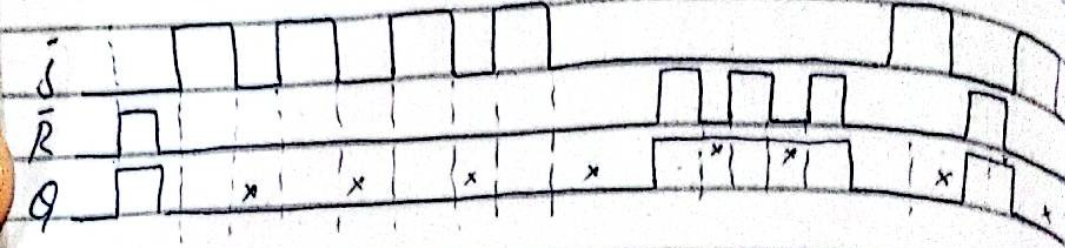


DLD Assignment #3

Name: Yash Raj

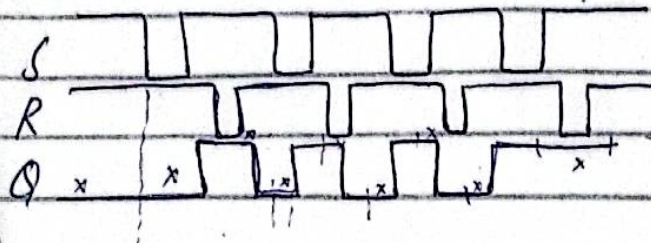
Roll no: 24K0737

Question #1:

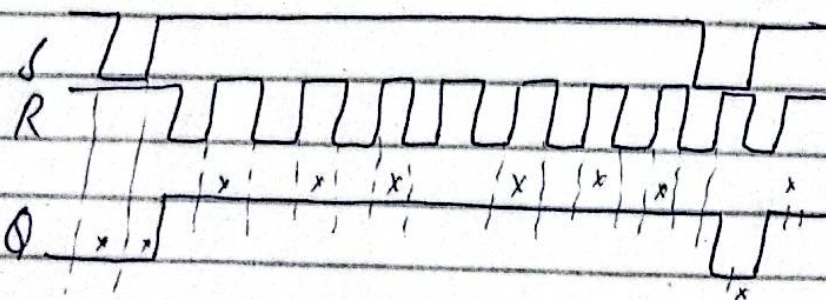


x → shows invalid.

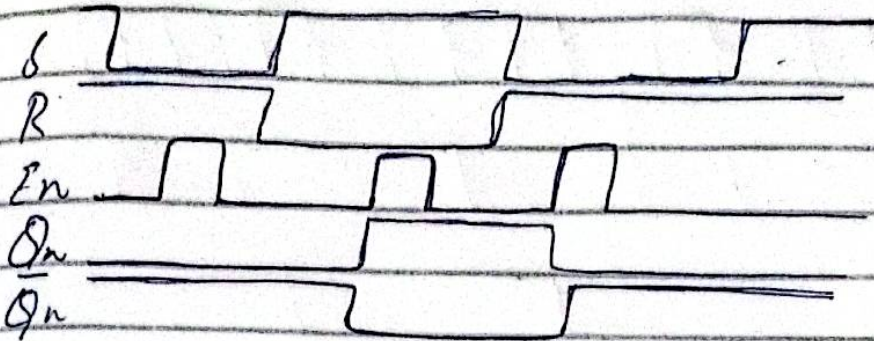
Question #2:



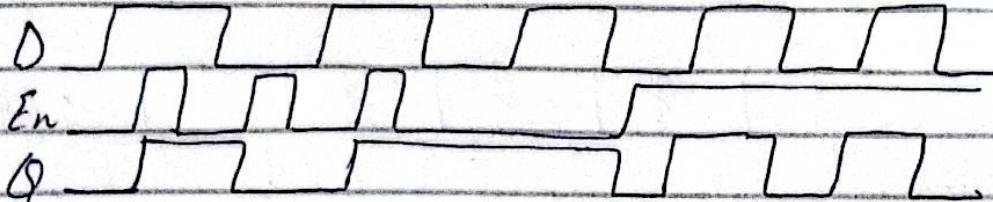
Question #3:



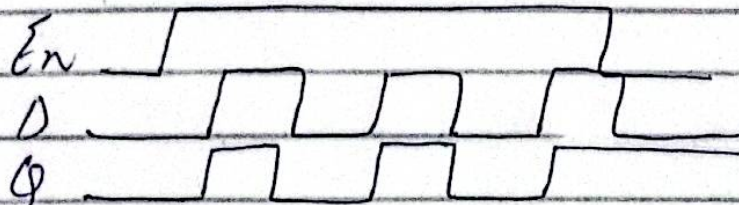
Question #4:



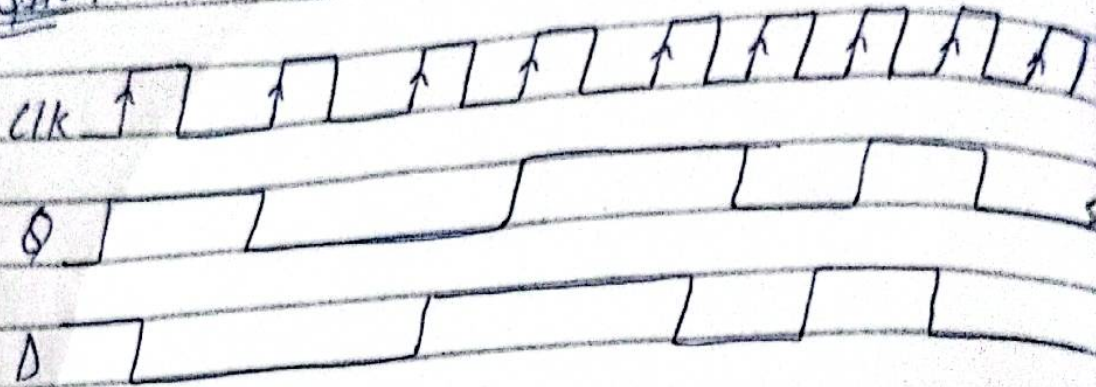
Question #5 part (A):-



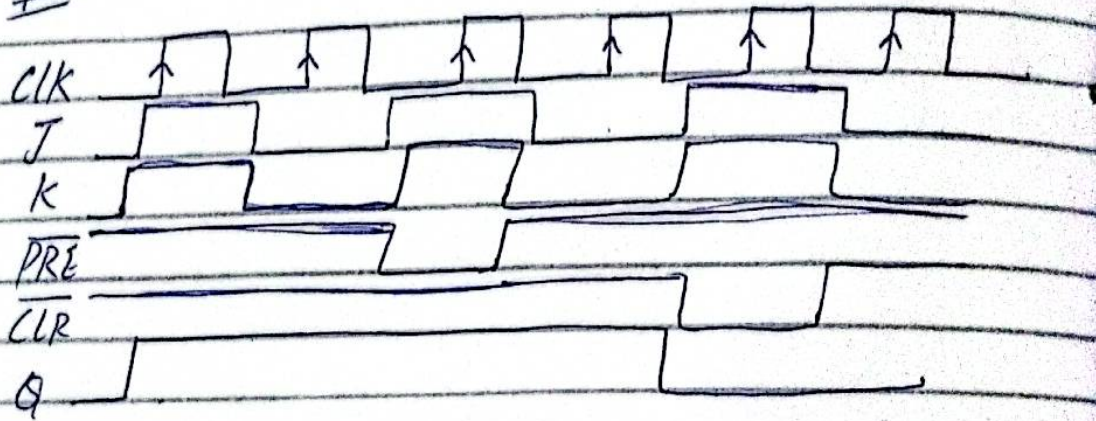
part (B):-



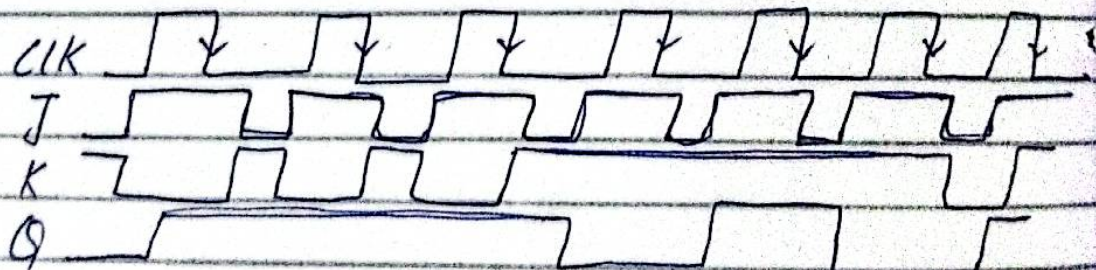
Q#6:-



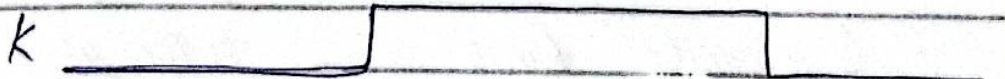
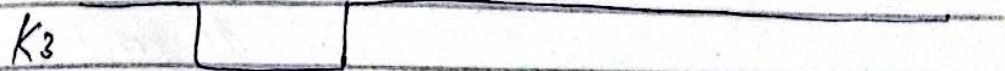
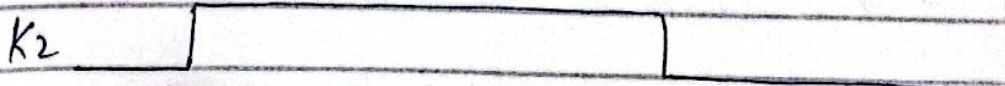
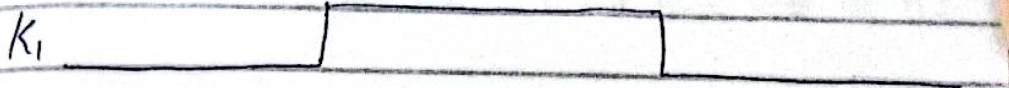
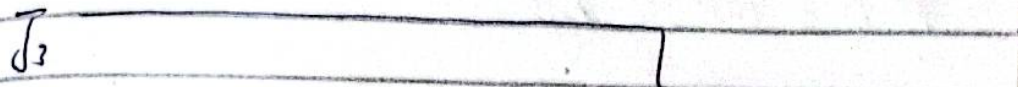
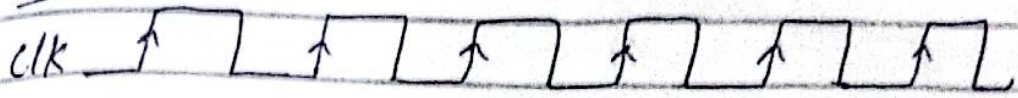
Q#7:-



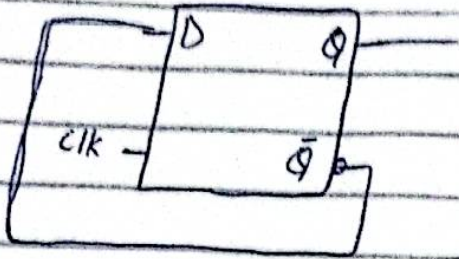
Question #8:-



Question #9.



Question #10:

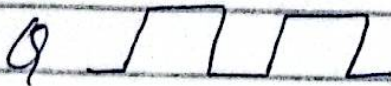


If Q is initially high:



⇒ If this D do
toggle. It just
work like
toggle flipflop
like D

If Q is initially low so:



it connected
with Q.