

**Engineering Materials (MSE-220)**  
**Assignment # 5**

- 1- What 3 things are needed for electrochemical corrosion to occur?
- 2- What is the corroded member in a corrosion cell?
- 3- What do absorptive corrosion inhibitors do?
- 4- What are two types of Cathodic Protection?
- 5- Is electroplating a very good form of corrosion protection against electrochemical corrosion?
- 6- What is pitting?
- 7- What are three types of polarization?
- 8- How does concentration polarization occur?
- 9- Name five types of corrosion.
- 10- What are 3 main factors in corrosion control?

**Note:**

**Read the given text and presentation slides for Chapter 6 (Corrosion) very carefully and be ready for more difficult questions.**