VLSI Assignment 1 Questions

1. Illustrate the pass characteristics with a neat diagram.
2. Derive n-FET current voltage equations.
3. Discuss FET RC model.
4. Write VLSI Design Flow.
5. Explain CMOS Fabrication process.
6. Write short notes on:
   a. Photolithography
   b. T Gate: XOR and XNOR
   c. Scaling theory
   d. Stick diagram