Iqra National University

Department of Civil Engineering

**Course Title:** Wastewater Engineering **Course Code:** CE-421

**Assignment # 1** **Semester : 8th** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Note: You have 6 days hours to upload your assignment to SIC after which you will not be able to upload. Your responses should be brief and specific. Assignment should be written in your own words and be in MS Word or PDF format. Clearly mention your registration number (ID). Please feel free to contact me in case of any clarification required.**

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Q1. What is Wastewater Engineering? Briefly describe its applications in safeguarding the environment?

Q2. Briefly describe the relationship of wastewater generation with water supply of a locality?

Q3. What is the importance of wastewater characterization?

Q4. Enlist physical, chemical and biological characteristics of wastewater?

Q5. What are the advantages and disadvantages of combine and separate sewerage system? Which sewerage system will you recommend for a new proposed township Support your answer with justification?