

**MTech 3rd Semester (Water Resources Engineering)
Water Quality and Environment**

Assignment--End Term

10 Marks

- Q1. Discuss in detail the complete Nitrogen Cycle**
- Q2. Discuss in detail the procedure for finding the concentration of :-
Calcium
Magnesium
Sodium and
Potassium, by using a flame photometer. Also describe the various reagents used for standardization of the equipment. Draw a representative figure also.**
- Q3. Discuss various types of Lakes.
How are lakes formed.
List and explain the various reasons for disappearance of lakes with examples**
- Q4. Differentiate with examples the Point and Non point sources of pollution.
Explain how Water Quality and Environment are related**