

T.E.(Civil Engineering)
WASTE WATER ENGINEERING
(2019Pattern) (Semester-VI)

1. State types of microorganisms. Explain role of microorganism in wastewater treatment.
2. Explain Activated sludge process (ASP).
3. Write principal and stages of anaerobic digestion also explain its factor affecting.
4. Write characteristics of sugar industry waste water.
5. Write short note on
 - i) Equalization
 - ii) Neutralization
6. Explain in brief package sewage treatment plan.
7. Write short note on up flow anaerobic sludge blanket (UASB) reactor.
8. Explain the principle of working and comment on its suitability for treatment of industrial waste water.
9. Differentiate between MBR and FMBR.
10. Explain the working principle and design criteria of aerated lagoons.
11. Draw flowchart for STP. Enlist the units and its functions.
12. Differentiate between COD and BOD.