

**Collage of Engineering**  
**Department of Chemical Engineering**  
**Chemical Industries CHE 214**  
**Chapter 6 – Homework 6**

1. Mention six uses of caustic soda?
2. Mention the methods of production soda ash?
3. Explain with the balance chemical equations the manufacturing of caustic soda by
  - a. Mercuric cell
  - b. Diaphragm cell
  - c. Membrane cell
4. Mention the advantages and disadvantages of electrochemical methods of production caustic soda by
  - a. Mercuric cell
  - b. Diaphragm cell
  - c. Membrane cell