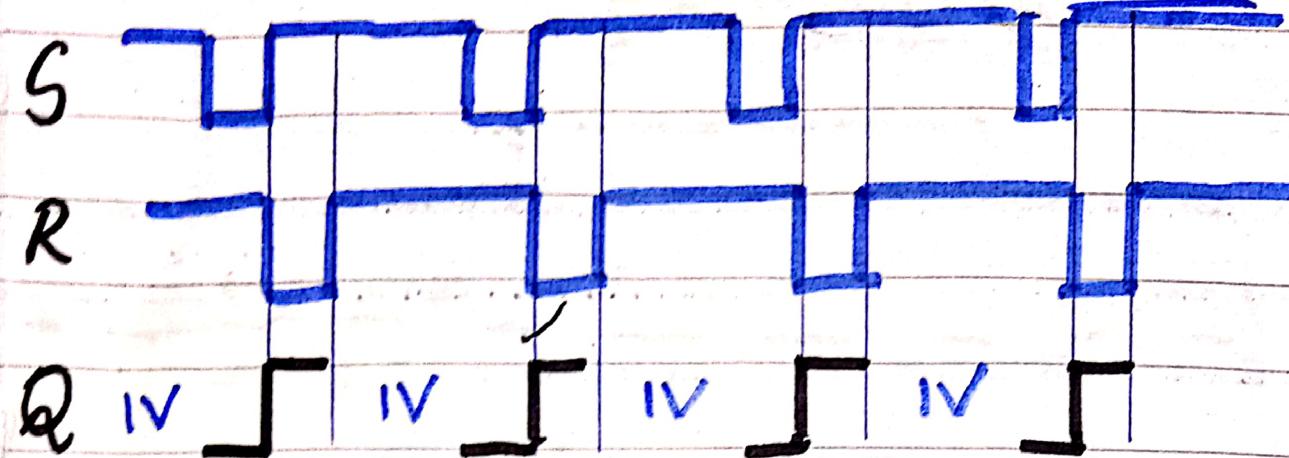


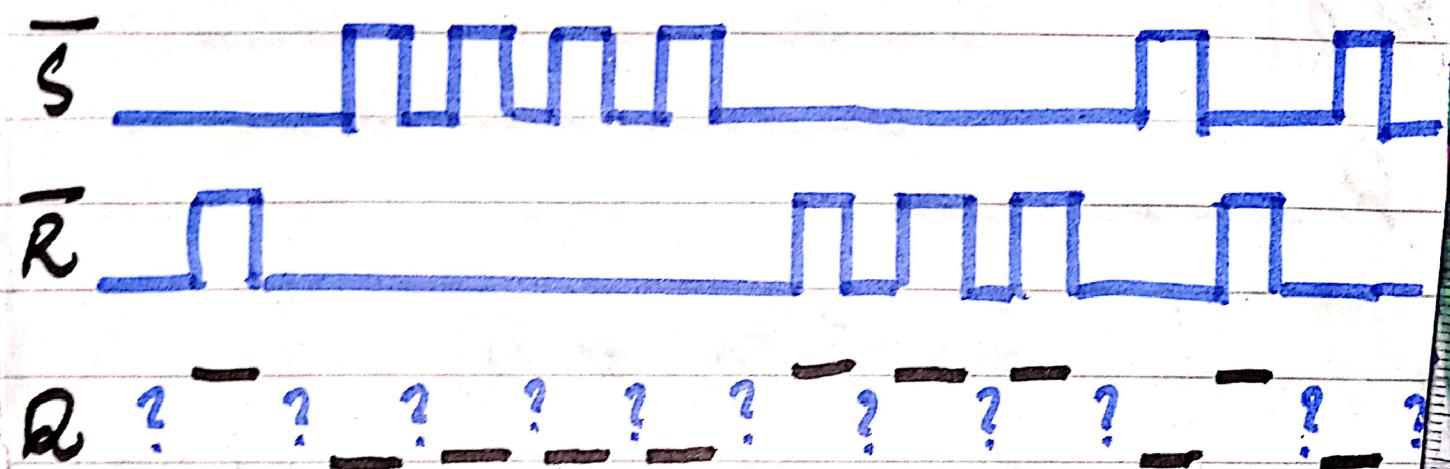
ASSIGNMENT 7

Q.1

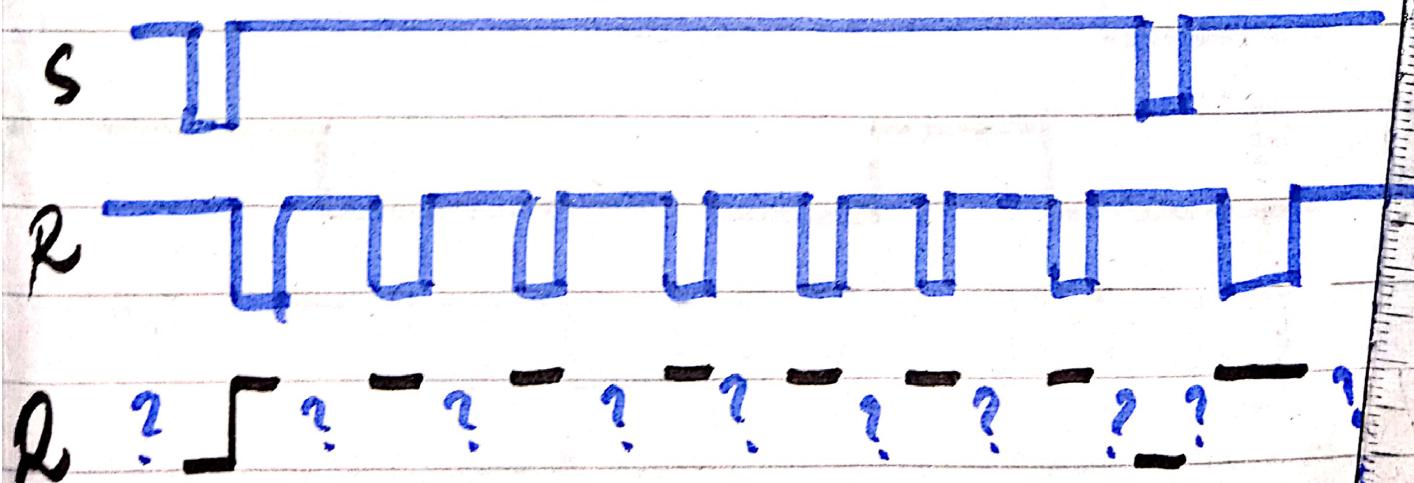


Question # 2

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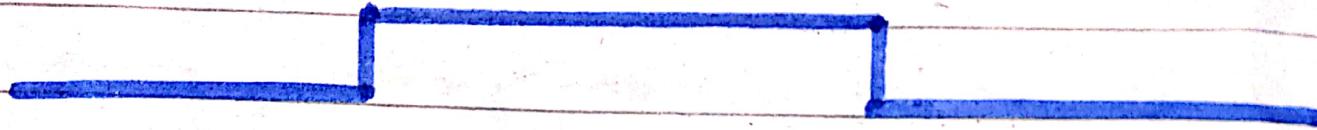


Question # 3



Question #4

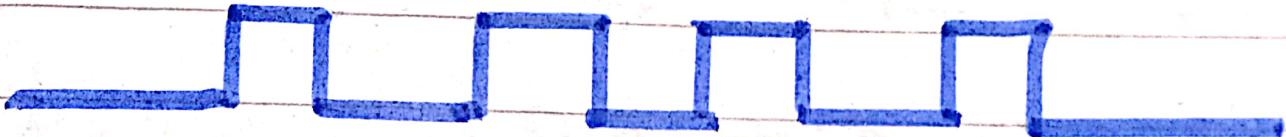
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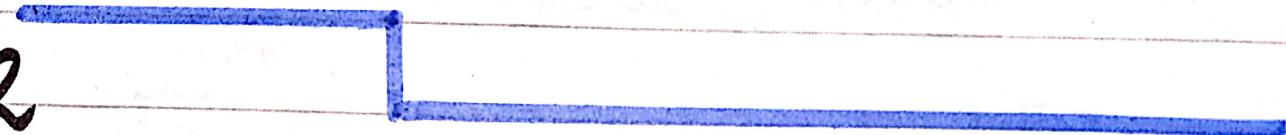
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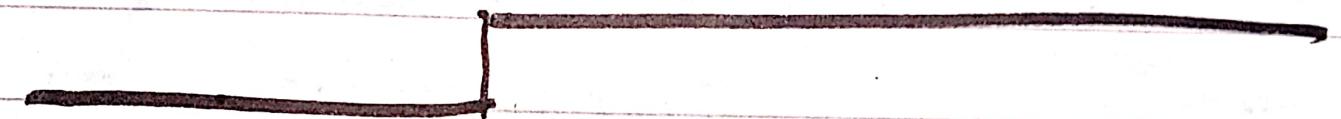
EN



ER

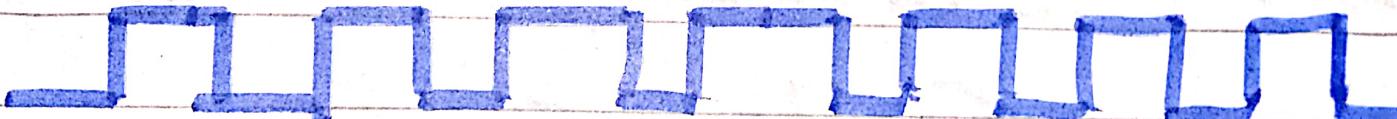


Q

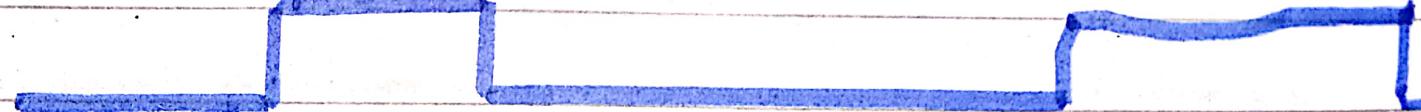


Question #5

EN



D

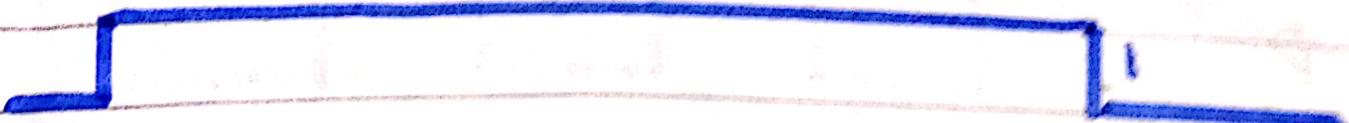


Q



Question # 6

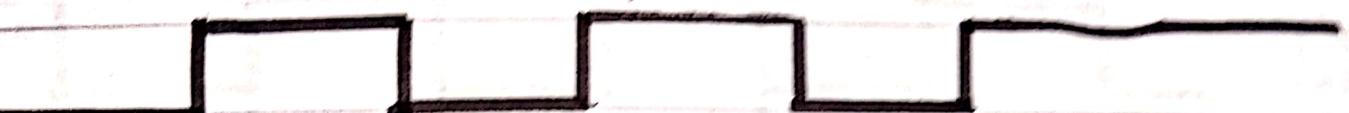
EN



D

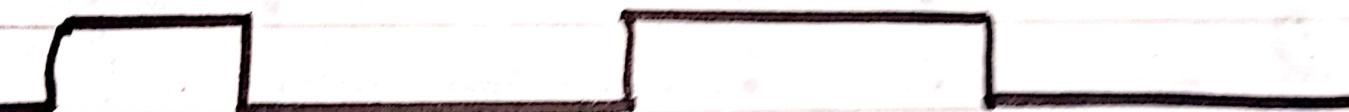


Q



Question # 9

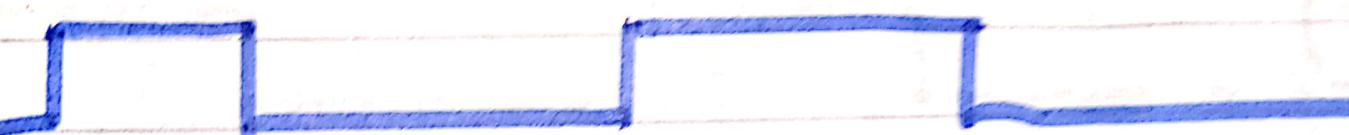
D



CLK



Q

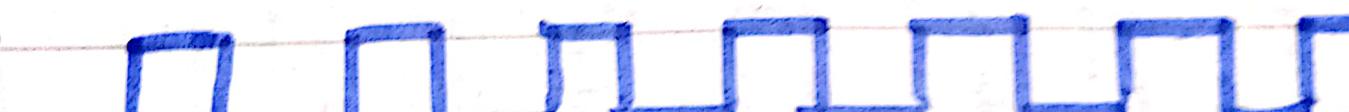


Question # 10

D



CLK

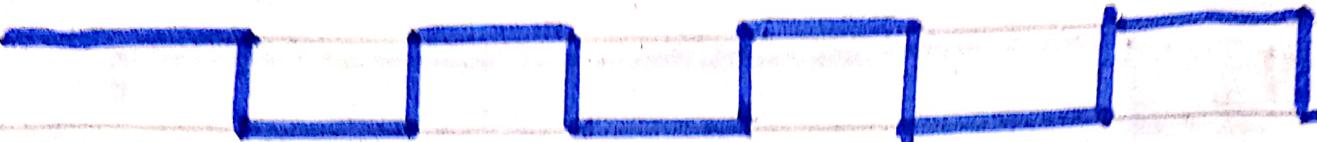


Q



Question # 11

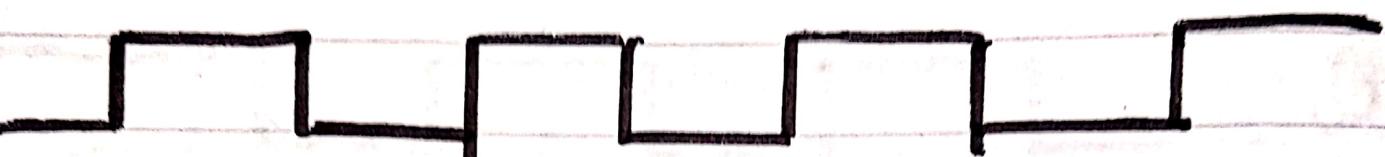
D



CLK



Q



Question # 12

D



CLR

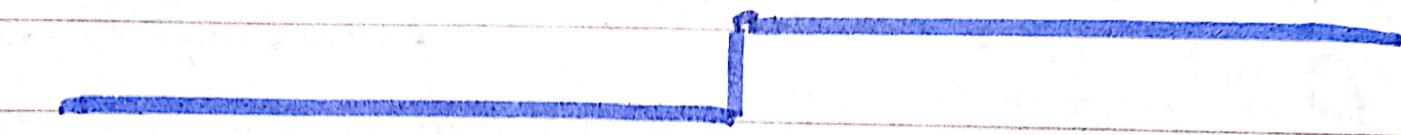


Q



Question # 13

D



CLK

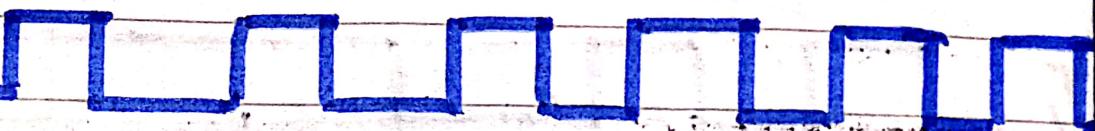


Q

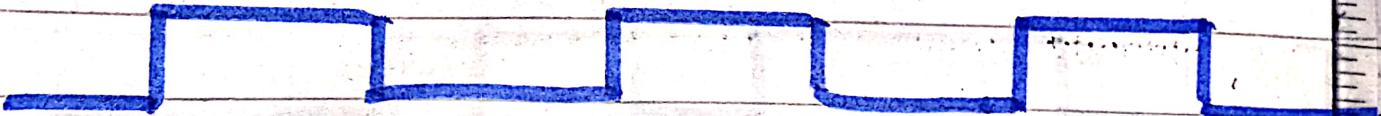


Question # 14

CLK



J



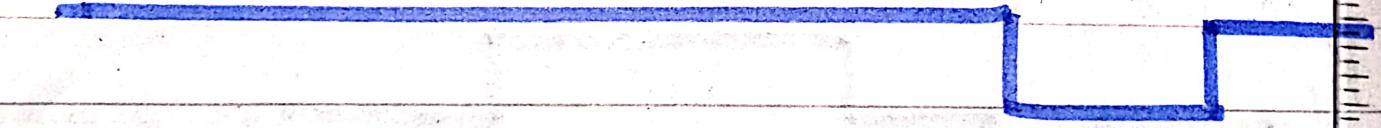
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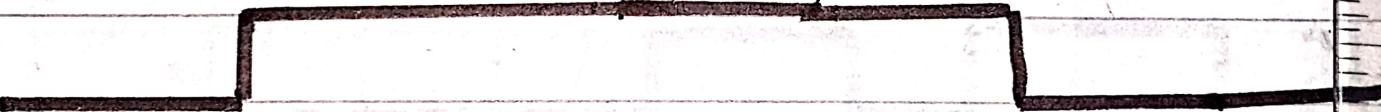
\overline{PRE}



\overline{CLR}



Q



Question # 15

CLK



J



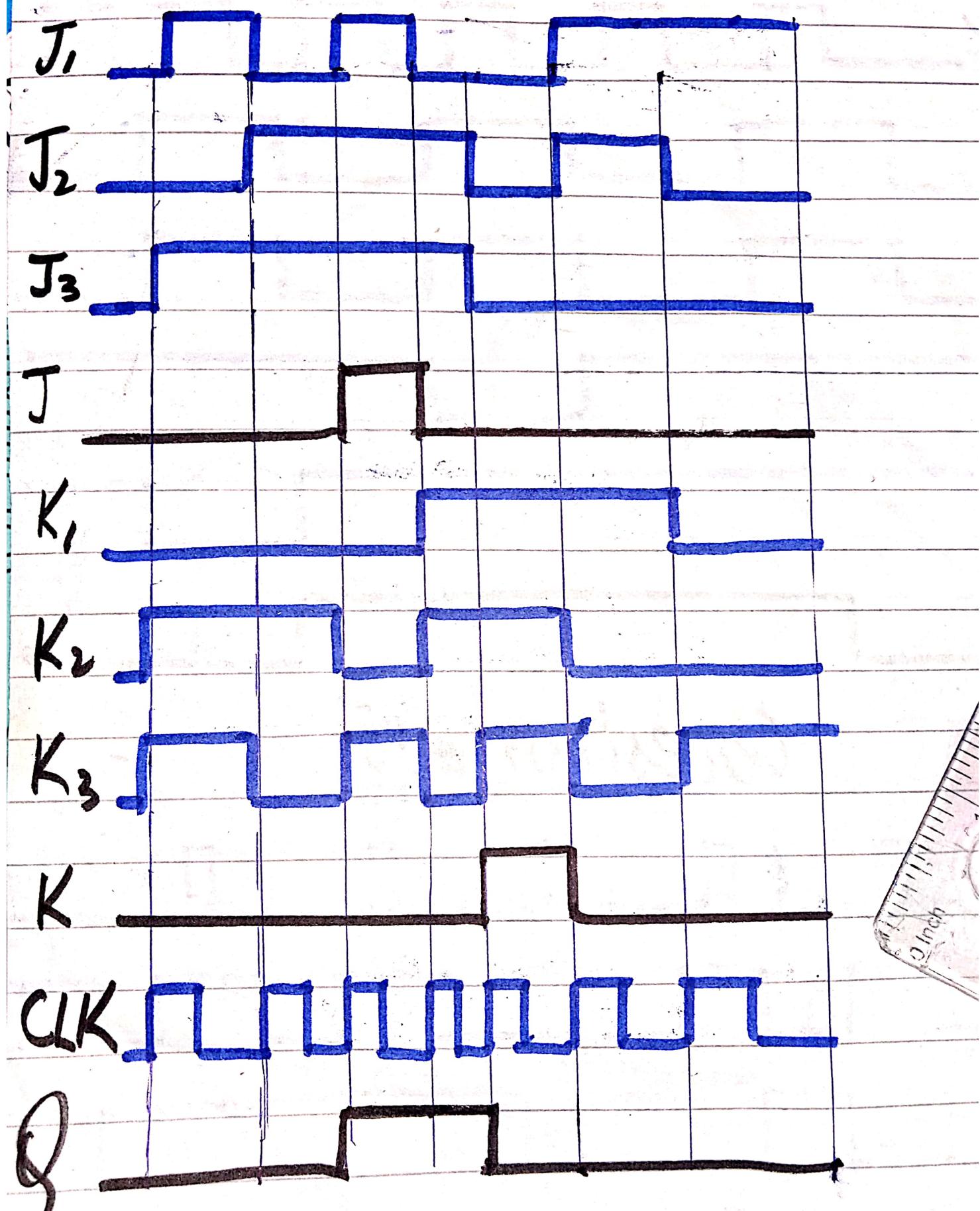
K



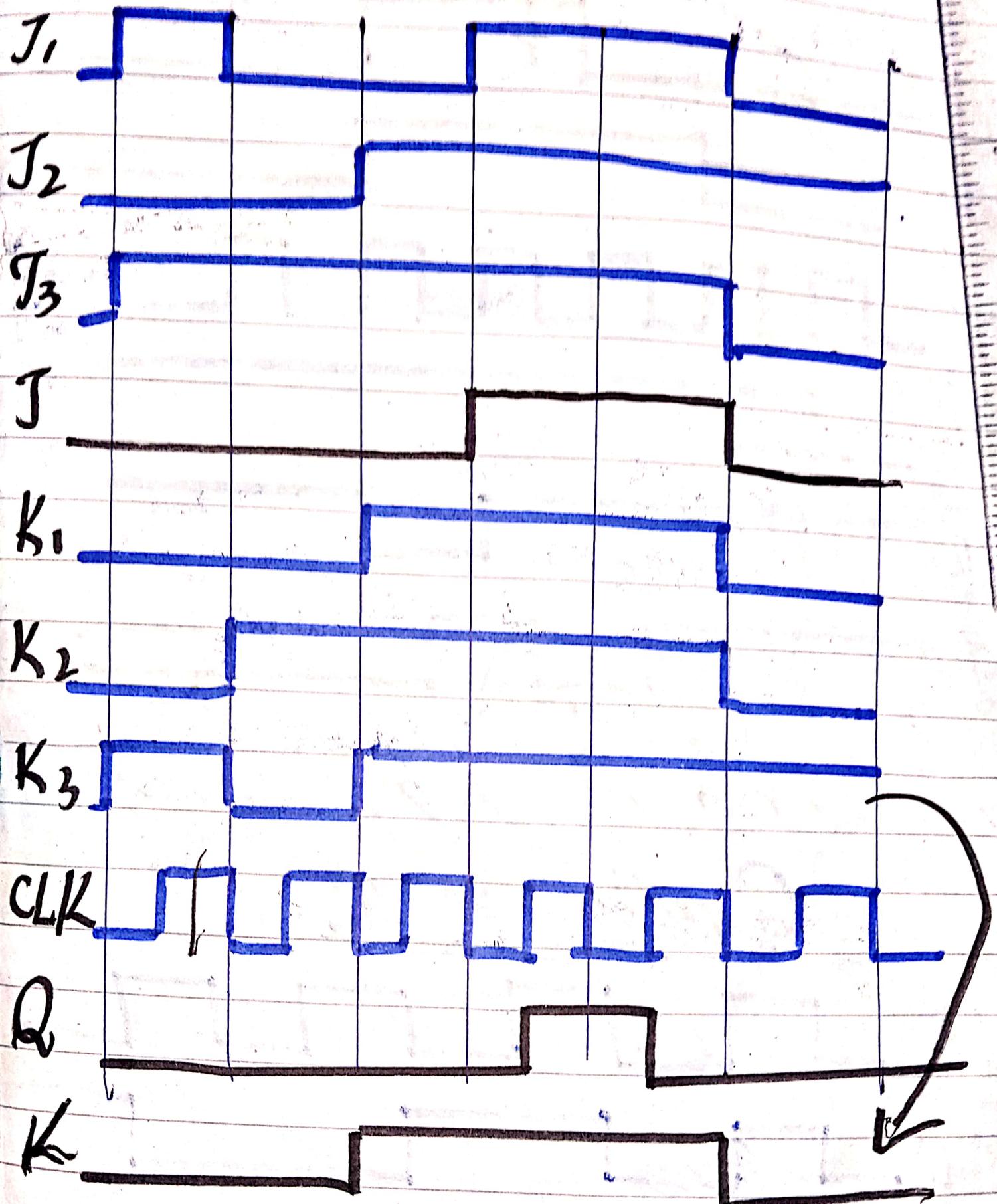
Q



Question # 16



Question # 17



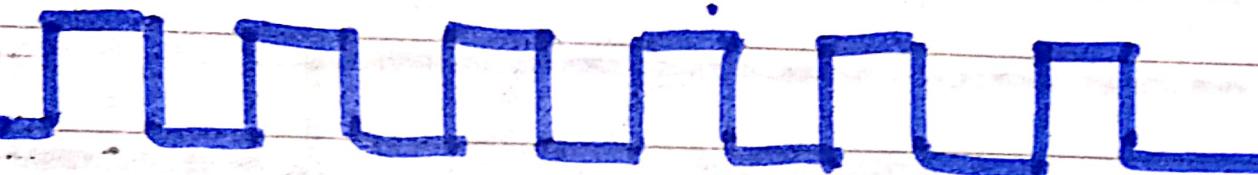
Question # 13

J_{pre}

Q

K_{pre}

CLK



PRE

Q

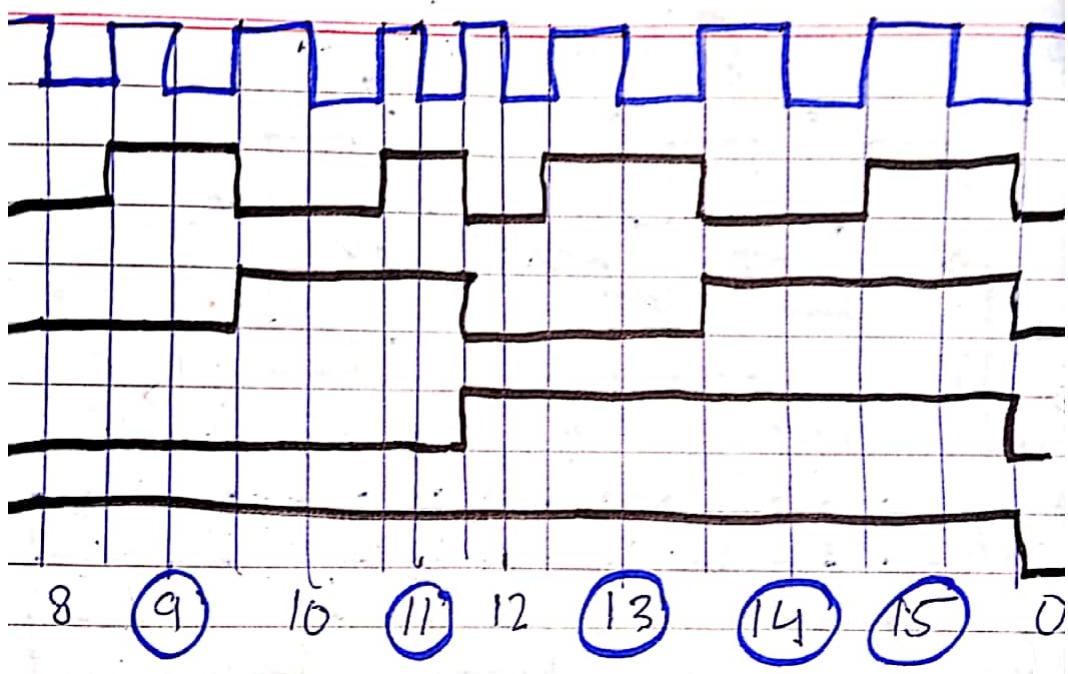
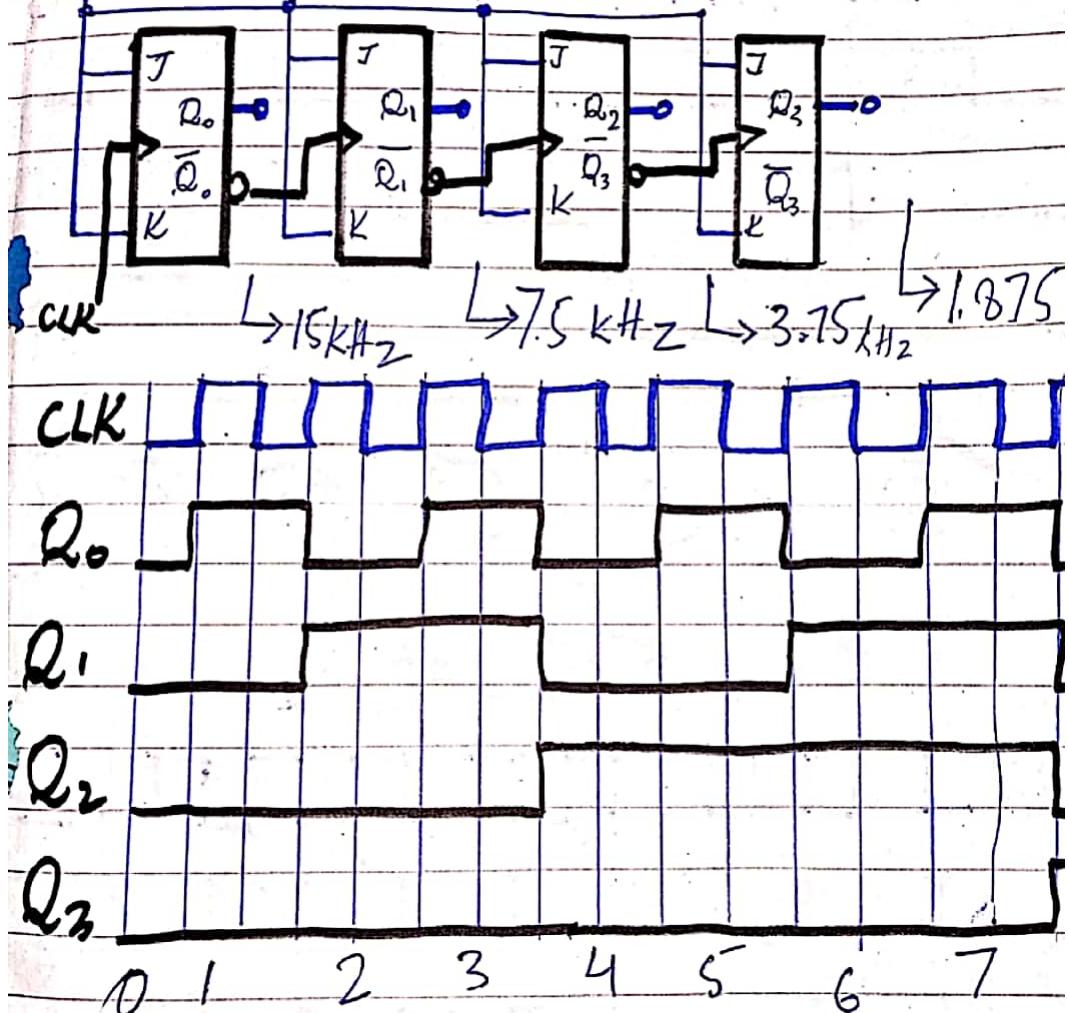
CLR

Q

Q

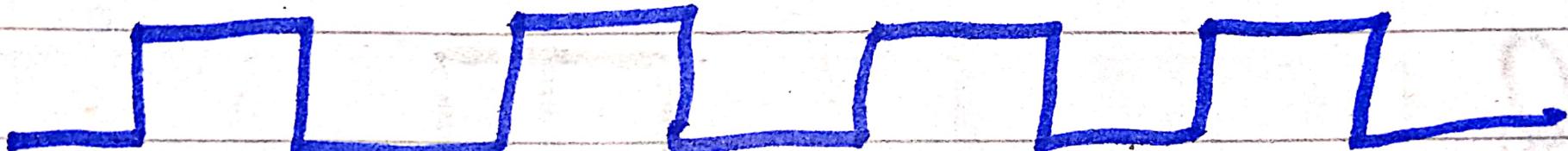
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Question #19

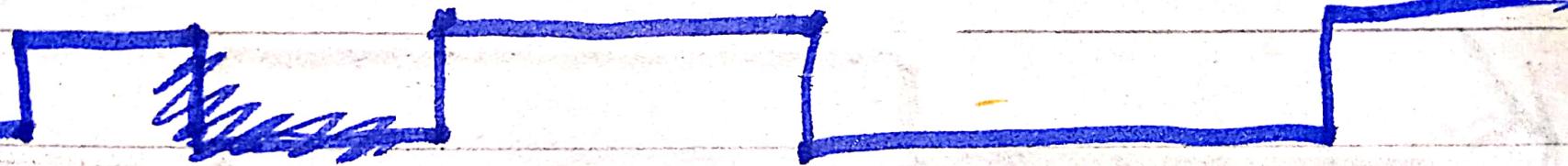


Question # 20

CLK



D

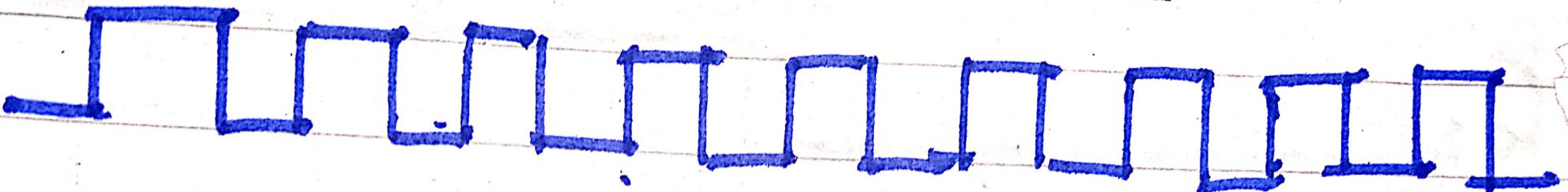


Q

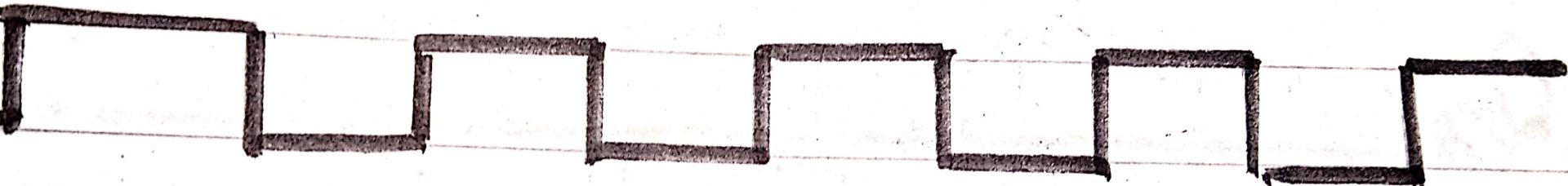


Question #2)

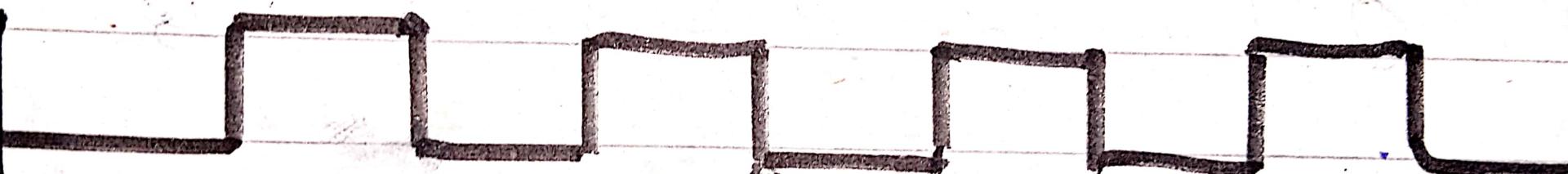
CLK



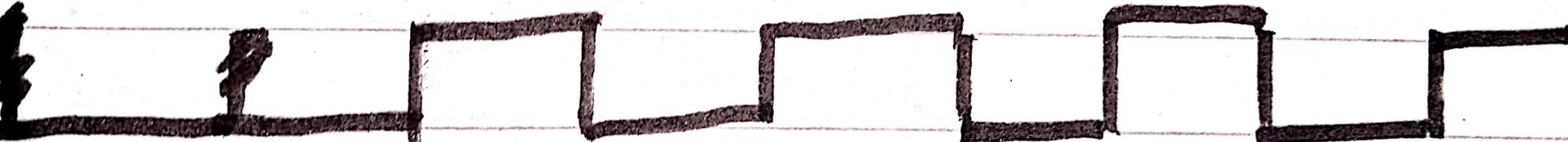
QA



QA'



QB



QB'

