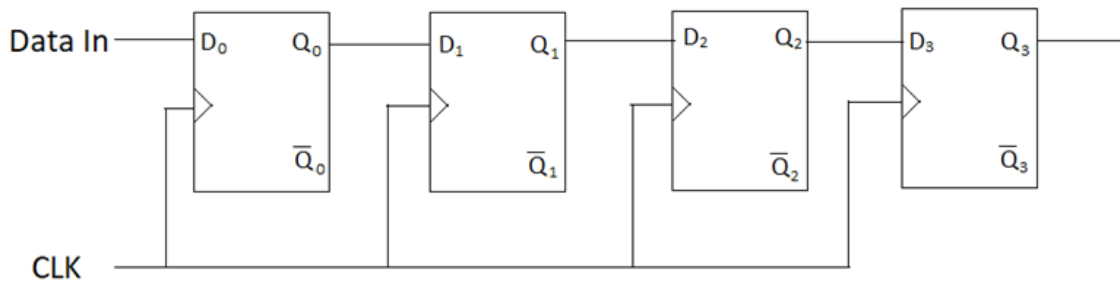


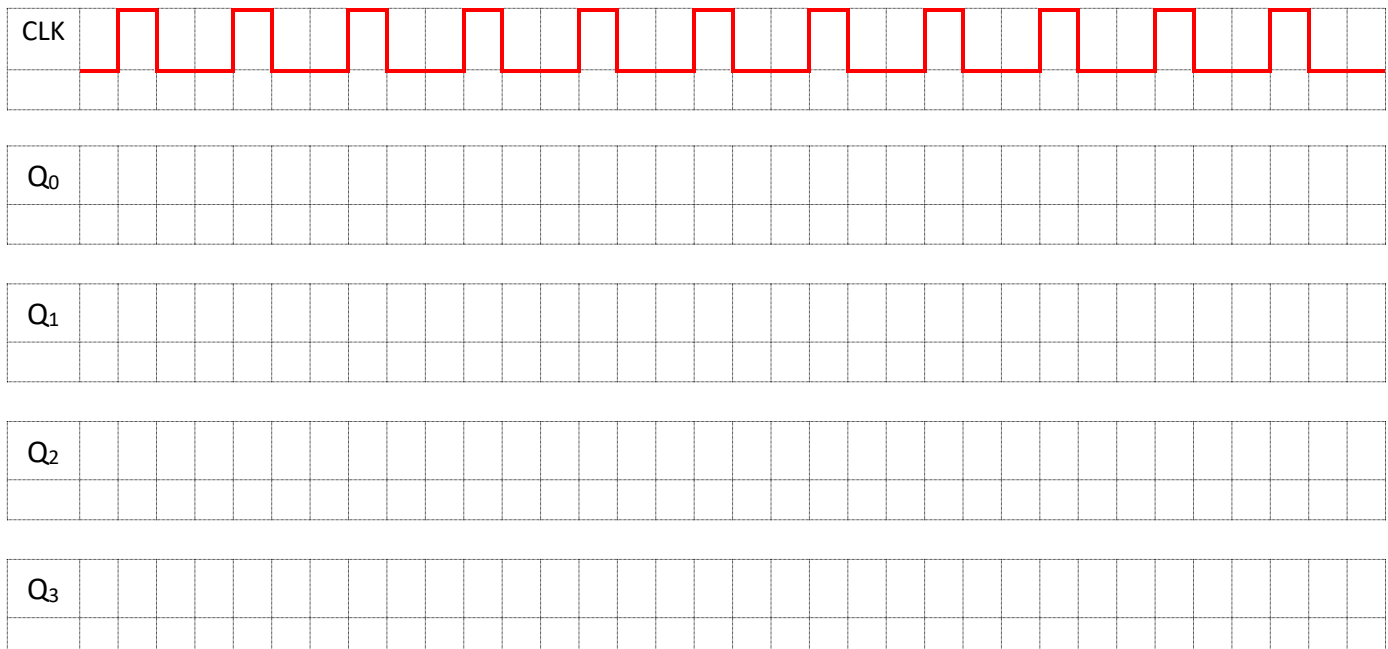
ET-540 – Introduction to Digital Computing

Homework 8 - Shift Registers

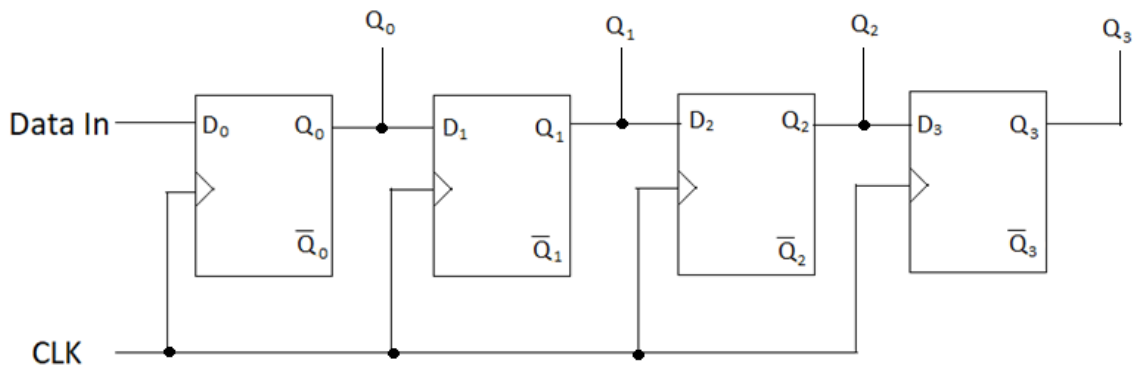
Question 1) For the following shift register, if the input data is 11001011_2 ,



What would be the output data, Q_3 , at the tenth pulse? (Show work) _____



Question 2) For the following shift register, if the input data is 10110011_2 ,



What would be the output data at the sixth pulse? Q_3 ____ Q_2 ____ Q_1 ____ Q_0 ____

