How many flip-flops would be required to generate a ML PRBS of period 16383? How many ones would the sequence have?

period =
$$14383 = 2^{14} - 1$$

 $k = 14$
of ones is $2^{13} = 8192$

Exercise 2: Why not?

method can descramble it

Exercise 3: How many errors will appear in the output of a V.22 descrambler if there is one input error?

ppear in the output of a

1 + 2 = 3

ever propagating

ways for discounting

which

ever