

[illegible]

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### SECTION-B

2. What is environmental pollution? Describe various parameters of pollution monitoring.
3. Describe the waste treatment of dairy industry by photoremediation.
4. Describe the biodegradation of lignocellulosic materials giving suitable examples.
5. Describe the innovative techniques for prevention and control of pollution.
6. Describe briefly preliminary treatment, clarification and coagulation.
7. Explain briefly organic farming and biomineralization.
8. Describe the treatment of distillery waste by photoremediation.

### SECTION-C

9. Discuss the municipal techniques for prevention and treatment of biomedical solid waste giving suitable examples.
10. Discuss the metagenomics and culture based approaches for bioremediation.
11. Describe biomass as a source of energy. Also highlight biocomposting and vermiculture.