



Q.1. Answer the following short questions: (6x5=30)

- i. How detoxification is helpful in Biodegradation?
- ii. Enlist the traditional approaches of pollution control.
- iii. Describe the process of sorption and its effect on Biodegradation.
- iv. What is meant by bioreactor based method used for Bioremediation?
- v. Differentiate point sources and non-point sources pollution.
- vi. Differentiate Bioaugmentation and Biopiling.

Answer the following questions. (3x10=30)

Q.2. Write down different strategies in Biodrgradation process with special emphasis on enrichment and screening strategies

Q.3. Define Detoxification. Describe complete procedure and factors affecting detoxification.

Q.4. Write a detailed note on microbial treatment for heavy metals.