

Assignment 7

1. Differentiate between Biodegradation, Bioerosion, Bioabsorption and Bioresorption.
2. What are the advantages of biodegradable polymers?
3. How does bioerosion occur? Which processes are included in bioerosion?
4. Provide a few applications of biodegradable polymers.
5. Show how the polymer film introduces adhesion prevention?
6. What is drug delivery? Give any example of drug delivery by polymers.
7. What are the concerns in developing biodegradable polymers? Give a few examples of biodegradable polymers.
8. Explain the mechanism of bioerosion. Which factors affect bioerosion?
9. How bulk erosion differs from surface erosion?
10. What is chemical erosion? Show the breaking of cross-links in a polymeric chain.