**Food Waste Management (Elective)**

**Q1. Answer the following:**

1. Environmental factors that affecting the composting process.

2. Mechanical methods for industrial waste water treat­ment.

3. Physicochemical methods for industrial wastewater treat­ment.

4. Biological methods for industrial wastewater treat­ment.

**Q2. Draw the path of anaerobic digestions.**

**Q3. Numerate the following:**

1- The factors responsible for anaerobic digestion.

2- Types of digesters.

3- Configurations of anaerobic digesters.

4- Some toxicants in anaerobic digesters.

5- Methane production potential.

6- Operational variables in anaerobic digesters.

**Q4. Define anaerobic digestion.**

**Q5. 2. Differentiate between mesophilic and thermophilic digestion systems.**

**Q6. Write the main purpose of incineration.**