

MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL
DEPARTMENT OF CHEMISTRY

Assignment 3: CHY 110 (Environmental Science)

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B. Tech (First Year, Section G): Autumn Semester (2024-2025)

Deadline: Ten Days

1. “Water vapor is responsible for global warming, yet it is essential for the existence of living beings.”: Discuss with proper explanation.
2. How the groundwater is contaminated by Arsenic? Write down the effects of Arsenic pollution.
3. How reverse osmosis can be helpful for waste-water treatment?
4. The river bed is constituted with CaCO_3 . If the river water becomes acidic in case of acid mine drainage, is it possible to neutralize that acidic water by underlying CaCO_3 ?
5. Why the rainwater is slightly acidic? Does this acidity make any adverse effects to the living beings?
6. If a pond becomes colored by a non-toxic azo dye, does it create any problem to the aquatic living beings?