Chapter 8. Oxidation

Short type questions

1. What are the different types of oxidation used in IC industry?
2. What are the reactions of dry oxidation and wet oxidation?
3. What are linear and parabolic regimes of oxidation?
4. Describe dopant redistribution during oxidation
5. What is exponential growth regime?
6. Describe the furnaces used for oxidation.
7. What is high pressure oxidation?
8. Describe the electrochemical oxidation. Where is it used?

Long type questions

1. Develop the equations to describe the oxidation process (Deal-Grove model)