**4th Semester (Batch: 34th)**

**1. Subject:** Microbial Metabolism-II

**Subject Teacher**: Tania Sultana

**Assignment Topic:**

1. Autotrophic CO2 fixation
2. Biosynthesis of Purines and Pyrimidines
3. Biosynthesis of Fatty Acids

**2. Subject:** Microbial Genetics (Course no: 2402)

**Subject Teacher**: Md. Reza Alam

**Assignment Topic:**

1. Importance of genetic knowledge to combat known and emerging diseases (1+1 pages, handwritten)
2. Importance of “First and Second law of Mendel” in the context of genetics (1page, handwritten)

**3. Subject:** Food Microbiology-I

**Subject Teacher**: Dr. Syed Anwar Hussain

**Assignment Topic:**

1. Preparation of the fermented food.
2. Preservation of food.
3. Contamination of food.
4. Spoilage of food.

**4. Subject:** Mycology

**Subject Teacher**: Dr. Syed Anwar Hussain

**Assignment Topic:**

1) Ringworm.

2) Candidiasis.

3) Mushroom.

**5. Subject:** Virology-I

**Subject Teacher**: Dr. Farah Zereen

**Assignment Topic:**

1. Replication strategies of DNA and RNA viruses
2. Viral immunity.

**6. Subject:** Practical

**Subject Teacher**: Tania Sultana

**Assignment Topic:** Preparation of practical notebook.

**\***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.**