

ASSIGNMENT

1. What are reasonable precautions to take if one is not certain about the quality of their water?
2. Where does drinking water come from and why is it purified? Is bottled water safer than tap water?
3. How does a water treatment plant work?
4. Explain the difference between granular high rate filtration and slow sand filtration?
5. Explain in detail the difference between ultrafiltration and reverse osmosis?
6. Differentiate between hard water and soft water. What are the harmful effects of using water softeners?
7. Differentiate between primary and secondary disinfection.
8. How is ground water safe from surface water?
9. Enlist various traditional methods of water treatment?
10. Explain the use of UV radiation and chlorination as disinfectants.