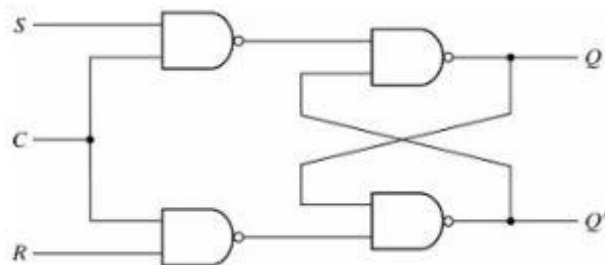


Analyze the circuit and complete the function table. Determine state table, state equations and state diagram.

Question Number 3

Analysis the circuit and mention the next states of Q in the given table.

C	D	Next state of Q
0	X	
1	0	
1	1	

Question Number 4

Analysis the circuit and mention the next states of Q in the given table.

C	D	Next state of Q
0	X	
1	0	
1	1	

Good Luck