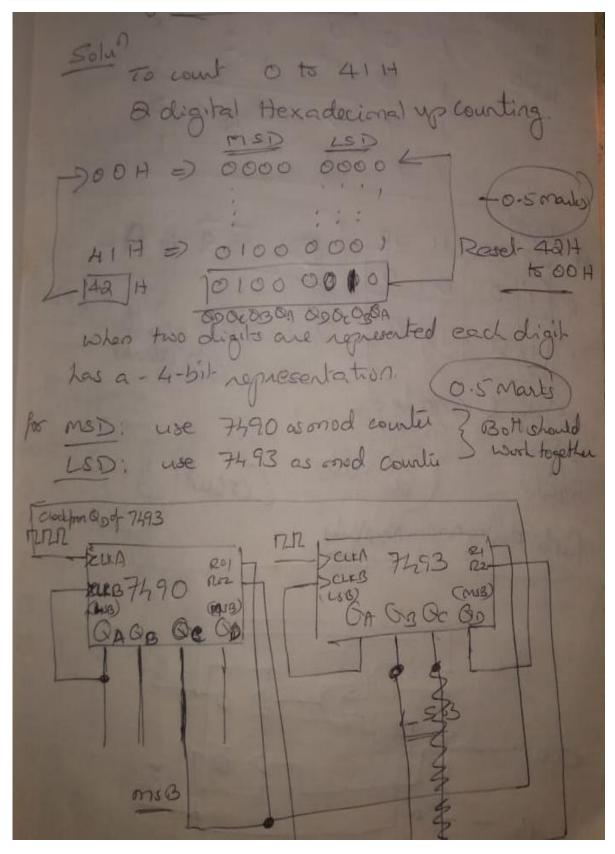
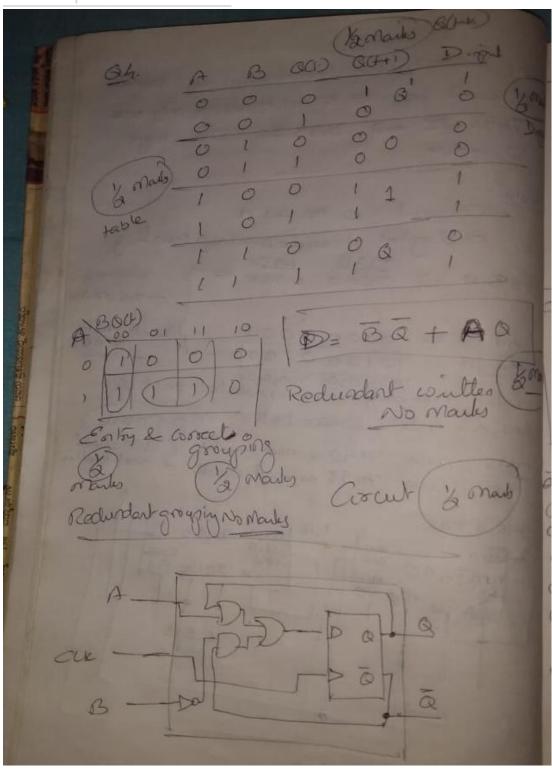
Q2. Construct a hexadecimal up counter to count from 0 to 41H using only one 7490 IC and one 7493 IC. Draw the logic diagram.. 3 Marks



Q4. Function table defines the working of a fictious AB flip flop. Design the AB flip flop using D flip flop and external gates.

3 Marks

Α	В	Q(t+1)	
0	0	Q'	A Q
0	1	0	— в
1	0	1	—>Clk
1	1	Q	CIK



Q5. Design a JK flip flop using a basic NOR latch and gates

