**3rd Semester (Batch: 35th)**

**1. Subject:** Environmental Microbiology

**Subject Teacher**: Tania Sultana

**Assignment Topic:**

1. Novel Pollution Problem.
2. Waste-water and Effluent Treatment.
3. Sanitation and Public Health Microbiology

**2. Subject:** Clinical Pathology

**Subject Teacher**: Rokeya Parvin Nilu

**Assignment Topic:**

1. Pus culture Procedure (culture sensitivity of Pus)
2. Differential Count of WBC
3. Anti-Streptolysin O (ASO)

**3. Subject:** Microbial Metabolism-I (Microbiol.2303)

**Subject Teacher**: Najmun Nahar

**Assignment Topic:**

1. Alcohol and Lactic Acid Fermentation by Microorganisms.

2. Starch and Cellulose degradation by Microorganisms.

**4. Subject:** Microbial Ecology

**Subject Teacher**: Mumtarin Jannat Oishee

**Assignment Topic:**

1. Interactions among populations: Positive Interaction and Negative interaction (**NB**: The assignment on Positive interaction should include: Ammensalism, Mutualism, and Synergism. The topics that will cover Negative interaction: Competition, Parasitism, Predation).
2. Effect of environmental determinants on microorganisms: pH, Redox potential, inorganic compounds. This topic will cover the effect of alkaline and acidic environment on microbes, BOD and COD

**5. Subject:** Practical

**Subject Teacher**: Rokeya Parvin Nilu

**Assignment Topic:** Practical note book preparation

**\***Assignment must be different for each student and it should be handwritten.

\*\*\*You have to submit all the assignments on the opening day of the University after the coronavirus outbreak. If anybody faces any difficulties to prepare the assignment don't hesitate to contact the subject teacher over the phone or through email. **#Stay Home. #Stay Safe.**