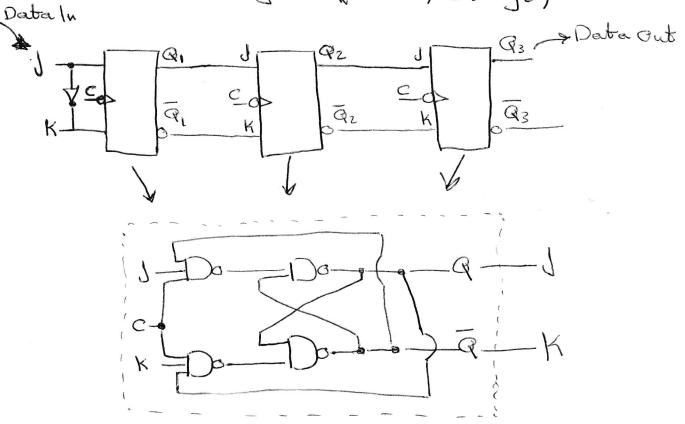
Abdullah bletaibi

HW6

12 Serial Shift Register (3 bit/Stage)



18 See "Question # 8" in wavedorm.

13 Data Out Where left-most is LSB

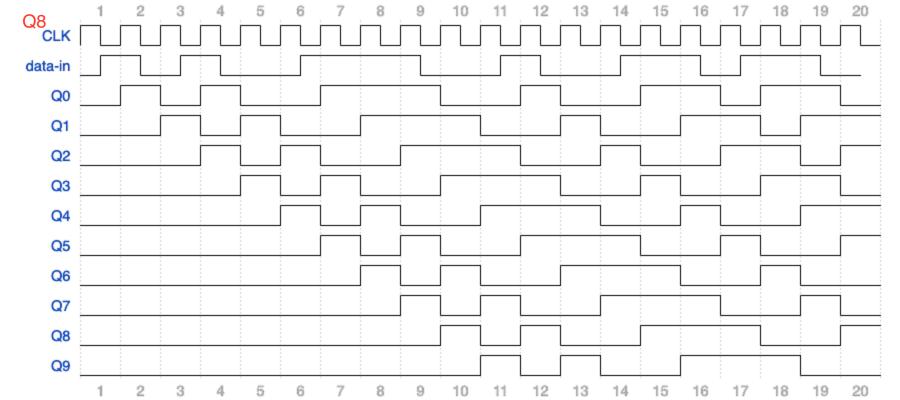
[14] See "Question # 14" in wovedorm.

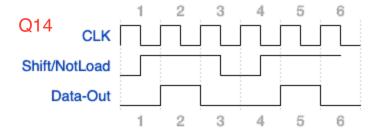
Q211

CLK	R/L	state
CLKO _ initial		01001100
clki	3	10011000 (Left shift)
2	1	oleolloo (Right 11)
; 3	1	ocleollo (Right)
ំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំំ	i	ocolooll (Right/)
5	В	ooloolle (Left")
°6	B	oloolloo (Left 11)
; 7	1	00100110 (Right")
÷ 8	0	01001100 (Left 11)
, q	1	ooloollo (Right")
• (3	0	oloolloo (left/)
	⊙	10011000 (Left/)

Pa Q_3 P_t Pg Q 0 0 0 0 Ò C 0 3 C 00-00-00

Preset = 902 0000 1000 10





```
// question #8
       "signal":
        { "name": "CLK", "wave": "p....."},
        { "name": "data-in", "wave":
"lhlhl.h..l.hl.h.lh.l","phase":0.5},
{ "name": "Q0", "wave":
"lhlhl.h..l.hl.h.lh.l"},
        { "name": "06", "wave":
"l.....hlhl.h..l.hl."},
                      { "name": "Q7", "wave":
"l......hlhl.h..l.hl"},
                      { "name": "Q8", "wave":
"l......hlhl.h..l.h"},
                      { "name": "09", "wave":
"l.....hlhl.h..l."}
              ],
       "head":
              {
                      "tock":1
       "foot":
                      "tock":1
              }
}
```