

# **CHEMISTRY THEORY ASSIGNMENTS**

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## **CHEMISTRY THEORY ASSIGNMENT 1**

1. Explain ill effects of hard water when used in boiler.
2. What is hardness? How alkalinity is estimated
3. What is cathodic protection? How is it done? Explain anodic protection.
4. What is Bomb calorimeter experiment?
5. What is proximate analysis? Explain ultimate analysis

## **CHEMISTRY THEORY ASSIGNMENT 2**

1. What is monomer? Explain types. Discuss conducting polymers with suitable example.
2. Discuss addition and condensation polymers with example.
3. Distinguish between thermosoftening and thermosetting polymers. Explain any 2 techniques of polymerisation.
4. Write principles of green chemistry. Give green pathway of preparation of adipic acid
5. Write and draw instrumentation in UV visible spectroscopy. Explain terms and transition involved in UV visible spectroscopy with examples.