EXPERIMENT: 05

Group: B1

a. Design a Switch (S) Controlled Even/Odd Parity Generator Circuit for 4-Bit Data.

If S=0 then EVEN parity

If S=1 then ODD Parity

b. Design an Excess-4 to BCD Converter Circuit.

c. Design a Switch Controlled 4-Bit Binary to Gray and Gray to Binary Code Conversion Circuit.

If S=0 then Gray to Binary Code
If S=1 then Binary Code to Gray