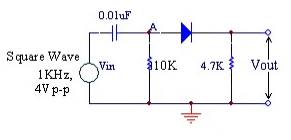
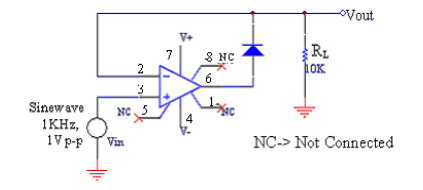
1. What is the function of the following circuit? hard



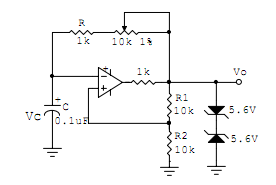
A)Voltage Clipper B)\*Voltage Doubler C)Rectified Differentiator D)Precision Rectifier

20) What is the function of the following circuit? hard



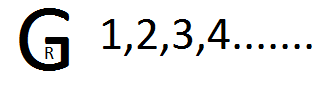
A)Voltage Clipper B)Voltage Doubler C)Rectified Differentiator D)\*Precision Rectifier

21) What is the function of the following circuit?

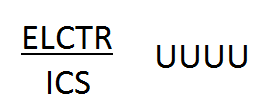


A)Schmitt Trigger B)\*Astable Multivibrator C)Monostable Multivibrator D)Voltage Doubler

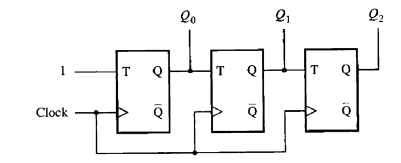
22)



23)



24)



What is the sequence generated by the above circuit?(MSB is Q2)

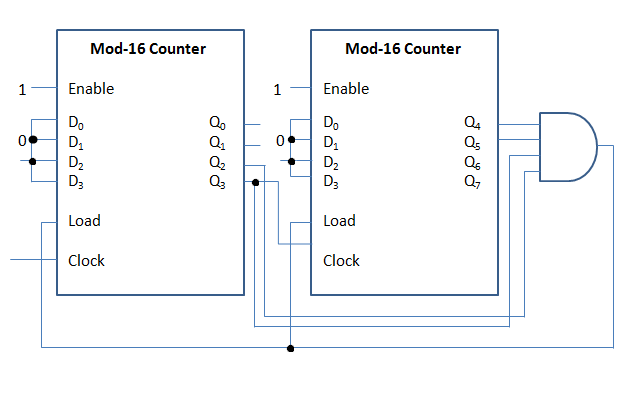
A)000,001,010,011,100,101,110,111,...

B)000,010,101,111,...

\* C)000,001,010,111,...

D)000,010,100,110,...

25)



Two Mod-16 Counters are connected as shown in the figure. Output is taken from the pins Q7 (MSB) to Q0 (LSB). Then this circuit will work as a Mod \_\_ Counter.

A)256 B) 60 C)64 \*D)61